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# Mineral Investigations in the Delta River Mining District, East-Central Alaska 2001-2002

Peter E. Bittenbender, Kirby W. Bean, and Edward G. Gensler

**Authors**

Peter E. Bittenbender and Kirby W. Bean are geologists in the Division of Energy and Solid Minerals at the Juneau Mineral Information Center, Bureau of Land Management, Juneau, Alaska.

Edward G. Gensler is an environmental engineer in the Division of Energy and Solid Minerals at the Juneau Mineral Information Center, Bureau of Land Management, Juneau, Alaska.

**Cover Photograph**

View to the north of the southern flank of the Alaska Range. Mt. Hayes is the peak farthest to the left. Mounts Moffit and Shand are on the right.

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# MINERAL INVESTIGATIONS
# IN THE
# DELTA RIVER MINING DISTRICT
# EAST-CENTRAL ALASKA
# 2001-2002

by

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**ABSTRACT**

In 2001 and 2002 Bureau of Land Management (BLM) investigators surveyed, mapped, or sampled 108 mineral occurrences in the 2.9-million-acre Delta River Mining District, which extends across the Alaska Range from Paxson to Delta Junction, in east-central Alaska. The BLM collected and analyzed 487 rock chip, placer, pan concentrate, and stream sediment samples during the investigation. In addition, the BLM had 264 U.S. Geological Survey (USGS) stream sediment samples analyzed by the inductively coupled argon plasma – atomic emission spectroscopy (ICP-AES) technique for 40 elements and by fire assay, atomic absorption finish, for gold, platinum, and palladium. A subset of 17 of these samples, all with high nickel values, was analyzed for the full suite of platinum group elements (PGE). The BLM is scheduled to complete fieldwork for the mineral assessment program in the district in 2004 and will produce a final report in 2005.

Noteworthy results from the BLM's investigations include the discovery of PGE-bearing disseminated and net-textured sulfides hosted in gabbro and peridotite in the Cony Mountain area, in the eastern part of the district. Also, a pan concentrate sample from the Chisna River area returned 792 ppm gold and 2.29 ppm platinum. Investigators have not positively identified platinum lode sources in the Chisna River area to date.

The BLM coordinated the collection of gravity, magnetic, and magnetotelluric data by the USGS in the district in 2001 and 2002. Modeling of these data indicates the potential for a dense, moderately magnetic, strongly conductive body oriented approximately along the axis of a synform in the Amphitheater Mountains, in the southern part of the district.

The University of Alaska, Fairbanks, determined an early Late Triassic Ar/Ar age date of 228.3 ± 1.1 million years, on a sample of phologopite in gabbro from the PGE-bearing Rainy Creek mafic-ultramafic complex in the district. This age correlates a tectonically dismembered mafic-ultramafic complex north of the Rainy Creek thrust fault, that may have been intruded at a deeper stratigraphic level, with possibly shallower, generally undeformed complexes to the south, dated at 230.4 ± 1.3 million years.

In 2002, the BLM contracted an airborne geophysical survey in the southwestern part of the district. The survey, administered by the State of Alaska, Division of Geological and Geophysical Surveys, collected aeromagnetic and three frequencies of resistivity data across approximately 350 square miles. The primary target of the survey was copper-nickel-PGE-bearing mafic and ultramafic rocks. The survey products released to the public in March, 2003 include approximately 250 square miles of aeromagnetic and resistivity data previously purchased by the BLM.

# INTRODUCTION

In 2001 and 2002, personnel from the Division of Energy and Solid Minerals of the Bureau of Land Management (BLM) - Alaska conducted mineral investigations in the 2.9-million-acre Delta River Mining District. The investigations are part of the BLM's ongoing mineral assessment program of mining districts in Alaska. The BLM's mineral assessment aims to compile, analyze, and publicize mineral information to facilitate multiple-use management of the area. Mineral information includes mineral occurrence surveying, mapping, and sampling; airborne and ground-based geophysics; stream sediment geochemistry; and economic, engineering, and environmental analysis. The BLM is scheduled to complete fieldwork for the mineral assessment of the district in 2004 and produce a final report in 2005.

The Delta River Mining District extends across the eastern Alaska Range from about Delta Junction on the north to Paxson on the south. It is accessible via the Richardson, Denali, and Alaska highways (fig. 1). BLM geologists collected 487 rock chip, stream sediment, pan concentrate, and placer samples while evaluating 108 prospects and mineral occurrences in the district in 2001 and 2002.

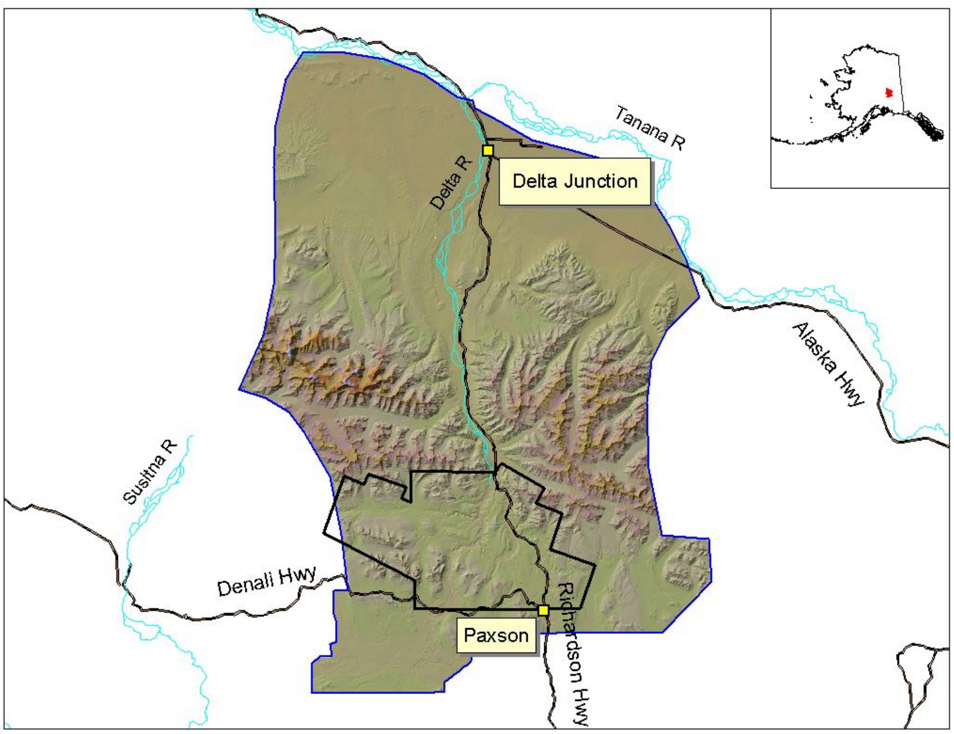


Figure 1. Location of the Delta River Mining District in east-central Alaska.
The black polygon in the southern part of the district shows the extent of the BLM's airborne geophysical survey *(map scale approximately 1 inch = 30 miles (1:1,900,800)).*

In this report the authors present geochemical data that have resulted from the analyses of samples collected in the Delta River Mining District, along with brief descriptions of airborne and ground-based geophysical data collection and the results of an Ar/Ar age determination. A full description of the BLM's mineral assessment of the district, with descriptions of individual properties, will be included in a final report on the district.

Table 1 presents data from the evaluation of placer samples the BLM collected during 2002. Don Keill, from the BLM's Northern Field Office in Fairbanks, processed the samples. Part of his processing included separating each sample into magnetic and non-magnetic fractions. Both of the fractions were sent to a commercial laboratory for trace element analysis; the results are presented in table 2.

Tables 3 through 6 present analytical results from a commercial laboratory according to the type of sample and the method of sample preparation. Results from the analysis of rock chip samples are presented in tables 3 and 4 and for placer, pan concentrate, and stream sediment samples in tables 5 and 6. Sample handling differed with regard to sample decomposition for inductively coupled argon plasma (ICP) analysis. The 'partial digestion' refers to the use of aqua regia to dissolve crushed material for ICP analysis. This process generally liberates metals in sulfides, but not in silicate phases. Alternatively, the 'total digestion' process uses a four-acid leach that breaks down the silicate lattice, so the analytical result includes metals bound in the silicate as well as the sulfide phases.

This report also includes analytical results derived from the reanalysis of 264 stream sediment samples that U.S. Geological Survey (USGS) investigators collected on the south side of the Alaska Range, in the Mt. Hayes quadrangle, in 1978 and 1979 (O'Leary and others, 1982; table 7). The aim of the reanalysis was to generate a broad baseline of geochemical data for the area using modern analytical techniques. The original, semi-quantitative USGS analysis (O'Leary and others, 1982) has been replaced by inductively coupled plasma-atomic emission spectroscopy (ICP-AES) for 40 elements. In addition, the BLM analyzed for platinum and palladium, which were missing from the original USGS data set. Table 7 includes analyses for a full suite of platinum group metals for 17 stream sediment samples from the data set. The BLM selected the 17 samples to be analyzed from those having the highest nickel values in the original USGS data set (O'Leary and others, 1982).

This report also presents data resulting from an Ar/Ar age determination from one of the PGE-bearing mafic-ultramafic complexes in the district. The age correlates tectonically dismembered complexes in the north with relatively undeformed complexes to the south.

## ACKNOWLEDGMENTS

The authors of this report would like to thank those that participated in field investigations in the Delta River Mining District in 2001 and 2002. Jan Still, now retired from the BLM, aided in property and reconnaissance evaluations in 2001. During that year, field assistance was ably provided by Karinne Knutsen. Several geologists from the BLM's Anchorage State Office helped with the field work in 2002. Joe Kurtak led the investigation of placer deposits in the district.  Robert Klieforth and John Wandke insured the success of the field season with their significant contributions to the field effort.  Field assistance was ably provided by Amy Rodman.

The authors thank Don Keill from the BLM's Northern Field Office in Fairbanks for his analysis of the placer samples.

Bill Ellis, Alaska Earth Sciences, provided invaluable insights into the geology in the area, particularly on the mafic-ultramafic complexes and their PGE potential.  The BLM appreciates the expertise shared by other investigators, including Larry Hulbert of the Geological Survey of Canada.

The authors are grateful to USGS investigators, Jeanine Schmidt, Jonathan Glen, Louise Pellerin, Jay Sampson, and Steve Nelson for sharing their expertise as well as their collaboration in the mineral assessment by collecting valuable gravity, magnetic, and magnetotelluric (MT) data across the southern part of the district.

Jeff Foley, Calista Corporation, formerly with the U.S. Bureau of Mines, provided the BLM with a sample well suited for Ar/Ar age dating.  Paul Layer of the University of Alaska, Fairbanks dated the sample.  We thank both of these contributors.

The authors would like to thank the staff of the Tangle River Inn for their gracious hospitality, particularly Nadine and Jack Johnson.  Prism Helicopters provided excellent helicopter service, both in 2001 and 2002.  Tundra Helicopters also provided able service during the field investigations.

## FIELD SEASON REVIEW WITH HIGHLIGHTS

The BLM made a brief reconnaissance of the Delta River Mining District in 2001. During 2002, up to seven BLM employees spent seven weeks investigating mineral occurrences in the district.  The effort concentrated on the southern part of the district, which hosts Triassic, PGE-bearing, mafic-ultramafic complexes within the Wrangellia terrane.  The BLM also investigated other deposit types, including skarn, basaltic copper, vein gold, and placer gold.

BLM personnel discovered PGE-bearing mafic to ultramafic lenses at the head of the Gulkana Glacier near Cony Mountain.  The lenses are composed of variably serpentinized, melagabbro to peridotite with disseminated to net-textured sulfides of pyrrhotite, chalcopyrite, and pentlandite.  A 7-foot sample across one of the lenses returned 340 ppb gold, 385 ppb platinum, 827 ppb palladium, 0.47% copper and 0.37% nickel (sample number 10156).  The host rock is banded or bedded, with inch-scale to foot-scale laminations or beds.  In places, the host appears to be silicified volcaniclastics, and in others a more coarsely crystalline, banded intrusive.  The lenses are exposed across an area of approximately 70 by 40 feet, in precipitous terrane, northwest of the head of the Gulkana Glacier.

A pan concentrate sample from the Chisna River, on the southeast side of the district, contained the highest concentration of platinum collected so far by the BLM during the current study (sample 10408). It returned 2.29 ppm platinum along with 792 ppm gold. This sample is significant because it was collected from a drainage with no known lode occurrences of PGE. Although PGE have been recovered from placer workings in the area as early as 1902 (Mendenhall and Schrader, 1903), no lode source has been determined for them. Foley and Summers (1990) identified potential sources in the Miller Gulch area as mafic and ultramafic plugs, sills, and dikes. There has been no systematic exploration of these potential lode sources to date.

The BLM collaborated with the USGS in collecting gravity, magnetic, and MT data in the Delta River Mining District in 2001 and 2002. Modeling of these data indicates the potential for a dense, moderately magnetic, strongly conductive body oriented approximately along the axis of a synform in the Amphitheater Mountains, in the southern part of the district (fig. 2). Results of the USGS gravity work in the district have been released by Morin and Glen (2002; 2003). Results of the MT work have been presented by Schmidt and others (2002) and Pellerin and others (2003).

In 2002, the BLM contracted for an airborne geophysical survey to be flown in the southwestern part of the Delta River Mining District (fig. 1). The survey, administered by the State of Alaska, Division of Geological and Geophysical Surveys (DGGS), included the collection of aeromagnetic and three frequencies of resistivity data across approximately 350 square miles. The primary target of the survey was copper-nickel-PGE-bearing mafic and ultramafic rocks. The survey, released to the public in March, 2003, also incorporates approximately 250 square miles of aeromagnetic and resistivity data previously purchased by the BLM. So the final product covers about 600 square miles of the southern part of the district. The survey data are available from the DGGS (Burns and Clautice, 2003; Burns and others, 2003).

## ARGON ISOTOPIC AGE DATE

The BLM contracted the University of Alaska, Fairbanks, to date a sample of phlogopite in gabbro collected from the Rainy mafic-ultramafic complex (fig. 2). The Ar/Ar date of 228.3 ± 1.1 Ma, early Late Triassic, suggests that the tectonically disrupted Rainy, Eureka, and Canwell complexes north of the Rainy Creek thrust fault (see Nokleberg and others, 1992) are contemporaneous with the relatively undisturbed Fish Lake and Tangle complexes to the south, dated at 230.4 ± 2.3 Ma (Larry Hulbert, personal comm., 2002). Although this similarity in age has been suggested previously, it had also been suggested that the northern Rainy, Eureka, and Canwell complexes could be older, intruded at deeper stratigraphic levels, and subsequently exhumed by southward directed thrusting (Bill Ellis, Larry Hulbert, personal comm., 2001, 2002; Nokleberg and others, 1992). Still other authors have suggested that the northern complexes may represent younger intrusions (Stout, 1976; Nokleberg and others, 1992). More work on defining an accurate stratigraphic sequence for the area is needed to fully answer the question of depths of emplacement and timing of fault movement. (Ar/Ar age data for the Rainy Creek sample analysis are available upon request from the BLM, Juneau, Alaska.)

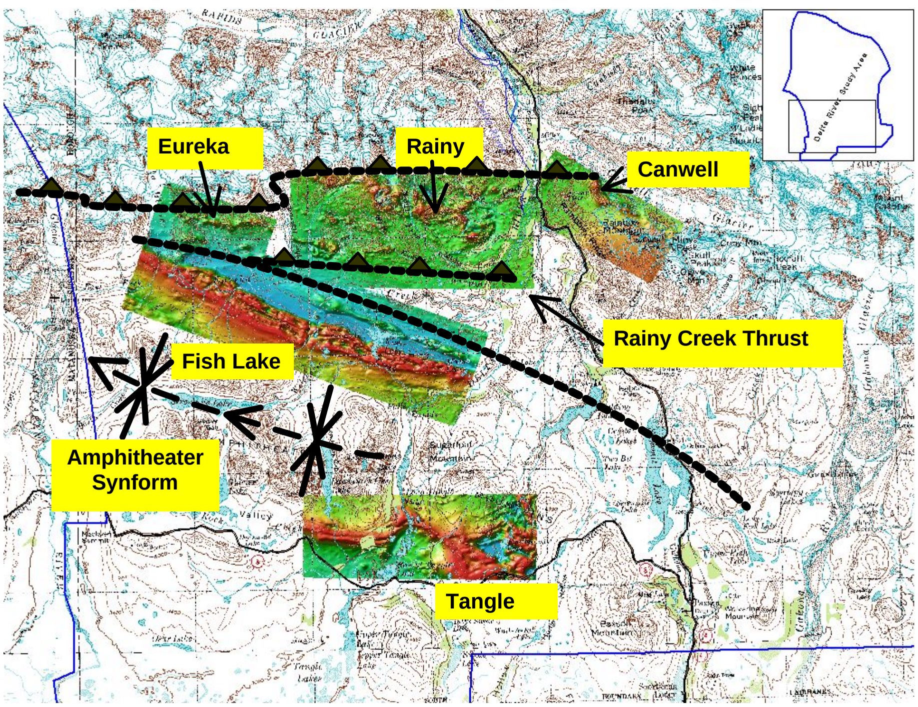


Figure 2. Location of five mafic-ultramafic complexes in the southwestern Delta River Mining District. The figure shows airborne magnetics data that mark the mafic-ultramafic complexes *(map scale approximately 1 inch = 12.5 miles (1:792,000))*.

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## SAMPLING AND ANALYTICAL PROCEDURES

### SAMPLING METHODS

BLM personnel collected several types of rock samples during 2001 and 2002. **Channel** samples are rock fragments, chips, or dust from a continuous channel of uniform width and depth across an exposure. **Chip channel** samples are chips of rock taken in a continuous line across a relatively uniform width and depth of an exposure. **Continuous chip** samples are chips of rock taken in a continuous line across an exposure. **Representative chip** samples are discontinuous chips of rock taken across an exposure. **Spaced chip** samples are chips of rock taken at a specified interval across an exposure. **Random chip** samples are chips of rock taken randomly across an exposure. **Grab** samples are rock chips or fragments taken more or less at random from an outcrop, float, or mine dump. **Select** samples are rock chips collected from the highest-grade parts of a mineralized zone.

Stream sediment, soil, and pan concentrate samples are collected in reconnaissance fashion to detect any anomalous metal values that may indicate the presence of mineralized rock in an area. **Stream sediment** samples are collections of silt- and clay-sized particles taken from a stream bed. **Pan concentrate** samples consist of one pan full of gravel, sand, and/or fines reduced by standard panning methods. The resultant concentrate of fines, approximately 0.75 ounces, is then analyzed.

BLM personnel collected **placer** concentrate samples using a portable, hydraulic concentrator, with grizzly, spray bar, and 10- by 48-inch sluice box. Sample sizes generally range from 0.05 to 0.1 bank cubic yard. The volumes of sampled material are calculated using the criterion of a heaping, 16-inch, gold pan equaling 1/160 of a cubic yard (16 heaping pans equals 0.1 cubic yard). The sample from the sluice box is then panned to produce approximately 2.5 ounces of concentrate.

**Sluice concentrate** samples are collected mostly from active or recently active placer mines. They consist of one to two pounds of black sands and other heavy minerals remaining after the placer gold has been removed. The amount of gravel washed to produce the concentrate is often unknown. BLM personnel collect these samples to find potentially anomalous accessory elements such as arsenic, antimony, bismuth, or tungsten. Following collection, they are processed like placer samples.

### ANALYTICAL METHODS

Two commercial laboratories provided analyses of BLM samples in 2001 and 2002. Sample numbers less than 10,000 were analyzed by Bondar Clegg[1]; sample numbers greater than 10,000 were analyzed by ALS Chemex[2]. Rock samples were dried, crushed

[1] Mention of Bondar Clegg does not signify BLM endorsement.
[2] Mention of ALS Chemex does not signify BLM endorsement.

to a minus 10 mesh, split, and pulverized to minus a 150 mesh. Stream sediment samples were dried and sieved to a minus 80 mesh. Pan concentrate samples were pulverized to a minus 150 mesh. For samples analyzed by X-ray fluorescence spectroscopy (XRF), a 10-gram pressed pellet was prepared for measurement.

The laboratories analyzed samples for gold by fire assay pre-concentration of a 30-gram sample followed by an atomic absorption spectroscopy (AA) finish and reported results in parts per billion.

The laboratories analyzed platinum and palladium by fire assay pre-concentration of a 30-gram sample and an inductively coupled argon plasma –atomic emission spectroscopy (ICP-AES) or inductively coupled argon plasma –mass spectroscopy (ICP-MS) finish and reported the results in parts per million. They analyzed samples with more than trace levels of platinum and/or palladium using ICP-MS following fire assay.

The laboratories analyzed silver, copper, lead, zinc, and molybdenum by ICP-AES and reported results in parts per million. This followed a digestion of approximately 0.5 grams of sample in either aqua regia ("partial digestion") or a multi acid ("total digestion") solution. Tables 3 and 5 present the results of analyses using partial digestion; tables 4 and 6 present the results from total digestion. The laboratories analyzed those samples of copper, lead, zinc, and molybdenum that exceeded the upper detection limits with low-level assays consisting of an aqua regia digestion and AA finish and reported the results in percent.

Barium was analyzed by ICP-AES and XRF with results reported in ppm. For selected samples, tin and tungsten were also analyzed by XRF to improve the accuracy of data in areas where the BLM presumed a higher potential for these elements exists.

Mercury was analyzed by cold vapor AA methods with results reported in parts per million.

The laboratories analyzed the remaining elements by ICP-AES and reported the results as either parts per million or percent following either partial or total digestion of approximately 0.5 grams of sample. In most instances, when the results of samples analyzed by this method exceeded the upper detection limits, the samples were not reanalyzed, but results were reported as being greater than the corresponding upper detection limit. However, values above ICP-AES detection limits were obtained for some samples using low-level assay methods consisting of a multi acid digestion and AA finish, with results reported in percent.

## DETECTION LIMITS BY ANALYTICAL TECHNIQUE

### FIRE ASSAY METHODS

| Element | Range, ppm | Finish method |
|---|---|---|
| Au | 0.002-10 (0.001-20) | ICP-AES |
| Au | 0.001-1 | ICP-MS |
| Au | 0.05-100 | Ore grade ICP-MS |
| Pd | 0.001-10 (0.001-100) | ICP-AES |
| Pd | 0.001-1 | ICP-MS |
| Pd | 0.05-100 | Ore grade ICP-MS |
| Pt | 0.002-10 (0.005-100) | ICP-AES |
| Pt | 0.0005-1 | ICP-MS |
| Pt | 0.05-100 | Ore grade ICP-MS |

(limits in parentheses refer to Bondar Clegg analyses; all others are from ALS Chemex)

### X-RAY FLUORESCENCE SPECTROSCOPY (XRF)

| Element | Range, ppm |
|---|---|
| Ba | 10-10,000 |
| Sn | 10-10,000 |
| W | 10-10,000 |

### ATOMIC ABSORPTION SPECTROSCOPY (AA)

| Element | Range, ppm |
|---|---|
| Cu | 0.01-30% |
| Pb | 0.01-30% |
| Zn | 0.01-30% |

## INDUCTIVELY COUPLED ARGON PLASMA (ICP) SPECTROSCOPY

| Element | Range, ppm partial digestion | Range, ppm total digestion | Element | Range, ppm partial digestion | Range, ppm total digestion |
|---|---|---|---|---|---|
| Ag | 0.2-100 (0.2-200) | 0.5-200 | Na | 0.01-15% (0.01-10%) | 0.01-10% |
| Al | 0.01-15% (0.01-10%) | 0.01-10% | Nb | (1-10,000) | 5-2000 |
| As | 2-10,000 (5-10,000) | 5-10,000 | Ni | 1-10,000 (1-20,000) | 1-20,000 |
| B | 10-10,000 | | P | 10-10,000 | |
| Ba | 10-10,000 (1-2000) | 5-2000 | Pb | 2-10,000 | 2-10,000 |
| Be | 0.5-100 | | S | 0.01-10% | 0.002-10% |
| Bi | 2-10,000 (5-2000) | 5-2000 | Sb | 2-10,000 (5-2000) | 5-2000 |
| Ca | 0.01-15% (0.01-10%) | 0.01-10% | Sc | 1-10,000 (5-2000) | 5-20,000 |
| Cd | 0.5-500 (0.2-2000) | 1.0-2000 | Sr | 1-10,000 (1-2000) | 1-10,000 |
| Co | 1-10,000 (1-20,000) | 1-20,000 | Sn | (20-2000) | 20-2000 |
| Cr | 1-10,000 (1-20,000) | 2-20,000 | Ta | (10-1000) | 5-2000 |
| Cu | 1-10,000 | 1-20,000 | Te | (10-2000) | 25-2000 |
| Fe | 0.01-15% (0.01-10%) | 0.01-10% | Ti | 0.01-10% | 0.01-10% |
| Ga | 10-10,000 (2-10,000) | 10-2000 | Tl | 10-10,000 | |
| Hg* | 0.01-100 (0.010-20) | | U | 10-10,000 | |
| K | 0.01-10% | 0.01-10% | V | 1-10,000 (1-20,000) | 2-2000 |
| La | 10-10,000 (1-2000) | 5-2000 | W | 10-10,000 (20-2000) | 20-2000 |
| Li | (1-20,000) | 2-2000 | Y | (1-2000) | 5-2000 |
| Mg | 0.01-15% (0.01-10%) | 0.01-10% | Zn | 2-10,000 (1-10,000) | 2-10,000 |
| Mn | 5-10,000 (1-20,000) | 5-20,000 | Zr | (1-5000) | 5-2000 |
| Mo | 1-10,000 | 1-20,000 | | | |

Partial digestion analyses for ICP reflect detection limits of ALS Chemex. Bondar Clegg dectection limits for partial digestion analyses are shown in parentheses where they differ from ALS Chemex. All total digestion detection limits are those reported by Bondar Clegg.
* analyzed by cold vapor AA

## ANALYTICAL RESULTS FOR SAMPLES FROM MINES, PROSPECTS, MINERAL OCCURRENCES, AND RECONNAISSANCE INVESTIGATIONS

Analytical and sample data are presented in tables 1 to 7. In addition to the analytical results, the following information may be listed in some of the tables: map number, sample number, sample site, sample type, sampling method, and sample size. The results are organized in the tables by map number, as presented on plates 1 to 3.

Sample locations are plotted by map number as follows:

Tables 1 and 2: Placer and sluice concentrate sample locations on plate 2
Tables 3 and 4: Rock chip sample locations on plate 1
Tables 5 and 6: Stream sediment and pan concentrate sample locations on plate 2
Table 7: USGS stream sediment sample locations on plate 3.

### ABBREVIATIONS

***Sample types:***

| | | | |
|---|---|---|---|
| PC | pan concentrate | SC | sluice concentrate |
| PL | placer | SS | stream sediment |
| R | rock chip | | |

***Sampling method (Rock Chip)*:**

| | | | |
|---|---|---|---|
| CH | channel | RC | random chip |
| CC | chip channel | Rep | representative chip |
| C | continuous chip | S | select |
| G | grab | SC | spaced chip |

***Sample size:*** Sample sizes are given in feet. The sizes of spaced chip samples (SC) are given by the overall size of the sample followed by the sample spacing (“Int”), e.g., 10 feet @ 0.5-foot spacing.

***Sample sites:***

| | | | |
|---|---|---|---|
| FL | float | OC | outcrop |
| MD | mine dump | RC | rubblecrop |
| MT | mine tailings | TP | trench, pit, or cut |

## RESULTS OF PLACER AND SLUICE CONCENTRATE SAMPLE EVALUATION

The following table presents the results of placer and sluice concentrate sample processing by Don Keill, of the BLM's Northern Field Office in Fairbanks. He dried and sieved the samples and removed the coarse gold. He weighed, measured, and described the gold in each sample and examined each with a microscope, noting other conspicuous metals and minerals. He separated each sample into magnetic and non-magnetic fractions. The results of geochemical analysis of the fractions are presented in table 2.

The "Au wt (g)" column presents the weight of gold after separation from each placer concentrate. As much gold as possible was removed manually from the samples. Any gold that was too fine to be removed manually is included in the analytical results from the geochemical analysis of material sent to a commercial laboratory and presented in table 2. No attempt was made to determine the fineness of the gold.

The map numbers in table 1 correspond to the numbered locations on **plate 2**.

Abbreviations:

| | | | |
|---|---|---|---|
| wt | weight | oz | troy ounces |
| g | grams | $ | U.S. dollars |
| Vol | volume | @ | at |
| cy | bank cubic yards | | |

Table 1. Results of placer and sluice concentrate sample evaluation

| Map no. | Sample no. | Sample type | Location | Au wt (g) | Vol (cy) | oz/cy | $/cy @ $350/oz |
|---|---|---|---|---|---|---|---|
| 27 | 10435 | SC | Broxson Gulch | 0.2833 | | | **$ -** |
| 30 | 10415 | SC | Broxson Gulch | 0.0769 | | | **$ -** |
| 33 | 10437 | PL | Specimen Creek | 0.0486 | 0.1 | **0.0156** | **$ 5.47** |
| 37 | 10436 | PL | Specimen Creek | 0.182 | 0.1 | **0.0585** | **$ 20.48** |
| 41 | 10515 | PL | Rainy Creek | 0.0212 | 0.1 | **0.0068** | **$ 2.39** |
| 42 | 10414 | SC | Rainy Creek | 0.0327 | | | **$ -** |
| 42 | 10514 | PL | Rainy Creek | 0.0496 | 0.1 | **0.0159** | **$ 5.58** |
| 59 | 10511 | SC | W. Fork Chistochina | 0 | | | **$ -** |
| 67 | 10409 | PL | Chistochina River | 0.1342 | 0.125 | **0.0345** | **$ 12.08** |
| 69 | 10403 | SC | Big 4 Creek | 0.4528 | | | **$ -** |
| 70 | 10410 | PL | Big 4 Creek | 0.0169 | 0.1 | **0.0054** | **$ 1.90** |
| 71 | 10427 | PL | Big 4--Miller | 0.0162 | 0.05 | **0.0104** | **$ 3.65** |
| 72 | 10400 | PL | Miller Creek | 0.2596 | 0.1 | **0.0835** | **$ 29.21** |
| 73 | 10411 | PL | Miller Creek | 0.0159 | 0.05 | **0.0102** | **$ 3.58** |
| 73 | 10428 | PL | Miller Creek | 0.0053 | 0.05 | **0.0034** | **$ 1.19** |
| 76 | 10412 | PL | Chisna River | 0.0361 | 0.1 | **0.0116** | **$ 4.06** |
| 77 | 10454 | SC | Lower Chisna River | 0 | | | **$ -** |

## ANALYTICAL RESULTS FOR PLACER AND SLUICE CONCENTRATE SAMPLES

Placer and sluice concentrate samples were geochemically analyzed by a commercial laboratory after manual removal of coarse gold (weights of coarse gold from each sample are presented in table 1). The concentrates were processed by the laboratory like pan concentrate samples, so were dried and pulverized prior to analysis.

The magnetic versus nonmagnetic fractions of each sample are identified in table 2. New sample numbers have been given to the magnetic fraction of each sample to facilitate incorporation into the BLM's analytical database.

The map numbers in table 2 correspond to the numbered locations on **plate 2**.

Table 2. Analytical results for placer and sluice concentrate samples.

Note: In cases where analytical results are preceded by a ">" there was insufficient sample to analyze the over detection limits result.

| Map no. | Sample no. | Mag/ non mag | Type | Au ppm | Pt ppm | Pd ppm | Ag ppm | Al pct | As ppm | B ppm | Ba ppm | Be ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | 10435 | non mag | SC | 97.2 | 0.007 | 0.007 | 5.9 | 1.59 | 30 | <10 | 70 | <0.5 | <2 | 0.5 | 0.5 | 18 | 129 | 47 | 3.23 | <10 |
| 27 | 10471 | mag | SC | 244 | 0.585 | 0.195 | 23.6 | 0.55 | <2 | <10 | 40 | <0.5 | 6 | 0.21 | 17.1 | 193 | 836 | 194 | 15 | 10 |
| 30 | 10415 | non mag | PL | 22.8 | 0.115 | 1.191 | 0.7 | 1.28 | 17 | 10 | 300 | <0.5 | <2 | 0.4 | 0.5 | 40 | 126 | 97 | 3.12 | <10 |
| 30 | 10468 | mag | PL | 3.342 | 37 | 94.2 | <0.2 | 0.41 | <2 | <10 | 30 | <0.5 | 4 | 0.09 | 5.6 | 865 | 275 | 1155 | 15 | 70 |
| 33 | 10437 | non mag | PL | 8.95 | 0.005 | 0.006 | 2.4 | 1.93 | 25 | <10 | 40 | <0.5 | <2 | 0.73 | 0.5 | 26 | 200 | 91 | 3.67 | <10 |
| 33 | 10473 | mag | PL | 0.066 | 1.445 | 0.049 | 1 | 0.23 | <2 | <10 | 10 | <0.5 | 45 | 0.11 | 21.8 | 247 | 232 | 161 | 15 | <10 |
| 37 | 10436 | non mag | PL | 16.7 | 0.005 | 0.006 | 0.3 | 1.71 | 27 | <10 | 30 | <0.5 | <2 | 0.82 | <0.5 | 21 | 219 | 48 | 2.79 | <10 |
| 37 | 10472 | mag | PL | 9.698 | 0.069 | 0.026 | 1.1 | 0.48 | 9 | <10 | 20 | <0.5 | 37 | 0.21 | 19.8 | 128 | 378 | 115 | 15 | 10 |
| 41 | 10515 | non mag | PL | 1.375 | <0.005 | 0.006 | 0.2 | 1.47 | <2 | <10 | 40 | <0.5 | <2 | 0.74 | 0.6 | 34 | 175 | 46 | 4.05 | <10 |
| 41 | 10477 | mag | PL | 0.092 | 0.444 | 0.029 | 1.1 | 0.53 | <2 | <10 | 30 | <0.5 | 9 | 0.32 | 15.8 | 74 | 677 | 75 | 15 | 10 |
| 42 | 10414 | non mag | SC | 9.979 | 0.008 | 0.018 | <0.2 | 1.43 | 8 | <10 | 60 | <0.5 | <2 | 0.5 | <0.5 | 23 | 141 | 46 | 3.75 | <10 |
| 42 | 10467 | mag | SC | 9.41 | 0.985 | 0.209 | 0.9 | 0.34 | <2 | <10 | 30 | <0.5 | <2 | 0.18 | 13.6 | 89 | 266 | 202 | 15 | 10 |
| 42 | 10514 | non mag | PL | 0.028 | 0.008 | 0.008 | 0.3 | 1.76 | 16 | <10 | 180 | <0.5 | <2 | 0.89 | <0.5 | 26 | 192 | 52 | 3.64 | <10 |
| 42 | 10476 | mag | PL | 4.167 | 0.075 | 0.022 | 1.5 | 0.43 | <2 | <10 | 30 | <0.5 | 6 | 0.27 | 16.6 | 76 | 434 | 97 | 15 | 10 |
| 59 | 10511 | non mag | SC | 0.618 | 0.005 | 0.006 | 0.6 | 1.38 | 24 | 10 | 200 | <0.5 | 2 | 1.8 | 1.6 | 22 | 102 | 72 | 6.1 | <10 |
| 59 | 10475 | mag | SC | 0.01 | 0.047 | 0.049 | 0.9 | 0.53 | <2 | <10 | 40 | <0.5 | <2 | 0.64 | 28.2 | 102 | 326 | 76 | 15 | 20 |
| 67 | 10409 | non mag | PL | 10.5 | 0.013 | 0.009 | 0.6 | 1.29 | 76 | <10 | 40 | <0.5 | <2 | 1.06 | 1 | 38 | 74 | 199 | 5.91 | <10 |
| 67 | 10463 | mag | PL | >10 | 0.418 | 0.06 | 1.3 | 0.96 | 29 | <10 | 120 | 0.6 | <2 | 1.15 | 14.8 | 66 | 2230 | 142 | 15 | 10 |
| 69 | 10403 | non mag | SC | >1000 | 0.076 | 0.001 | 80.3 | 0.59 | 28 | 10 | 310 | <0.5 | <2 | 0.38 | 3.1 | 43 | 271 | 6670 | 15 | 10 |
| 69 | 10462 | mag | SC | 77.7 | 0.039 | 0.014 | 60.9 | 0.26 | 7 | 10 | 40 | <0.5 | <2 | 0.14 | 3.3 | 38 | 2250 | 74 | 15 | 10 |
| 70 | 10410 | non mag | PL | 61.3 | 0.008 | 0.006 | <0.2 | 1.39 | 29 | 10 | 60 | <0.5 | 9 | 0.56 | <0.5 | 32 | 233 | 51 | 8.01 | <10 |
| 70 | 10464 | mag | PL | 32.8 | 0.042 | 0.011 | 1 | 0.79 | 5 | 10 | 60 | 0.5 | <2 | 0.35 | 10.5 | 72 | 2770 | 41 | 15 | 20 |
| 71 | 10427 | non mag | PL | 113.5 | 0.005 | 0.009 | 0.2 | 1.47 | 26 | 10 | 50 | <0.5 | <2 | 0.4 | 0.9 | 34 | 157 | 58 | 6.27 | <10 |
| 71 | 10469 | mag | PL | 13.2 | 0.065 | 0.128 | <0.2 | 0.9 | 13 | <10 | 50 | <0.5 | <2 | 0.29 | 11.5 | 89 | 1675 | 40 | 15 | 20 |
| 72 | 10400 | non mag | PL | 63.8 | 0.016 | 0.006 | 2.3 | 2.34 | 32 | 10 | 210 | <0.5 | <2 | 1.08 | 1.1 | 30 | 115 | 764 | 8.21 | <10 |
| 72 | 10461 | mag | PL | 12.5 | 0.029 | 0.016 | <0.2 | 0.7 | <2 | <10 | 70 | <0.5 | <2 | 0.35 | 5.1 | 50 | 1130 | 35 | 15 | 10 |
| 73 | 10411 | non mag | PL | 0.545 | <0.005 | 0.005 | <0.2 | 1.88 | 11 | <10 | 20 | <0.5 | <2 | 0.21 | 0.5 | 16 | 89 | 36 | 4.03 | <10 |
| 73 | 10465 | mag | PL | 0.935 | 0.06 | 0.023 | <0.2 | 1.01 | 5 | <10 | 30 | <0.5 | 4 | 0.35 | 13.4 | 49 | 1110 | 24 | 15 | 20 |
| 73 | 10428 | non mag | PL | 0.102 | <0.005 | 0.005 | <0.2 | 1.82 | 23 | <10 | 40 | <0.5 | <2 | 0.24 | 0.5 | 23 | 120 | 41 | 4.73 | <10 |
| 73 | 10470 | mag | PL | | | | 0.2 | 1.23 | 12 | 10 | 50 | 0.5 | 8 | 0.22 | 12.2 | 95 | 4480 | 36 | 15 | 20 |
| 76 | 10412 | non mag | PL | 0.238 | <0.005 | 0.009 | <0.2 | 1.35 | 17 | <10 | 60 | <0.5 | 7 | 0.51 | <0.5 | 12 | 34 | 29 | 2.46 | <10 |
| 76 | 10466 | mag | PL | 69.3 | 2.17 | 0.033 | 4.9 | 0.9 | 5 | <10 | 40 | 0.5 | 21 | 0.53 | 13 | 79 | 520 | 33 | 15 | 20 |
| 77 | 10454 | non mag | SC | >10 | 0.071 | 0.019 | 25 | 1.9 | 7 | <10 | 80 | <0.5 | <2 | 1.5 | 6.2 | 44 | 604 | 58 | 15 | 10 |
| 77 | 10474 | mag | SC | 0.052 | 0.03 | 0.016 | 0.9 | 0.51 | <2 | <10 | 30 | <0.5 | <2 | 0.39 | 19.3 | 87 | 759 | 33 | 15 | 30 |

Table 2. Analytical results for placer and sluice concentrate samples.

Note: In cases where analytical results are preceded by a ">" there was insufficient sample to analyze the over detection limits result.

| Map no. | Sample no. | K pct | La ppm | Mg pct | Mn ppm | Mo ppm | Na pct | Ni ppm | P ppm | Pb ppm | S pct | Sb ppm | Sc ppm | Sr ppm | Ti pct | Tl ppm | U ppm | V ppm | W ppm | Zn ppm | Hg ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | 10435 | 0.08 | <10 | 1.77 | 481 | 1 | 0.03 | 133 | 700 | 773 | 0.09 | 6 | 3 | 19 | 0.09 | <10 | 10 | 51 | 30 | 115 | 7.94 |
| 27 | 10471 | 0.03 | <10 | 2.52 | 1055 | <1 | 0.02 | 3580 | <10 | 91 | <0.01 | <2 | 2 | <1 | 0.11 | <10 | 10 | 303 | 70 | 469 | 13.85 |
| 30 | 10415 | 0.11 | 10 | 1.34 | 462 | <1 | 0.02 | 242 | 370 | 4 | <0.01 | <2 | 4 | 17 | 0.07 | <10 | <10 | 62 | <10 | 225 | 4.68 |
| 30 | 10468 | 0.02 | <10 | 2.18 | 582 | 10 | <0.01 | >10000 | <10 | 63 | <0.01 | 25 | 1 | <1 | 0.02 | <10 | 10 | 43 | 60 | 153 | 0.04 |
| 33 | 10437 | 0.07 | <10 | 2.07 | 469 | <1 | 0.06 | 168 | 480 | <2 | 0.02 | <2 | 4 | 27 | 0.13 | <10 | 10 | 72 | 10 | 55 | 0.43 |
| 33 | 10473 | 0.01 | <10 | 2.47 | 663 | <1 | <0.01 | 4480 | <10 | 65 | <0.01 | <2 | <1 | <1 | 0.04 | <10 | 10 | 34 | 60 | 52 | 0.11 |
| 37 | 10436 | 0.04 | <10 | 1.9 | 360 | <1 | 0.07 | 178 | 440 | <2 | <0.01 | 3 | 4 | 28 | 0.14 | 10 | 10 | 56 | 10 | 49 | 1.18 |
| 37 | 10472 | 0.02 | <10 | 1.91 | 751 | <1 | 0.02 | 1110 | <10 | 46 | <0.01 | 7 | 1 | <1 | 0.13 | <10 | 20 | 237 | 60 | 70 | 1.42 |
| 41 | 10515 | 0.05 | 10 | 4.13 | 486 | <1 | 0.04 | 371 | 350 | <2 | <0.01 | <2 | 3 | 19 | 0.13 | <10 | 10 | 110 | 30 | 51 | 0.24 |
| 41 | 10477 | 0.02 | <10 | 2.07 | 826 | <1 | 0.02 | 549 | <10 | 28 | <0.01 | 8 | 2 | <1 | 0.26 | <10 | 10 | 1540 | 70 | 72 | 0.11 |
| 42 | 10414 | 0.05 | <10 | 2.27 | 380 | <1 | 0.02 | 201 | 370 | <2 | <0.01 | <2 | 3 | 18 | 0.07 | <10 | <10 | 110 | 10 | 53 | 0.93 |
| 42 | 10467 | 0.02 | <10 | 1.37 | 596 | <1 | <0.01 | 882 | <10 | 101 | <0.01 | <2 | 1 | <1 | 0.12 | <10 | 10 | 1000 | 60 | 58 | 0.52 |
| 42 | 10514 | 0.07 | <10 | 2.73 | 447 | <1 | 0.05 | 235 | 390 | <2 | 0.02 | <2 | 4 | 28 | 0.14 | <10 | 10 | 93 | 20 | 57 | 0.09 |
| 42 | 10476 | 0.02 | <10 | 1.38 | 761 | <1 | 0.01 | 431 | <10 | 35 | <0.01 | 6 | 1 | <1 | 0.24 | <10 | 10 | 1825 | 70 | 63 | 0.09 |
| 59 | 10511 | 0.15 | <10 | 1.09 | 511 | 1 | 0.07 | 48 | 660 | <2 | 0.29 | <2 | 6 | 63 | 0.11 | <10 | 10 | 211 | 30 | 105 | 0.29 |
| 59 | 10475 | 0.04 | <10 | 0.84 | 949 | <1 | 0.03 | 183 | <10 | 52 | <0.01 | <2 | 5 | <1 | 0.33 | <10 | 20 | 1670 | 70 | 62 | 0.29 |
| 67 | 10409 | 0.08 | <10 | 1 | 438 | 1 | 0.02 | 74 | 930 | 49 | 3.36 | 6 | 3 | 32 | 0.11 | 10 | 10 | 72 | 30 | 129 | 7.37 |
| 67 | 10463 | 0.09 | <10 | 0.94 | 1105 | <1 | 0.05 | 465 | <10 | 116 | 0.52 | <2 | 7 | <1 | 0.48 | <10 | 20 | 1565 | 50 | 218 | 38 |
| 69 | 10403 | 0.04 | 10 | 0.33 | 1355 | 5 | 0.02 | 88 | <10 | 1495 | 0.13 | 21 | 5 | <1 | 0.24 | <10 | 10 | 831 | 70 | 72 | >100 |
| 69 | 10462 | 0.01 | <10 | 0.28 | 881 | 16 | <0.01 | 652 | <10 | 77 | <0.01 | <2 | 3 | <1 | 0.13 | <10 | <10 | 640 | 60 | 36 | >100 |
| 70 | 10410 | 0.07 | 10 | 0.89 | 978 | 1 | 0.02 | 135 | 920 | 6 | <0.01 | 7 | 7 | 27 | 0.15 | <10 | <10 | 276 | 30 | 72 | 2.15 |
| 70 | 10464 | 0.03 | <10 | 0.67 | 1530 | <1 | 0.02 | 853 | <10 | 72 | <0.01 | <2 | 8 | <1 | 0.25 | <10 | 10 | 1015 | 60 | 69 | 1.22 |
| 71 | 10427 | 0.06 | <10 | 1.1 | 754 | <1 | 0.01 | 180 | 350 | <2 | <0.01 | 4 | 8 | 18 | 0.12 | <10 | <10 | 194 | 30 | 69 | 0.4 |
| 71 | 10469 | 0.02 | <10 | 0.88 | 1595 | <1 | <0.01 | 633 | <10 | 48 | <0.01 | <2 | 11 | <1 | 0.33 | <10 | 10 | 1240 | 70 | 61 | 0.32 |
| 72 | 10400 | 0.21 | <10 | 1.59 | 771 | <1 | 0.03 | 67 | 770 | 210 | 0.01 | <2 | 7 | 27 | 0.15 | <10 | 10 | 285 | 40 | 143 | >100 |
| 72 | 10461 | 0.05 | <10 | 0.51 | 852 | <1 | 0.01 | 325 | <10 | 64 | <0.01 | <2 | 5 | <1 | 0.2 | <10 | <10 | 1030 | 50 | 58 | 23 |
| 73 | 10411 | 0.05 | <10 | 0.88 | 398 | <1 | <0.01 | 65 | 560 | 2 | <0.01 | <2 | 6 | 7 | 0.05 | <10 | <10 | 88 | 10 | 82 | 1.63 |
| 73 | 10465 | 0.04 | <10 | 0.5 | 715 | 2 | 0.02 | 296 | 140 | 40 | <0.01 | 11 | 9 | 46 | 0.23 | <10 | 20 | 1485 | <10 | 60 | 0.87 |
| 73 | 10428 | 0.06 | <10 | 1.03 | 620 | 1 | <0.01 | 108 | 590 | <2 | <0.01 | <2 | 6 | 12 | 0.07 | <10 | <10 | 109 | 20 | 84 | 0.33 |
| 73 | 10470 | 0.03 | <10 | 0.9 | 1660 | <1 | 0.01 | 1375 | <10 | 48 | <0.01 | <2 | 9 | <1 | 0.21 | <10 | 10 | 869 | 70 | 92 | 0.44 |
| 76 | 10412 | 0.05 | <10 | 0.85 | 370 | <1 | 0.02 | 28 | 680 | 4 | <0.01 | <2 | 3 | 14 | 0.1 | <10 | 10 | 62 | <10 | 62 | 0.68 |
| 76 | 10466 | 0.04 | <10 | 0.59 | 689 | <1 | 0.04 | 148 | <10 | 83 | <0.01 | <2 | 5 | <1 | 0.5 | <10 | 10 | 1965 | 60 | 95 | 0.66 |
| 77 | 10454 | 0.13 | <10 | 1.38 | 974 | <1 | 0.17 | 120 | 430 | 94 | <0.01 | 3 | 11 | 55 | 0.63 | <10 | 10 | 819 | 60 | 87 | 1.3 |
| 77 | 10474 | 0.02 | <10 | 0.48 | 749 | <1 | 0.02 | 268 | <10 | 48 | <0.01 | 2 | 3 | <1 | 0.46 | <10 | 10 | 2100 | 70 | 80 | 0.17 |

## ANALYTICAL RESULTS FOR ROCK CHIP SAMPLES – PARTIAL DIGESTION

The map numbers in table 3 correspond to the numbered locations on **plate 1**.

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Site | Method | Size (ft) | Int | Au ppm | Ag ppm | Al pct | As ppm | B ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | Hg ppm | K pct | La ppm | Li ppm | Mg pct | Mn ppm | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6988 | OC | G | | | 1.498 | 9.5 | 0.28 | 4033 | | 57 | 14 | 0.62 | 12.7 | 9 | 147 | 11 | 4.24 | 2 | 0.094 | 0.15 | 9 | 1 | 0.31 | 1216 | 23 |
| 2 | 1024 | RC | S | | | 0.013 | <0.2 | 0.23 | 14 | | 93 | <5 | 0.18 | 0.8 | 1 | 191 | 14 | 1.27 | <2 | 0.572 | 0.11 | 4 | 3 | 0.17 | 256 | 2833 |
| 2 | 6987 | RC | S | | | 0.015 | 0.5 | 0.63 | 136 | | 30 | <5 | 0.14 | 1.9 | 7 | 124 | 143 | 2.74 | 3 | 20 | 0.27 | 7 | 4 | 0.14 | 56 | 35 |
| 3 | 6972 | OC | G | | | 0.018 | <0.2 | 0.49 | <5 | | 19 | 12 | 0.47 | <0.2 | 35 | 13 | 1332 | >10 | 12 | 0.027 | 0.18 | 2 | <1 | 0.23 | 1710 | <1 |
| 3 | 9758 | RC | Rep | 4 | | 0.001 | <0.2 | 0.81 | <5 | | 16 | 9 | 1.2 | <0.2 | 100 | 16 | 699 | >10 | 16 | 0.022 | <0.01 | 4 | 2 | 0.38 | 832 | <1 |
| 4 | 10172 | FL | C | 3 | | 0.002 | <0.2 | 2.71 | <2 | <10 | 1280 | <2 | 0.25 | <0.5 | 12 | 192 | 53 | 4.02 | 20 | <0.01 | 1.82 | 10 | | 1.92 | 531 | 1 |
| 4 | 10173 | FL | S | | | 0.004 | 0.2 | 1.27 | <2 | <10 | 1230 | <2 | 0.1 | <0.5 | 7 | 86 | 61 | 3.52 | <10 | <0.01 | 0.29 | 10 | | 0.73 | 136 | 1 |
| 5 | 6973 | OC | G | | | 0.016 | <0.2 | 0.47 | <5 | | 56 | <5 | 2.27 | <0.2 | 29 | 78 | 73 | >10 | 5 | 0.072 | 0.1 | 2 | 1 | 0.16 | 1531 | <1 |
| 6 | 6967 | RC | S | | | 0.075 | 30.1 | 0.67 | <5 | | 14 | 151 | 0.12 | 43.6 | 88 | 38 | 3909 | >10 | 12 | 0.48 | 0.02 | <1 | 2 | 0.42 | 697 | <1 |
| 6 | 6968 | RC | S | | | 0.013 | 1.5 | 0.71 | <5 | | 20 | <5 | 0.05 | 14.7 | 24 | 193 | 3956 | 5.58 | 4 | 0.124 | 0.06 | 3 | 3 | 0.46 | 566 | 1 |
| 6 | 6969 | RC | S | | | 0.097 | 1.3 | 0.93 | 19 | | 15 | 22 | 0.46 | 2.3 | 87 | 42 | 2224 | >10 | 14 | 0.068 | 0.02 | <1 | 2 | 0.55 | 1701 | <1 |
| 6 | 6970 | RC | S | | | 0.064 | 25 | 0.24 | <5 | | 24 | 107 | 5.71 | 80.4 | 7 | 131 | 636 | 5.84 | 2 | 0.666 | 0.11 | <1 | <1 | 0.26 | 4134 | 2 |
| 6 | 6971 | RC | S | | | 0.059 | <0.2 | 0.37 | <5 | | 52 | 19 | 5.33 | 23.2 | 3 | 18 | 275 | 6.91 | 3 | 0.118 | 0.19 | 3 | <1 | 0.21 | 8772 | <1 |
| 6 | 9755 | RC | Rep | 1.5 | | 0.083 | 6.9 | 0.1 | <5 | | 14 | 16 | 4.38 | 141.9 | 64 | 14 | **1.39%** | >10 | 7 | 0.548 | 0.07 | <1 | <1 | 0.8 | 7646 | <1 |
| 6 | 9756 | RC | Rep | | | 0.003 | 1 | 0.62 | <5 | | 16 | <5 | 0.06 | 3 | 245 | 19 | 2911 | >10 | 14 | 0.143 | <0.01 | <1 | 2 | 0.44 | 486 | <1 |
| 6 | 9757 | RC | Rep | 1 | | 0.032 | 26.6 | 0.85 | <5 | | 10 | 76 | 0.19 | 151.3 | 15 | 38 | **1.63%** | >10 | 11 | 0.43 | <0.01 | <1 | 2 | 0.55 | 1474 | <1 |
| 7 | 10171 | FL | S | | | 0.004 | 0.4 | 1.52 | 2 | <10 | 2470 | <2 | 0.01 | 0.7 | 12 | 88 | 83 | 2.25 | 10 | 0.01 | 0.18 | 10 | | 0.34 | 70 | 3 |
| 8 | 10048 | OC | G | | | 0.001 | <0.2 | 0.59 | 31 | <10 | 1670 | <2 | 0.06 | <0.5 | 10 | 63 | 86 | 1.88 | <10 | 0.17 | 0.07 | <10 | | 0.03 | 232 | 1 |
| 9 | 10165 | OC | Rep | | | 0.001 | <0.2 | 0.31 | 4 | <10 | 160 | 13 | 0.25 | 17.3 | 46 | 8 | 9 | 15 | 100 | 0.03 | 0.03 | 40 | | 0.19 | 5930 | 4 |
| 10 | 6985 | RC | S | | | <0.001 | <0.2 | 0.41 | 11 | | 61 | <5 | 0.11 | <0.2 | 8 | 139 | 49 | 5.52 | 3 | <0.01 | 0.05 | 7 | <1 | 0.05 | 2936 | <1 |
| 10 | 10175 | OC | S | | | <0.001 | <0.2 | 1.71 | 8 | <10 | 2700 | <2 | 0.1 | <0.5 | 18 | 62 | 5 | 3.45 | 10 | 0.01 | 0.84 | 10 | | 0.51 | 411 | <1 |
| 11 | 10174 | OC | S | | | 0.01 | <0.2 | 1.65 | 6 | <10 | 5140 | <2 | 0.07 | <0.5 | 23 | 57 | 110 | 4.43 | 10 | <0.01 | 0.14 | 20 | | 1.33 | 333 | <1 |
| 12 | 6986 | RC | S | | | <0.001 | 0.2 | 0.32 | 10 | | 62 | <5 | 0.05 | <0.2 | <1 | 103 | 5 | 0.71 | 2 | <0.01 | 0.22 | 9 | 3 | 0.06 | 28 | 4 |
| 13 | 10100 | OC | C | 5 | | 0.019 | 0.6 | 0.13 | 515 | <10 | 150 | <2 | 0.03 | <0.5 | 1 | 128 | 17 | 0.73 | <10 | 0.19 | 0.04 | <10 | | 0.08 | 52 | <1 |
| 13 | 10101 | OC | C | 4.5 | | 0.015 | 0.4 | 0.63 | 1080 | <10 | 1910 | <2 | 0.06 | <0.5 | 9 | 23 | 45 | 4.55 | <10 | 0.36 | 0.19 | <10 | | 0.25 | 309 | <1 |
| 13 | 10102 | OC | C | 12 | | 0.009 | <0.2 | 0.05 | 81 | <10 | 30 | <2 | 0.01 | <0.5 | <1 | 173 | 6 | 0.42 | <10 | 0.05 | 0.01 | <10 | | 0.01 | 19 | 1 |
| 13 | 10103 | OC | C | 5.5 | | 0.052 | 0.4 | 0.45 | 1665 | <10 | 1610 | 6 | 0.42 | <0.5 | 18 | 27 | 52 | 5.34 | <10 | 0.41 | 0.18 | <10 | | 0.53 | 716 | <1 |
| 13 | 10104 | OC | S | 1 | | 0.107 | 5 | 0.4 | 1625 | <10 | 1030 | 7 | 0.05 | <0.5 | 11 | 63 | 32 | 3.04 | <10 | 1.53 | 0.12 | <10 | | 0.06 | 123 | <1 |
| 13 | 10105 | OC | G | 1 | | 0.108 | 0.2 | 0.11 | 1110 | <10 | 320 | <2 | 0.01 | <0.5 | 1 | 84 | 8 | 1.72 | <10 | 0.11 | 0.07 | <10 | | 0.02 | 95 | <1 |
| 13 | 10304 | FL | G | | | 2.49 | 303 | 0.05 | 683 | <10 | <10 | 580 | 0.08 | 3.4 | 13 | 115 | 162 | 1.08 | <10 | 0.1 | <0.01 | <10 | | 0.04 | 44 | 2 |
| 14 | 10111 | FL | S | | | 0.057 | 0.4 | 0.52 | 7410 | <10 | 200 | 5 | 6.05 | 0.9 | 6 | 18 | 49 | 3.93 | <10 | 0.39 | 0.03 | <10 | | 2.06 | 1870 | <1 |
| 15 | 10301 | OC | C | 1.5 | | 0.027 | 3.4 | 0.13 | 240 | <10 | 1270 | 8 | 0.13 | 1 | 1 | 80 | 63 | 2.02 | <10 | 1.24 | 0.15 | <10 | | 0.04 | 118 | 1 |
| 16 | 10300 | OC | Rep | 1 | | 0.008 | <0.2 | 0.18 | 1145 | <10 | 430 | <2 | 0.34 | <0.5 | 7 | 134 | 50 | 1.25 | <10 | 0.07 | 0.1 | <10 | | 0.03 | 241 | 1 |
| 17 | 1043 | OC | SC | 5 | 1 | 0.094 | 2 | 0.74 | 53 | | 19 | <5 | 5.1 | 0.6 | 34 | 44 | 1235 | 6.41 | <2 | 0.125 | 0.04 | 3 | 3 | 0.89 | 503 | 6 |
| 17 | 2680 | OC | Rep | | | 0.004 | <0.2 | 1.72 | 57 | | 15 | <5 | 10 | 0.3 | 21 | 114 | 32 | 4.34 | <2 | 0.03 | <0.01 | 14 | 19 | 2.66 | 4653 | <1 |
| 18 | 10021 | TP | SC | 23 | 1 | 0.094 | 9.3 | 3.61 | <2 | <10 | 130 | <2 | 0.73 | <0.5 | 49 | 141 | **2.44%** | 5.87 | 20 | 0.75 | <0.01 | 10 | | 3.84 | 958 | <1 |
| 18 | 10022 | TP | SC | 8.5 | 0.5 | 0.068 | 8.6 | 1.7 | <2 | <10 | 130 | <2 | 0.72 | <0.5 | 22 | 97 | **2.45%** | 3.2 | 10 | 0.65 | <0.01 | <10 | | 1.68 | 454 | <1 |
| 18 | 10023 | OC | SC | 6 | 1 | 0.008 | 0.6 | 2.64 | <2 | <10 | 170 | <2 | 0.95 | <0.5 | 35 | 143 | 1500 | 5.1 | 20 | 0.04 | <0.01 | 10 | | 2.68 | 674 | <1 |
| 18 | 10024 | MD | S | | | 0.323 | 49.3 | 2.03 | <2 | <10 | 100 | <2 | 0.37 | <0.5 | 24 | 96 | **16%** | 3.31 | 10 | 4.86 | <0.01 | <10 | | 1.97 | 556 | <1 |
| 19 | 10164 | FL | S | | | 0.005 | 0.8 | 1.52 | 5 | <10 | 110 | <2 | 2.19 | 1.3 | 16 | 65 | 4950 | 2.13 | 10 | 0.12 | <0.01 | <10 | | 1.08 | 391 | <1 |
| 19 | 10504 | OC | C | 1 | | 0.004 | 1.5 | 1.25 | 2 | <10 | 70 | 5 | 2.37 | <0.5 | 6 | 93 | 3570 | 1.43 | <10 | 0.02 | <0.01 | <10 | | 0.24 | 201 | 1 |
| 20 | 10317 | RC | G | | | 0.007 | 1.8 | 0.35 | 55 | <10 | 150 | 3 | 0.84 | <0.5 | 2 | 37 | **2.33%** | 0.56 | <10 | 0.19 | <0.01 | <10 | | 0.11 | 135 | <1 |
| 21 | 10318 | OC | C | 5 | | 0.004 | 0.6 | 3.71 | 17 | <10 | 290 | 6 | 0.43 | 5.5 | 52 | 150 | **1.22%** | 8.8 | 10 | 0.15 | 0.02 | <10 | | 3.43 | 942 | 14 |
| 21 | 10319 | OC | C | | | 0.011 | 0.8 | 2.05 | 26 | <10 | 210 | <2 | 0.44 | 5 | 21 | 96 | **4.87%** | 9.62 | <10 | 0.08 | 0.02 | <10 | | 1.95 | 652 | 17 |
| 21 | 10320 | OC | G | | | 0.002 | 0.8 | 1.29 | 10 | <10 | 40 | 7 | 0.92 | 1.4 | 17 | 94 | **2%** | 4.21 | <10 | 0.05 | <0.01 | <10 | | 1.27 | 357 | 10 |
| 22 | 10531 | OC | Rep | | | 0.005 | 0.2 | 4.67 | <2 | <10 | 140 | 6 | 1.92 | 0.6 | 32 | 77 | 171 | 5.08 | 10 | 0.01 | 0.05 | <10 | | 2.55 | 591 | <1 |

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Na pct | Nb ppm | Ni ppm | P ppm | Pb ppm | Pd ppm | Pt ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | Tl ppm | U ppm | V ppm | W ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6988 | 0.02 | 1 | 11 | | 846 | <0.001 | <0.005 | 0.43 | 6 | 7 | <20 | 10 | <10 | <10 | <0.01 | | | 38 | <20 | 13 | 115 | 4 |
| 2 | 1024 | 0.02 | 1 | 6 | | 22 | 0.01 | <0.005 | 0.24 | <5 | <5 | <20 | 11 | <10 | <10 | 0.021 | | | 28 | 66 | 3 | 30 | <1 |
| 2 | 6987 | <0.01 | 6 | 63 | | 10 | 0.004 | <0.005 | 2.13 | <5 | <5 | <20 | 14 | <10 | <10 | <0.01 | | | 96 | <20 | 5 | 150 | 3 |
| 3 | 6972 | <0.01 | <1 | 11 | | 18 | 0.003 | <0.005 | 10 | <5 | <5 | <20 | 18 | <10 | 23 | 0.021 | | | 8 | <20 | 2 | 72 | <1 |
| 3 | 9758 | <0.01 | <1 | 6 | | 27 | <0.001 | 0.006 | 10 | <5 | <5 | <20 | 21 | <10 | 27 | 0.012 | | | 10 | <20 | 3 | 100 | <1 |
| 4 | 10172 | 0.09 | | 65 | 880 | 4 | 0.003 | 0.0015 | 0.33 | <2 | 13 | <5 | 12 | | | 0.26 | <10 | 40 | 163 | <10 | | 140 | |
| 4 | 10173 | 0.02 | | 19 | 370 | 2 | 0.003 | 0.0015 | 0.43 | 2 | 2 | <5 | <1 | | | 0.06 | <10 | <10 | 45 | 10 | | 91 | |
| 5 | 6973 | <0.01 | <1 | 8 | | 8 | 0.001 | <0.005 | 5.6 | <5 | <5 | <20 | 22 | <10 | <10 | 0.038 | | | 6 | <20 | 2 | 72 | <1 |
| 6 | 6967 | <0.01 | <1 | 27 | | 3542 | 0.005 | <0.005 | 10 | <5 | <5 | <20 | 6 | <10 | 28 | <0.01 | | | 9 | <20 | 1 | 9398 | <1 |
| 6 | 6968 | <0.01 | <1 | 14 | | 33 | <0.001 | <0.005 | 3.46 | <5 | <5 | <20 | 2 | <10 | <10 | 0.031 | | | 9 | <20 | 1 | 3237 | <1 |
| 6 | 6969 | <0.01 | <1 | 7 | | 81 | 0.002 | <0.005 | 10 | <5 | <5 | <20 | 9 | <10 | 21 | <0.01 | | | 9 | <20 | 1 | 592 | <1 |
| 6 | 6970 | <0.01 | <1 | 6 | | 7382 | <0.001 | <0.005 | 3.67 | <5 | <5 | <20 | 103 | <10 | <10 | <0.01 | | | 3 | <20 | <1 | **2.65%** | <1 |
| 6 | 6971 | 0.04 | <1 | 2 | | 64 | <0.001 | <0.005 | 1.78 | <5 | <5 | <20 | 54 | <10 | <10 | <0.01 | | | 2 | 21 | 2 | 5039 | <1 |
| 6 | 9755 | <0.01 | <1 | 5 | | 204 | <0.001 | <0.005 | 9.1 | <5 | <5 | <20 | 219 | <10 | 18 | <0.01 | | | 4 | 22 | 1 | **4.91%** | <1 |
| 6 | 9756 | <0.01 | <1 | 10 | | 114 | 0.003 | 0.011 | 10 | <5 | <5 | <20 | 2 | <10 | 22 | <0.01 | | | 14 | <20 | <1 | 839 | <1 |
| 6 | 9757 | <0.01 | <1 | 6 | | >1000 | 0.001 | <0.005 | 10 | <5 | <5 | <20 | 10 | <10 | 19 | <0.01 | | | 7 | 32 | 1 | **7.49%** | <1 |
| 7 | 10171 | 0.02 | | 48 | 60 | <2 | 0.003 | 0.0014 | 1.09 | <2 | 1 | <5 | 7 | | | 0.01 | <10 | <10 | 73 | <10 | | 28 | |
| 8 | 10048 | 0.01 | | 17 | 20 | 5 | 0.001 | 0.0009 | 0.03 | <2 | 6 | <5 | 6 | | | 0.01 | <10 | <10 | 23 | <10 | | 63 | |
| 9 | 10165 | 0.01 | | 16 | 430 | 26 | <0.001 | <0.000 | 0.01 | <2 | 2 | 8 | <1 | | | 0.01 | <10 | <10 | 32 | 10 | | 92 | |
| 10 | 6985 | <0.01 | <1 | 18 | | 9 | <0.001 | <0.005 | <0.01 | <5 | <5 | <20 | 23 | <10 | <10 | <0.01 | | | 22 | <20 | 5 | 72 | <1 |
| 10 | 10175 | 0.02 | | 32 | 130 | 18 | 0.001 | <0.000 | 0.01 | 3 | 13 | <5 | 15 | | | 0.13 | <10 | <10 | 53 | 10 | | 143 | |
| 11 | 10174 | 0.02 | | 26 | 240 | 2 | 0.001 | 0.0007 | 1.27 | <2 | 2 | <5 | <1 | | | 0.03 | <10 | <10 | 23 | <10 | | 49 | |
| 12 | 6986 | 0.08 | 3 | 9 | | 40 | <0.001 | <0.005 | 0.25 | <5 | <5 | <20 | 8 | <10 | <10 | <0.01 | | | 2 | <20 | 17 | 32 | 29 |
| 13 | 10100 | 0.01 | | 8 | 30 | 93 | <0.001 | <0.005 | 0.12 | 52 | <1 | <5 | 5 | | | <0.01 | <10 | <10 | 4 | 10 | | 20 | |
| 13 | 10101 | 0.01 | | 28 | 240 | 53 | 0.001 | <0.005 | 0.69 | 42 | 4 | <5 | 9 | | | <0.01 | <10 | <10 | 13 | 20 | | 133 | |
| 13 | 10102 | 0.01 | | 5 | 10 | 8 | 0.001 | <0.005 | 0.04 | 4 | <1 | <5 | 2 | | | <0.01 | <10 | <10 | 1 | <10 | | 4 | |
| 13 | 10103 | 0.01 | | 50 | 180 | 21 | 0.001 | <0.005 | 1.24 | 36 | 5 | <5 | 32 | | | <0.01 | <10 | <10 | 8 | 30 | | 238 | |
| 13 | 10104 | 0.01 | | 20 | 100 | 607 | <0.001 | <0.005 | 2.07 | 333 | 2 | <5 | 7 | | | <0.01 | <10 | <10 | 5 | 30 | | 64 | |
| 13 | 10105 | 0.01 | | 6 | 30 | 7 | <0.001 | <0.005 | 1.18 | 11 | <1 | <5 | 15 | | | <0.01 | <10 | <10 | 2 | 10 | | 5 | |
| 13 | 10304 | 0.01 | | 577 | 460 | **7.69%** | 0.007 | <0.005 | 2.35 | **2.79%** | 1 | 67 | 25 | | | <0.01 | <10 | <10 | 4 | <10 | | 12 | |
| 14 | 10111 | 0.01 | | 14 | 1320 | 19 | <0.001 | <0.005 | 1.28 | 39 | 11 | <5 | 701 | | | <0.01 | <10 | <10 | 6 | 40 | | 96 | |
| 15 | 10301 | 0.01 | | 5 | 80 | 1740 | 0.002 | <0.005 | 0.69 | 735 | 1 | <5 | 11 | | | <0.01 | <10 | <10 | 3 | 20 | | 337 | |
| 16 | 10300 | 0.01 | | 5 | 140 | 9 | 0.001 | <0.005 | 0.17 | 9 | 1 | <5 | 5 | | | <0.01 | <10 | <10 | 3 | <10 | | 27 | |
| 17 | 1043 | 0.04 | <1 | 108 | | 2 | 0.003 | <0.005 | 0.26 | <5 | <5 | <20 | 42 | <10 | <10 | 0.102 | | | 28 | <20 | 4 | 89 | 2 |
| 17 | 2680 | <0.01 | <1 | 127 | | <2 | 0.01 | 0.024 | 0.09 | <5 | 8 | <20 | 227 | <10 | <10 | 0.061 | | | 32 | <20 | 19 | 175 | 4 |
| 18 | 10021 | 0.01 | | 88 | 750 | <2 | 0.037 | 0.0033 | 0.21 | 3 | 4 | <5 | <1 | | | 0.4 | <10 | 20 | 145 | <10 | | 129 | |
| 18 | 10022 | 0.01 | | 49 | 660 | <2 | 0.069 | 0.003 | 0.27 | <2 | 3 | <5 | 16 | | | 0.31 | <10 | <10 | 83 | <10 | | 60 | |
| 18 | 10023 | 0.01 | | 87 | 780 | <2 | 0.019 | 0.0027 | 0.01 | 2 | 3 | <5 | 16 | | | 0.43 | <10 | 10 | 122 | <10 | | 87 | |
| 18 | 10024 | 0.01 | | 46 | 490 | <2 | 0.064 | 0.0011 | 0.89 | 2 | 5 | 6 | <1 | | | 0.21 | <10 | <10 | 91 | <10 | | 167 | |
| 19 | 10164 | 0.01 | | 62 | 460 | 207 | 0.012 | 0.0052 | 0.02 | 5 | 7 | <5 | 47 | | | 0.52 | <10 | 40 | 99 | <10 | | 263 | |
| 19 | 10504 | 0.01 | | 22 | 470 | <2 | 0.017 | 0.0043 | 0.09 | <2 | 6 | <5 | 80 | | | 0.43 | <10 | <10 | 97 | 10 | | 9 | |
| 20 | 10317 | 0.01 | | 9 | 600 | 4 | 0.012 | <0.005 | <0.01 | <2 | 4 | <5 | 22 | | | 0.19 | <10 | <10 | 39 | <10 | | 16 | |
| 21 | 10318 | 0.03 | | 118 | 540 | 6 | 0.024 | <0.005 | 0.89 | <2 | 13 | <5 | 7 | | | 0.34 | <10 | <10 | 204 | <10 | | 86 | |
| 21 | 10319 | 0.03 | | 67 | 400 | 4 | 0.021 | <0.005 | 2.79 | <2 | 6 | <5 | 9 | | | 0.19 | <10 | <10 | 95 | <10 | | 82 | |
| 21 | 10320 | 0.01 | | 51 | 310 | 3 | 0.013 | <0.005 | 1.35 | 4 | 4 | <5 | 9 | | | 0.18 | <10 | <10 | 53 | <10 | | 50 | |
| 22 | 10531 | 0.32 | | 95 | 410 | 3 | 0.021 | 0.0191 | 0.52 | <2 | 3 | <5 | 64 | | | 0.19 | <10 | <10 | 101 | 10 | | 66 | |

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Site | Method | Size (ft) | Int | Au ppm | Ag ppm | Al pct | As ppm | B ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | Hg ppm | K pct | La ppm | Li ppm | Mg pct | Mn ppm | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | 10315 | RC | Rep | | | 0.012 | 0.4 | 0.76 | 4 | <10 | 170 | 3 | 0.74 | <0.5 | 12 | 74 | 205 | 1.38 | <10 | 0.01 | <0.01 | <10 | | 0.75 | 224 | 1 |
| 23 | 10316 | RC | S | | | 0.01 | 3.2 | 1.05 | 6 | <10 | 180 | 8 | 1.65 | <0.5 | 13 | 64 | 5650 | 1.95 | <10 | 0.02 | <0.01 | <10 | | 1.01 | 323 | <1 |
| 24 | 10361 | RC | Rep | | | 0.005 | <0.2 | 3.71 | 6 | <10 | 100 | 8 | 2.16 | <0.5 | 13 | 77 | 89 | 1.59 | 10 | <0.01 | 0.04 | <10 | | 0.82 | 175 | <1 |
| 25 | 10028 | OC | G | | | 0.002 | <0.2 | 0.09 | <2 | <10 | 10 | <2 | 0.05 | 1.3 | 111 | 152 | 19 | 7.47 | 50 | <0.01 | <0.01 | 10 | | 15 | 1230 | <1 |
| 26 | 10066 | RC | G | | | 0.004 | <0.2 | 0.14 | 3 | <10 | <10 | <2 | 0.05 | 1.6 | 146 | 262 | 105 | 8.09 | 60 | <0.01 | <0.01 | 10 | | 15 | 1170 | <1 |
| 26 | 10213 | OC | Rep | | | 0.002 | 1.2 | 0.13 | <2 | <10 | <10 | <2 | 0.08 | 0.6 | 131 | 247 | 70 | 8.69 | <10 | <0.01 | 0.01 | <10 | | 15 | 1350 | <1 |
| 27 | 10064 | OC | G | | | 0.071 | 0.5 | 0.13 | 15 | <10 | <10 | <2 | 0.61 | 1.7 | 176 | 684 | 1465 | 10.95 | <10 | <0.01 | 0.01 | <10 | | 15 | 1620 | <1 |
| 27 | 10065 | OC | G | | | <0.001 | <0.2 | 0.13 | 19 | 20 | <10 | <2 | 0.15 | 1.7 | 132 | 846 | 73 | 9.99 | <10 | <0.01 | 0.01 | <10 | | 15 | 1155 | <1 |
| 27 | 10212 | FL | G | | | 0.013 | 0.9 | 0.82 | <2 | 10 | 120 | <2 | 0.17 | <0.5 | 82 | 378 | 799 | 5.9 | <10 | <0.01 | 0.18 | <10 | | 9.27 | 630 | 1 |
| 28 | 10120 | OC | C | 13 | | 0.014 | 12.2 | 2.55 | 17 | <10 | 150 | 8 | 0.96 | <0.5 | 36 | 143 | **5.79%** | 5.09 | 10 | 0.32 | 0.01 | <10 | | 2.17 | 531 | <1 |
| 28 | 10121 | OC | S | 1 | | 0.069 | 19.3 | 2.95 | 7 | <10 | 130 | 3 | 0.72 | <0.5 | 39 | 151 | **7.44%** | 5.9 | 10 | 0.2 | 0.01 | <10 | | 2.66 | 525 | <1 |
| 29 | 10204 | RC | G | | | 0.002 | 0.5 | 2.57 | 3 | <10 | 100 | 9 | 3.65 | <0.5 | 7 | 63 | 3120 | 1.78 | 10 | 0.01 | <0.01 | <10 | | 0.42 | 201 | <1 |
| 30 | 10366 | OC | G | 0.5 | | 0.003 | 0.6 | 2.18 | 9 | <10 | 160 | 5 | 1.77 | 0.5 | 24 | 31 | 1485 | 4.29 | 10 | 0.06 | 0.05 | <10 | | 1.41 | 544 | <1 |
| 31 | 10002 | OC | SC | 10 | 0.5 | 0.016 | 6.7 | 2.88 | 8 | <10 | 130 | 12 | 1.8 | 1.9 | 21 | 220 | **1.22%** | 3.61 | 10 | 0.14 | <0.01 | <10 | | 1.87 | 457 | <1 |
| 31 | 10003 | RC | S | | | 0.007 | 8.1 | 2.21 | 4 | <10 | 110 | 7 | 1.97 | 1.3 | 17 | 120 | **1.74%** | 2.58 | <10 | 0.08 | <0.01 | <10 | | 1.21 | 317 | 1 |
| 32 | 10000 | RC | G | 20 | | 0.018 | 2.2 | 2.51 | 14 | <10 | 260 | 5 | 1.49 | <0.5 | 35 | 122 | 4670 | 3.99 | 10 | 0.04 | 0.02 | <10 | | 1.36 | 448 | 1 |
| 32 | 10001 | RC | G | | | 0.019 | 6.2 | 3.17 | 6 | <10 | 180 | 10 | 1.34 | <0.5 | 22 | 119 | **1.16%** | 4.58 | 10 | 0.06 | 0.01 | <10 | | 2.27 | 655 | <1 |
| 32 | 10042 | TP | Rep | 3.3 | | 0.005 | 0.4 | 2.73 | 15 | <10 | 120 | <2 | 1.38 | 0.5 | 37 | 133 | 2710 | 4.7 | <10 | 0.01 | 0.01 | <10 | | 2.67 | 717 | <1 |
| 32 | 10043 | TP | Rep | | | 0.005 | 3.4 | 2.63 | 10 | <10 | 110 | <2 | 1.1 | 0.6 | 32 | 186 | 7500 | 4.92 | 10 | 0.02 | 0.01 | <10 | | 2.31 | 773 | <1 |
| 32 | 10044 | TP | CC | 3 | | 0.009 | 2.7 | 1.82 | 14 | <10 | 170 | 3 | 1.59 | 1.1 | 22 | 119 | 4990 | 2.66 | <10 | 0.02 | 0.01 | <10 | | 1.62 | 322 | 1 |
| 32 | 10045 | OC | CC | 2.3 | | 0.001 | 2.4 | 2.88 | 14 | <10 | 100 | <2 | 1.67 | 0.6 | 35 | 38 | 5700 | 5.29 | 10 | 0.01 | 0.01 | <10 | | 2.44 | 934 | <1 |
| 32 | 10046 | MD | S | | | 0.002 | 4.3 | 3.08 | 17 | <10 | 120 | <2 | 1.66 | 0.9 | 28 | 120 | **1.11%** | 5.42 | 10 | 0.03 | 0.01 | <10 | | 2.58 | 812 | 2 |
| 32 | 10047 | TP | CC | 2.4 | | 0.009 | 1.1 | 2.84 | 8 | <10 | 80 | <2 | 3.69 | <0.5 | 16 | 114 | 2670 | 2.22 | 10 | 0.01 | <0.01 | <10 | | 0.92 | 376 | 1 |
| 32 | 10200 | RC | S | | | 0.001 | 0.9 | 2.1 | 6 | <10 | 130 | 9 | 2.25 | 0.6 | 12 | 84 | 3470 | 1.56 | <10 | 0.02 | 0.01 | <10 | | 0.6 | 142 | <1 |
| 32 | 10201 | RC | G | | | 0.001 | 0.4 | 2.29 | 5 | <10 | 130 | 10 | 2.41 | <0.5 | 14 | 95 | 534 | 1.83 | 10 | 0.01 | 0.01 | <10 | | 0.81 | 305 | <1 |
| 32 | 10202 | RC | Rep | | | 0.005 | 3.2 | 2.89 | 6 | <10 | 140 | 5 | 0.93 | <0.5 | 29 | 63 | 5530 | 4.62 | 10 | 0.01 | <0.01 | <10 | | 2.38 | 667 | <1 |
| 32 | 10203 | RC | Rep | | | 0.02 | 3.1 | 2.15 | 6 | <10 | 130 | 9 | 1.93 | 0.5 | 16 | 107 | 6200 | 2.19 | <10 | 0.01 | 0.03 | <10 | | 0.94 | 287 | <1 |
| 33 | 10191 | OC | Rep | | | <0.001 | 1 | 0.41 | <2 | 10 | <10 | <2 | 0.06 | 0.5 | 129 | 220 | 27 | 8.72 | <10 | <0.01 | 0.03 | <10 | | 15 | 1395 | 1 |
| 34 | 10365 | RC | Rep | | | 0.002 | 0.3 | 1.95 | <2 | <10 | 130 | 6 | 0.68 | 0.5 | 71 | 200 | 74 | 6.04 | <10 | <0.01 | 0.11 | <10 | | 9.62 | 768 | <1 |
| 35 | 10362 | OC | G | | | 0.009 | <0.2 | 2.44 | <2 | <10 | <10 | 3 | 1.04 | <0.5 | 60 | 693 | 455 | 3.42 | <10 | <0.01 | <0.01 | <10 | | 3.8 | 312 | <1 |
| 35 | 10363 | OC | Rep | | | 0.023 | 0.5 | 0.55 | <2 | 10 | <10 | <2 | 0.09 | <0.5 | 172 | 498 | 758 | 8.2 | <10 | 0.01 | 0.01 | <10 | | 12.85 | 729 | 1 |
| 35 | 10364 | OC | Rep | 20 | | 0.007 | 0.8 | 0.22 | <2 | <10 | <10 | <2 | 0.08 | 0.8 | 129 | 139 | 173 | 8.61 | <10 | <0.01 | 0.04 | <10 | | 15 | 1315 | 1 |
| 36 | 10009 | RC | G | | | 0.005 | <0.2 | 0.47 | 11 | <10 | 240 | 7 | 0.37 | 2.7 | 22 | 67 | 195 | 15 | 10 | 0.03 | 0.05 | <10 | | 0.56 | 378 | <1 |
| 37 | 10067 | OC | G | 7 | | 0.004 | 0.2 | 0.37 | <2 | <10 | 10 | <2 | 0.07 | 1.4 | 112 | 336 | 368 | 8.43 | 50 | <0.01 | <0.01 | 10 | | 13.15 | 996 | <1 |
| 37 | 10214 | RC | Rep | | | 0.009 | 1 | 0.89 | <2 | <10 | 20 | <2 | 0.4 | 0.5 | 108 | 222 | 599 | 7.64 | <10 | 0.01 | 0.01 | <10 | | 13.3 | 933 | <1 |
| 37 | 10215 | OC | Rep | 15 | | 0.009 | 0.6 | 1.28 | <2 | <10 | 70 | 3 | 0.55 | <0.5 | 77 | 259 | 584 | 5.55 | <10 | 0.01 | 0.03 | <10 | | 7.91 | 588 | 1 |
| 37 | 10216 | RC | Rep | 15 | | 0.006 | 0.6 | 1.47 | 3 | <10 | 120 | <2 | 0.92 | <0.5 | 77 | 263 | 1015 | 3.45 | <10 | 0.01 | 0.07 | <10 | | 3.48 | 260 | 1 |
| 38 | 2877 | OC | G | | | 0.004 | <0.2 | 1.65 | <5 | | 24 | <5 | 1.48 | <0.2 | 47 | 78 | 387 | 5.01 | 3 | 0.052 | 0.06 | 3 | 18 | 4.92 | 546 | <1 |
| 38 | 6989 | OC | G | | | 0.004 | <0.2 | 0.23 | 18 | | 14 | <5 | 0.16 | 0.2 | 93 | 338 | 167 | 7.93 | 3 | 0.114 | <0.01 | <1 | 7 | 10 | 1059 | <1 |
| 38 | 6990 | OC | G | | | 0.001 | <0.2 | 3.01 | <5 | | 4 | <5 | 7.29 | <0.2 | 10 | 75 | 35 | 3.32 | 3 | <0.01 | <0.01 | 5 | 9 | 3.35 | 1218 | <1 |
| 38 | 6991 | OC | G | | | 0.003 | <0.2 | 0.11 | <5 | | 4 | <5 | 0.03 | <0.2 | 97 | 188 | 29 | 8.08 | <2 | 0.014 | <0.01 | <1 | 1 | 10 | 1012 | <1 |
| 38 | 6992 | OC | G | | | 0.01 | <0.2 | 0.09 | 33 | | 8 | <5 | 0.19 | <0.2 | 41 | 149 | 27 | 3.52 | <2 | <0.01 | <0.01 | <1 | 5 | 6.7 | 519 | <1 |
| 39 | 10182 | OC | C | 5 | | <0.001 | 1 | 0.29 | <2 | 20 | 10 | <2 | 0.18 | 1 | 125 | 166 | 312 | 9.53 | <10 | 0.01 | 0.01 | <10 | | 15 | 1365 | 1 |
| 39 | 10354 | OC | C | 4 | | 0.006 | 0.4 | 0.33 | 23 | <10 | 10 | 3 | 0.49 | 1.1 | 128 | 152 | 228 | 9.17 | <10 | 0.01 | 0.01 | <10 | | 13.2 | 1555 | 1 |
| 39 | 10355 | OC | C | 1 | | 0.011 | <0.2 | 0.59 | 72 | <10 | <10 | <2 | 0.36 | 1.8 | 175 | 400 | 286 | 11.9 | 10 | 0.06 | 0.03 | <10 | | 1.51 | 2740 | <1 |
| 40 | 2647 | OC | S | 3 | | 0.002 | <0.2 | 0.02 | <5 | | 6 | <5 | 0.04 | <0.2 | 90 | 95 | 102 | 8.31 | 2 | 0.011 | <0.01 | <1 | 3 | 10 | 1018 | <1 |

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Na pct | Nb ppm | Ni ppm | P ppm | Pb ppm | Pd ppm | Pt ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | Tl ppm | U ppm | V ppm | W ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | 10315 | 0.01 | | 80 | 810 | 4 | 0.014 | <0.005 | 0.01 | 4 | 2 | <5 | 25 | | | 0.21 | <10 | <10 | 48 | <10 | | 26 | |
| 23 | 10316 | 0.01 | | 47 | 790 | 8 | 0.015 | <0.005 | 0.08 | <2 | 2 | <5 | 27 | | | 0.22 | <10 | <10 | 51 | <10 | | 36 | |
| 24 | 10361 | 0.63 | | 35 | 100 | <2 | 0.003 | 0.0044 | 0.1 | 5 | 2 | <5 | 116 | | | 0.07 | <10 | <10 | 47 | <10 | | 16 | |
| 25 | 10028 | 0.01 | | 1055 | 30 | <2 | 0.004 | 0.0078 | 0.01 | <2 | 4 | <5 | <1 | | | 0.01 | <10 | <10 | 5 | <10 | | 41 | |
| 26 | 10066 | 0.01 | | 1455 | 40 | <2 | 0.046 | 0.0295 | 0.1 | <2 | 4 | <5 | <1 | | | 0.01 | <10 | <10 | 8 | <10 | | 45 | |
| 26 | 10213 | 0.01 | | 1745 | 60 | 2 | 0.076 | 0.0346 | 0.12 | <2 | 3 | <5 | 4 | | | 0.01 | <10 | <10 | 8 | <10 | | 50 | |
| 27 | 10064 | 0.01 | | 2850 | 30 | <2 | 0.069 | 0.0688 | 0.34 | <2 | 7 | <5 | <1 | | | 0.03 | <10 | <10 | 26 | <10 | | 61 | |
| 27 | 10065 | 0.01 | | 1805 | 80 | <2 | 0.003 | 0.0042 | 0.12 | <2 | 7 | <5 | <1 | | | 0.03 | <10 | <10 | 28 | <10 | | 31 | |
| 27 | 10212 | 0.01 | | 600 | 110 | 2 | 0.035 | 0.0618 | 0.36 | <2 | 3 | <5 | 7 | | | 0.04 | <10 | <10 | 25 | <10 | | 31 | |
| 28 | 10120 | 0.03 | | 74 | 610 | <2 | 0.017 | <0.005 | 0.14 | <2 | 11 | <5 | 22 | | | 0.25 | <10 | <10 | 150 | <10 | | 109 | |
| 28 | 10121 | 0.03 | | 76 | 600 | 4 | 0.018 | <0.005 | 0.25 | <2 | 12 | 9 | 23 | | | 0.27 | <10 | <10 | 174 | <10 | | 137 | |
| 29 | 10204 | 0.01 | | 22 | 250 | 2 | 0.008 | <0.005 | <0.01 | <2 | 6 | <5 | 31 | | | 0.21 | <10 | <10 | 77 | <10 | | 15 | |
| 30 | 10366 | 0.09 | | 49 | 570 | 2 | 0.015 | 0.0038 | 0.04 | 2 | 5 | <5 | 33 | | | 0.37 | <10 | <10 | 156 | <10 | | 62 | |
| 31 | 10002 | 0.01 | | 71 | 530 | 2 | 0.016 | <0.005 | 0.24 | <2 | 5 | <5 | 14 | | | 0.19 | <10 | <10 | 97 | <10 | | 45 | |
| 31 | 10003 | 0.02 | | 47 | 490 | 3 | 0.021 | <0.005 | 0.56 | <2 | 4 | <5 | 13 | | | 0.2 | <10 | <10 | 78 | <10 | | 43 | |
| 32 | 10000 | 0.05 | | 73 | 590 | 4 | 0.022 | 0.005 | 0.54 | <2 | 3 | <5 | 17 | | | 0.2 | <10 | <10 | 79 | <10 | | 54 | |
| 32 | 10001 | 0.03 | | 72 | 610 | 2 | 0.011 | <0.005 | 0.08 | <2 | 6 | <5 | 11 | | | 0.22 | <10 | <10 | 112 | <10 | | 55 | |
| 32 | 10042 | 0.03 | | 90 | 570 | <2 | 0.01 | 0.0041 | <0.01 | <2 | 9 | <5 | 42 | | | 0.38 | <10 | <10 | 100 | <10 | | 100 | |
| 32 | 10043 | 0.04 | | 72 | 510 | <2 | 0.008 | 0.003 | <0.01 | <2 | 9 | <5 | 28 | | | 0.37 | <10 | <10 | 157 | <10 | | 92 | |
| 32 | 10044 | 0.02 | | 84 | 600 | <2 | 0.013 | 0.0047 | 0.03 | <2 | 4 | <5 | 42 | | | 0.35 | <10 | <10 | 77 | <10 | | 50 | |
| 32 | 10045 | 0.04 | | 82 | 620 | <2 | 0.011 | 0.0042 | 0.02 | <2 | 8 | <5 | 23 | | | 0.43 | <10 | <10 | 118 | <10 | | 107 | |
| 32 | 10046 | 0.04 | | 84 | 590 | <2 | 0.01 | 0.004 | 0.05 | <2 | 8 | <5 | 14 | | | 0.46 | <10 | <10 | 151 | <10 | | 87 | |
| 32 | 10047 | 0.02 | | 43 | 500 | <2 | 0.012 | 0.0026 | 0.03 | <2 | 5 | <5 | 40 | | | 0.38 | <10 | <10 | 111 | <10 | | 68 | |
| 32 | 10200 | 0.03 | | 61 | 380 | 2 | 0.016 | <0.005 | 0.06 | <2 | 3 | <5 | 10 | | | 0.13 | <10 | <10 | 74 | <10 | | 13 | |
| 32 | 10201 | 0.02 | | 46 | 440 | 2 | 0.014 | <0.005 | 0.03 | 2 | 3 | <5 | 11 | | | 0.2 | <10 | <10 | 78 | 10 | | 36 | |
| 32 | 10202 | 0.05 | | 76 | 570 | <2 | 0.012 | <0.005 | 0.04 | <2 | 5 | <5 | 14 | | | 0.23 | <10 | <10 | 84 | 10 | | 70 | |
| 32 | 10203 | 0.04 | | 42 | 490 | 2 | 0.012 | <0.005 | 0.09 | <2 | 4 | <5 | 28 | | | 0.2 | <10 | <10 | 78 | <10 | | 42 | |
| 33 | 10191 | 0.01 | | 1180 | 80 | 4 | 0.014 | 0.0099 | 0.03 | <2 | 5 | <5 | 6 | | | 0.02 | <10 | <10 | 14 | <10 | | 66 | |
| 34 | 10365 | 0.13 | | 861 | 210 | 2 | 0.008 | 0.0162 | 0.06 | <2 | 3 | <5 | 20 | | | 0.06 | <10 | <10 | 31 | <10 | | 49 | |
| 35 | 10362 | 0.03 | | 431 | 60 | <2 | 0.018 | 0.0112 | 0.6 | <2 | 3 | <5 | 8 | | | 0.04 | <10 | <10 | 43 | <10 | | 26 | |
| 35 | 10363 | 0.01 | | 2110 | 60 | 4 | 0.056 | 0.0268 | 0.97 | <2 | 7 | <5 | <1 | | | 0.02 | <10 | <10 | 30 | <10 | | 34 | |
| 35 | 10364 | 0.01 | | 1070 | 110 | 3 | 0.008 | 0.0167 | 0.19 | <2 | 3 | <5 | 1 | | | 0.02 | <10 | <10 | 12 | <10 | | 62 | |
| 36 | 10009 | 0.03 | | 55 | 90 | 2 | 0.025 | <0.005 | 0.19 | 4 | 4 | 8 | 5 | | | 0.13 | <10 | <10 | 1025 | <10 | | 31 | |
| 37 | 10067 | 0.01 | | 1085 | 90 | <2 | 0.101 | 0.0461 | 0.23 | <2 | 5 | <5 | <1 | | | 0.02 | <10 | <10 | 26 | <10 | | 45 | |
| 37 | 10214 | 0.04 | | 1240 | 60 | <2 | 0.091 | 0.0362 | 0.12 | <2 | 3 | <5 | 17 | | | 0.01 | <10 | <10 | 36 | <10 | | 45 | |
| 37 | 10215 | 0.06 | | 695 | 70 | 2 | 0.052 | 0.0262 | 0.28 | <2 | 3 | <5 | 24 | | | 0.02 | <10 | <10 | 40 | <10 | | 34 | |
| 37 | 10216 | 0.06 | | 814 | 90 | 5 | 0.025 | 0.0136 | 0.87 | <2 | 2 | <5 | 52 | | | 0.03 | <10 | <10 | 32 | <10 | | 23 | |
| 38 | 2877 | 0.13 | 4 | 301 | | 3 | 0.019 | 0.015 | 0.08 | <5 | <5 | <20 | 48 | <10 | <10 | 0.103 | | | 86 | <20 | 7 | 26 | <1 |
| 38 | 6989 | <0.01 | <1 | 1033 | | 4 | 0.034 | 0.037 | 0.18 | <5 | <5 | <20 | 1 | <10 | <10 | <0.01 | | | 9 | <20 | <1 | 32 | <1 |
| 38 | 6990 | <0.01 | 2 | 56 | | <2 | 0.004 | <0.005 | 0.04 | <5 | <5 | <20 | 7 | <10 | <10 | 0.073 | | | 63 | <20 | 7 | 30 | 5 |
| 38 | 6991 | <0.01 | <1 | 1125 | | 3 | 0.013 | 0.029 | 0.06 | <5 | <5 | <20 | <1 | <10 | <10 | <0.01 | | | 5 | <20 | <1 | 28 | <1 |
| 38 | 6992 | <0.01 | <1 | 501 | | <2 | 0.027 | 0.038 | 0.04 | <5 | <5 | <20 | 4 | <10 | <10 | <0.01 | | | 4 | <20 | <1 | 14 | <1 |
| 39 | 10182 | 0.01 | | 1400 | 40 | 2 | 0.002 | 0.0007 | 0.07 | <2 | 4 | <5 | 9 | | | 0.02 | <10 | <10 | 14 | <10 | | 32 | |
| 39 | 10354 | 0.02 | | 1335 | 50 | 2 | 0.048 | 0.0195 | 0.12 | <2 | 4 | <5 | 11 | | | 0.01 | <10 | <10 | 15 | <10 | | 37 | |
| 39 | 10355 | 0.02 | | 2010 | 60 | 6 | 0.06 | 0.0266 | 0.05 | <2 | 18 | <5 | 32 | | | 0.02 | <10 | <10 | 51 | <10 | | 127 | |
| 40 | 2647 | <0.01 | <1 | 1255 | | 4 | 0.016 | 0.032 | 0.07 | <5 | <5 | <20 | <1 | <10 | <10 | <0.01 | | | 3 | <20 | <1 | 27 | <1 |

Table 3.  Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Site | Method | Size (ft) | Int | Au ppm | Ag ppm | Al pct | As ppm | B ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | Hg ppm | K pct | La ppm | Li ppm | Mg pct | Mn ppm | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 2648 | OC | S | | | 0.004 | <0.2 | 0.04 | <5 | | 6 | <5 | 0.04 | <0.2 | 94 | 112 | 50 | 8.96 | 2 | 0.013 | <0.01 | <1 | 3 | 10 | 1018 | <1 |
| 40 | 2649 | OC | S | | | 0.011 | <0.2 | 0.37 | <5 | | 8 | <5 | 0.19 | <0.2 | 86 | 94 | 189 | 7.81 | <2 | 0.02 | <0.01 | <1 | 5 | 10 | 954 | <1 |
| 40 | 9754 | OC | G | | | 0.004 | <0.2 | 0.04 | <5 | | 6 | <5 | 0.03 | <0.2 | 102 | 113 | 144 | 9.12 | 2 | <0.01 | <0.01 | <1 | 2 | 10 | 1025 | <1 |
| 41 | 10350 | OC | Rep | | | 0.005 | 1.2 | 0.04 | <2 | <10 | <10 | <2 | 0.04 | 0.7 | 126 | 88 | 86 | 8.88 | <10 | 0.02 | <0.01 | <10 | | 15 | 1390 | 1 |
| 42 | 10352 | OC | Rep | | | 0.003 | 1.2 | 0.07 | <2 | <10 | <10 | <2 | 0.03 | 1.9 | 149 | 116 | 133 | 10.6 | <10 | 0.01 | 0.01 | <10 | | 15 | 1640 | 2 |
| 42 | 10353 | RC | Rep | | | 0.009 | 1.1 | 0.04 | <2 | <10 | <10 | <2 | 0.03 | 1.2 | 145 | 113 | 275 | 10.2 | <10 | 0.01 | <0.01 | <10 | | 15 | 1545 | 1 |
| 43 | 10181 | FL | S | | | <0.001 | 1 | 0.28 | <2 | 40 | <10 | 4 | 0.23 | <0.5 | 117 | 183 | 606 | 8.07 | <10 | 0.03 | <0.01 | <10 | | 14.65 | 1160 | 1 |
| 43 | 10351 | FL | G | | | 0.037 | 1.2 | 0.33 | <2 | 30 | 50 | <2 | 0.63 | <0.5 | 111 | 330 | 1585 | 8.84 | <10 | 0.06 | <0.01 | <10 | | 13.75 | 1070 | 1 |
| 44 | 6993 | FL | G | | | 0.006 | <0.2 | 0.03 | 5 | | 10 | <5 | 0.03 | 0.2 | 96 | 97 | 104 | 9.02 | 2 | 0.048 | <0.01 | <1 | 5 | 10 | 1015 | <1 |
| 44 | 6994 | OC | G | | | 0.006 | <0.2 | 0.13 | 150 | | 28 | <5 | 0.71 | 0.5 | 121 | 435 | 240 | >10 | 5 | 4.866 | 0.1 | 2 | 15 | 3.17 | 2499 | <1 |
| 45 | 10343 | RC | C | 2 | | 0.04 | 1 | 0.14 | <2 | 10 | <10 | <2 | 0.13 | <0.5 | 462 | 280 | 1820 | 10.3 | <10 | 0.02 | <0.01 | <10 | | 9.65 | 857 | 1 |
| 46 | 10342 | FL | G | | | 0.049 | 1.4 | 0.13 | 5 | <10 | 30 | 4 | 0.48 | <0.5 | 82 | 454 | 1395 | 3.45 | <10 | 0.23 | <0.01 | <10 | | 0.81 | 97 | <1 |
| 47 | 10341 | OC | Rep | | | 0.003 | 1.4 | 0.04 | <2 | <10 | <10 | <2 | 0.04 | <0.5 | 132 | 75 | 112 | 8.45 | <10 | 0.01 | <0.01 | <10 | | 15 | 1390 | 1 |
| 48 | 10211 | OC | G | | | 0.003 | 0.9 | 0.23 | 3 | <10 | 20 | <2 | 0.3 | 0.5 | 127 | 313 | 304 | 8.5 | <10 | 0.12 | <0.01 | <10 | | 15 | 1225 | 2 |
| 49 | 10340 | OC | G | | | 0.004 | 1.4 | 0.09 | 3 | <10 | <10 | <2 | 0.05 | 1.3 | 141 | 155 | 165 | 10.35 | <10 | 0.01 | 0.01 | <10 | | 15 | 1605 | 1 |
| 50 | 1044 | OC | Rep | | | 0.019 | 0.3 | 0.22 | <5 | | 8 | <5 | 0.02 | 0.4 | 359 | 342 | 2028 | >10 | 3 | 0.051 | <0.01 | <1 | 1 | 10 | 554 | 3 |
| 50 | 2681 | OC | C | | | 0.004 | <0.2 | 3.79 | <5 | | 25 | <5 | 3.25 | 0.2 | 49 | 248 | 110 | 1.73 | 3 | 0.024 | 0.11 | <1 | 21 | 3.41 | 349 | <1 |
| 50 | 10008 | OC | G | | | 0.001 | <0.2 | 0.19 | 2 | <10 | 10 | 6 | 0.93 | <0.5 | 3 | 14 | 50 | 0.23 | <10 | 0.01 | 0.01 | <10 | | 0.51 | 96 | <1 |
| 51 | 10025 | OC | S | | | 0.086 | 0.2 | 0.85 | <2 | <10 | 180 | <2 | 1.18 | <0.5 | 15 | 24 | 382 | 1.25 | <10 | 0.05 | 0.02 | 10 | | 0.21 | 68 | 2 |
| 51 | 10026 | OC | G | | | 0.061 | 0.7 | 1.12 | <2 | <10 | 60 | <2 | 1.51 | <0.5 | 50 | 1130 | 1640 | 2.45 | 30 | 0.3 | 0.03 | 10 | | 3.69 | 368 | <1 |
| 51 | 10027 | OC | G | | | 0.006 | 0.2 | 0.93 | 4 | <10 | 20 | <2 | 0.6 | <0.5 | 88 | 234 | 359 | 4.74 | 50 | 0.06 | 0.03 | 10 | | 6.99 | 580 | <1 |
| 52 | 10075 | RC | G | | | 0.003 | <0.2 | 2.09 | 8 | <10 | 230 | <2 | 1.95 | <0.5 | 27 | 28 | 145 | 4.96 | 20 | 0.03 | 0.05 | 10 | | 1.61 | 562 | <1 |
| 53 | 10013 | RC | G | | | 0.002 | 0.7 | 0.96 | 3 | 90 | 60 | 6 | 0.71 | <0.5 | 75 | 431 | 58 | 4.58 | <10 | 0.07 | 0.01 | <10 | | 11.65 | 437 | 1 |
| 53 | 10014 | OC | G | 0.1 | | 0.05 | 0.6 | 1.34 | 355 | <10 | 50 | <2 | 0.1 | <0.5 | <1 | 46 | 285 | 9.11 | <10 | 10 | 0.03 | <10 | | 0.67 | 184 | 15 |
| 54 | 10029 | RC | S | | | 0.147 | 0.7 | 1.81 | <2 | <10 | 60 | <2 | 0.31 | <0.5 | 95 | 484 | 2000 | 4.74 | 140 | 0.02 | 0.07 | 10 | | 5.88 | 441 | <1 |
| 54 | 10030 | RC | G | | | 0.007 | <0.2 | 1.39 | <2 | <10 | 720 | <2 | 0.54 | <0.5 | 31 | 22 | 182 | 4.36 | 10 | <0.01 | 0.03 | 10 | | 1.24 | 409 | <1 |
| 54 | 10031 | OC | G | | | 0.033 | <0.2 | 1.89 | <2 | <10 | 40 | <2 | 0.35 | <0.5 | 75 | 462 | 704 | 4.26 | 70 | 0.01 | 0.04 | 10 | | 6.88 | 457 | <1 |
| 54 | 10429 | RC | S | | | 0.002 | <0.2 | 2.21 | 4 | <10 | 610 | <2 | 0.61 | <0.5 | 16 | 23 | 86 | 5.33 | <10 | 0.15 | 0.06 | <10 | | 1.45 | 784 | <1 |
| 54 | 10430 | FL | S | | | 0.099 | 1 | 0.84 | <2 | <10 | 20 | <2 | 0.21 | <0.5 | 112 | 334 | 1205 | 6.41 | <10 | 0.03 | 0.04 | <10 | | 12.1 | 654 | <1 |
| 55 | 10011 | RC | G | | | 0.012 | 0.2 | 2.24 | 6 | <10 | 300 | 2 | 0.54 | <0.5 | 21 | 17 | 123 | 4.52 | <10 | 0.02 | 0.02 | <10 | | 1.66 | 593 | <1 |
| 56 | 10010 | RC | G | | | 0.103 | 0.7 | 0.97 | 4 | <10 | 60 | 5 | 0.34 | <0.5 | 83 | 286 | 846 | 5.21 | <10 | 0.04 | 0.04 | <10 | | 8.48 | 514 | <1 |
| 57 | 10012 | RC | G | | | 0.14 | 1.3 | 0.29 | 3 | 20 | 10 | <2 | 0.13 | <0.5 | 114 | 289 | 1340 | 6.1 | <10 | 0.14 | 0.01 | <10 | | 12.9 | 671 | <1 |
| 58 | 10015 | RC | G | | | 0.006 | 0.6 | 0.79 | 10 | 20 | 260 | 7 | 0.46 | <0.5 | 88 | 388 | 158 | 5.56 | <10 | 0.16 | 0.02 | <10 | | 10.9 | 640 | 1 |
| 58 | 10016 | RC | G | | | 0.067 | 1 | 1.42 | 27 | <10 | 1110 | 5 | 0.05 | 2.3 | <1 | 19 | 274 | 12.3 | 10 | 2.39 | 0.12 | <10 | | 0.57 | 280 | 8 |
| 59 | 10007 | RC | G | | | 0.008 | 1 | 0.72 | 8 | <10 | 10 | 3 | 0.06 | <0.5 | 124 | 288 | 221 | 6.99 | <10 | 0.02 | 0.01 | <10 | | 15 | 943 | 1 |
| 60 | 10072 | RC | G | | | 0.003 | 0.2 | 0.48 | 7 | <10 | 30 | <2 | 0.35 | 1.1 | 99 | 885 | 132 | 5.85 | 70 | 0.01 | 0.01 | 10 | | 15 | 783 | <1 |
| 60 | 10073 | RC | G | | | 0.009 | <0.2 | 0.82 | 4 | <10 | 10 | <2 | 0.21 | 0.8 | 95 | 200 | 177 | 5.39 | 70 | 0.01 | 0.01 | 10 | | 15 | 819 | <1 |
| 61 | 10074 | RC | G | | | 0.008 | <0.2 | 0.96 | 5 | <10 | 10 | <2 | 0.09 | 1.1 | 107 | 235 | 127 | 6.19 | 80 | 0.01 | 0.01 | 10 | | 15 | 937 | <1 |
| 62 | 2659 | FL | | | | 0.005 | <0.2 | 0.18 | 117 | | 13 | <5 | 0.32 | 0.5 | 63 | 857 | 41 | 3.12 | <2 | 0.03 | 0.03 | <1 | 17 | 8.43 | 541 | 1 |
| 62 | 9759 | RC | Rep | 1 | | 0.004 | <0.2 | 0.56 | 39 | | 33 | <5 | 0.56 | 0.5 | 60 | 731 | 105 | 4.97 | <2 | <0.01 | 0.13 | <1 | 23 | 10 | 630 | <1 |
| 63 | 10006 | OC | G | | | 0.001 | 0.3 | 2.4 | 23 | <10 | 630 | 2 | 0.35 | <0.5 | 11 | 41 | 73 | 3.3 | <10 | 0.04 | 0.12 | <10 | | 4.57 | 700 | <1 |
| 64 | 9760 | RC | C | 2 | | 0.002 | 0.2 | 1.28 | 47 | | 56 | <5 | 0.6 | 0.3 | 4 | 56 | 33 | 4.29 | 2 | 0.14 | 0.12 | 2 | 5 | 0.48 | 525 | 1 |
| 65 | 10356 | OC | G | 1 | | 0.027 | 8.4 | 0.26 | 51 | <10 | <10 | <2 | 1.08 | 12 | 353 | 32 | **1.97%** | 13.25 | <10 | 0.37 | <0.01 | <10 | | 0.22 | 95 | <1 |
| 65 | 10528 | OC | Rep | 1 | | 0.001 | 1.5 | 0.38 | 39 | <10 | 20 | 7 | 1.68 | 0.7 | 44 | 118 | 5870 | 3.3 | <10 | 0.13 | <0.01 | <10 | | 0.63 | 323 | 1 |
| 65 | 10529 | OC | Rep | 1 | | 0.004 | <0.2 | 0.04 | 2 | <10 | <10 | <2 | 0.21 | 4.2 | 564 | 12 | 1180 | 15 | 10 | 0.02 | <0.01 | <10 | | 0.07 | 129 | 1 |
| 65 | 10530 | OC | C | 0.5 | | 0.006 | 1.9 | 0.27 | 3 | <10 | <10 | <2 | 0.33 | 2.4 | 1075 | 50 | 3430 | 15 | <10 | 0.08 | <0.01 | <10 | | 0.18 | 31 | 4 |

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Na pct | Nb ppm | Ni ppm | P ppm | Pb ppm | Pd ppm | Pt ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | Tl ppm | U ppm | V ppm | W ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 2648 | <0.01 | <1 | 1316 | | 3 | 0.067 | 0.054 | 0.04 | <5 | <5 | <20 | 1 | <10 | <10 | <0.01 | | | 5 | <20 | <1 | 30 | <1 |
| 40 | 2649 | 0.02 | <1 | 576 | | 3 | 0.048 | 0.031 | 0.05 | <5 | <5 | <20 | 9 | <10 | <10 | <0.01 | | | 5 | <20 | <1 | 28 | <1 |
| 40 | 9754 | <0.01 | <1 | 891 | | 3 | 0.014 | 0.022 | 0.02 | <5 | <5 | <20 | <1 | <10 | <10 | <0.01 | | | 4 | <20 | <1 | 37 | <1 |
| 41 | 10350 | 0.01 | | 1425 | 20 | 9 | 0.062 | 0.0577 | 0.09 | <2 | 2 | <5 | 1 | | | 0.01 | <10 | <10 | 3 | <10 | | 46 | |
| 42 | 10352 | 0.01 | | 966 | 70 | 4 | 0.011 | 0.0113 | 0.05 | <2 | 3 | <5 | <1 | | | 0.01 | <10 | <10 | 6 | <10 | | 83 | |
| 42 | 10353 | 0.01 | | 1340 | 50 | 5 | 0.025 | 0.0504 | 0.24 | <2 | 3 | <5 | <1 | | | <0.01 | <10 | <10 | 5 | <10 | | 55 | |
| 43 | 10181 | 0.02 | | 1555 | 50 | 2 | <0.001 | <0.000 | 0.18 | <2 | 2 | <5 | 8 | | | 0.02 | <10 | <10 | 15 | <10 | | 21 | |
| 43 | 10351 | 0.01 | | 1240 | 50 | 16 | 0.114 | 0.0553 | 0.16 | <2 | 9 | <5 | 5 | | | 0.03 | <10 | <10 | 41 | <10 | | 37 | |
| 44 | 6993 | <0.01 | <1 | 1923 | | <2 | 0.091 | 0.112 | <0.01 | <5 | <5 | <20 | 2 | <10 | <10 | <0.01 | | | 3 | <20 | <1 | 48 | <1 |
| 44 | 6994 | 0.02 | <1 | 1073 | | 6 | 0.022 | 0.059 | 0.26 | <5 | 8 | <20 | 26 | <10 | <10 | <0.01 | | | 38 | <20 | 7 | 76 | 2 |
| 45 | 10343 | 0.01 | | **1.14%** | 30 | 3 | 1.47 | 0.19 | 4.01 | <2 | 4 | <5 | 1 | | | 0.02 | <10 | <10 | 19 | <10 | | 35 | |
| 46 | 10342 | 0.02 | | 1045 | 50 | 10 | 0.288 | 0.1495 | 1.1 | <2 | 3 | <5 | 4 | | | 0.04 | <10 | <10 | 55 | <10 | | 24 | |
| 47 | 10341 | 0.01 | | 1515 | 60 | 4 | 0.027 | 0.0166 | 0.07 | <2 | 3 | <5 | 3 | | | 0.01 | <10 | <10 | 5 | <10 | | 45 | |
| 48 | 10211 | 0.01 | | 1240 | 80 | <2 | 0.006 | 0.0119 | 0.16 | <2 | 4 | <5 | 9 | | | 0.02 | <10 | <10 | 14 | <10 | | 52 | |
| 49 | 10340 | 0.01 | | 1220 | 70 | 9 | 0.021 | 0.0197 | 0.04 | <2 | 2 | <5 | 3 | | | 0.01 | <10 | <10 | 5 | <10 | | 78 | |
| 50 | 1044 | <0.01 | <1 | 4964 | | 8 | 0.325 | 0.259 | 4.85 | <5 | <5 | <20 | <1 | <10 | <10 | 0.019 | | | 17 | <20 | <1 | 67 | <1 |
| 50 | 2681 | 0.05 | <1 | 932 | | 3 | 0.01 | 0.019 | 0.02 | <5 | 7 | <20 | 80 | <10 | <10 | 0.038 | | | 32 | <20 | 2 | 22 | <1 |
| 50 | 10008 | 0.02 | | 15 | 60 | <2 | 0.001 | <0.005 | <0.01 | <2 | <1 | <5 | 9 | | | 0.03 | <10 | <10 | 3 | <10 | | 6 | |
| 51 | 10025 | 0.11 | | 18 | 1200 | <2 | 0.001 | <0.000 | 0.54 | <2 | 1 | <5 | 22 | | | 0.19 | <10 | <10 | 39 | <10 | | 8 | |
| 51 | 10026 | 0.01 | | 760 | 100 | <2 | 0.004 | 0.0063 | 0.14 | <2 | 10 | <5 | <1 | | | 0.08 | <10 | <10 | 55 | <10 | | 32 | |
| 51 | 10027 | 0.03 | | 1295 | 60 | <2 | 0.04 | 0.0204 | 0.3 | <2 | 4 | <5 | <1 | | | 0.03 | <10 | <10 | 29 | <10 | | 36 | |
| 52 | 10075 | 0.03 | | 47 | 540 | <2 | 0.013 | 0.0045 | 0.14 | 2 | 3 | <5 | <1 | | | 0.37 | <10 | 40 | 114 | <10 | | 66 | |
| 53 | 10013 | 0.01 | | 1340 | 220 | 2 | 0.01 | 0.012 | 0.06 | <2 | 4 | <5 | 18 | | | 0.03 | <10 | <10 | 27 | <10 | | 24 | |
| 53 | 10014 | 0.03 | | 34 | 100 | 3 | 0.087 | 0.033 | 0.39 | 2 | 3 | <5 | 5 | | | 0.01 | <10 | <10 | 65 | 40 | | 12 | |
| 54 | 10029 | 0.04 | | 3820 | 180 | <2 | 0.468 | 0.489 | 1.03 | <2 | 3 | <5 | <1 | | | 0.06 | <10 | <10 | 36 | <10 | | 32 | |
| 54 | 10030 | 0.03 | | 22 | 500 | <2 | 0.003 | 0.0008 | 1.8 | <2 | 3 | <5 | 14 | | | 0.07 | <10 | <10 | 39 | <10 | | 39 | |
| 54 | 10031 | 0.03 | | 1980 | 170 | <2 | 0.097 | 0.1825 | 0.4 | <2 | 4 | <5 | <1 | | | 0.05 | <10 | <10 | 35 | <10 | | 28 | |
| 54 | 10429 | 0.05 | | 3 | 960 | 2 | <0.001 | <0.000 | 0.66 | <2 | 5 | <5 | 26 | | | 0.11 | <10 | <10 | 86 | 10 | | 71 | |
| 54 | 10430 | 0.02 | | 3550 | 90 | <2 | 0.383 | 0.406 | 0.68 | <2 | 3 | <5 | 7 | | | 0.02 | <10 | <10 | 22 | <10 | | 29 | |
| 55 | 10011 | 0.04 | | 28 | 840 | <2 | 0.002 | <0.005 | 0.79 | <2 | 1 | <5 | 19 | | | 0.08 | <10 | <10 | 51 | <10 | | 50 | |
| 56 | 10010 | 0.03 | | 2330 | 90 | <2 | 0.176 | 0.201 | 0.43 | <2 | 3 | <5 | 12 | | | 0.01 | <10 | <10 | 35 | <10 | | 26 | |
| 57 | 10012 | 0.01 | | 3500 | 60 | 2 | 0.366 | 0.483 | 0.61 | <2 | 3 | <5 | 1 | | | 0.01 | <10 | <10 | 19 | <10 | | 31 | |
| 58 | 10015 | 0.01 | | 1450 | 100 | <2 | 0.015 | 0.018 | 0.08 | <2 | 5 | <5 | 17 | | | 0.01 | <10 | <10 | 18 | <10 | | 28 | |
| 58 | 10016 | 0.01 | | 5 | 190 | 8 | 0.003 | <0.005 | 0.06 | 21 | 1 | 5 | 3 | | | <0.01 | <10 | <10 | 11 | 10 | | 43 | |
| 59 | 10007 | 0.01 | | 2150 | 50 | <2 | 0.04 | 0.068 | <0.01 | 2 | 5 | <5 | 2 | | | 0.01 | <10 | <10 | 20 | <10 | | 38 | |
| 60 | 10072 | 0.01 | | 1730 | 20 | 5 | 0.037 | 0.0233 | <0.01 | <2 | 9 | <5 | <1 | | | 0.03 | <10 | <10 | 19 | <10 | | 67 | |
| 60 | 10073 | 0.01 | | 1810 | 60 | <2 | 0.052 | 0.0699 | 0.01 | <2 | 6 | <5 | <1 | | | 0.02 | <10 | <10 | 22 | <10 | | 39 | |
| 61 | 10074 | 0.01 | | 2030 | 60 | <2 | 0.043 | 0.0596 | 0.01 | <2 | 6 | <5 | <1 | | | 0.02 | <10 | <10 | 23 | <10 | | 42 | |
| 62 | 2659 | 0.04 | <1 | 1372 | | <2 | 0.024 | 0.024 | 0.02 | <5 | <5 | <20 | 27 | <10 | <10 | 0.014 | | | 8 | <20 | <1 | 27 | <1 |
| 62 | 9759 | 0.02 | <1 | 1048 | | 58 | 0.011 | 0.015 | 0.27 | <5 | <5 | <20 | 17 | <10 | <10 | 0.035 | | | 28 | <20 | 1 | 149 | <1 |
| 63 | 10006 | 0.02 | | 34 | 610 | 3 | 0.003 | <0.005 | <0.01 | <2 | 2 | <5 | 13 | | | 0.05 | <10 | <10 | 35 | <10 | | 70 | |
| 64 | 9760 | 0.06 | <1 | 9 | | 36 | <0.001 | <0.005 | 0.99 | <5 | <5 | <20 | 40 | <10 | <10 | 0.065 | | | 13 | <20 | 2 | 137 | 7 |
| 65 | 10356 | 0.01 | | 557 | 10 | 41 | 0.006 | 0.0028 | 7.5 | <2 | 1 | 8 | 63 | | | <0.01 | <10 | <10 | 11 | <10 | | 691 | |
| 65 | 10528 | 0.01 | | 146 | 430 | <2 | 0.006 | 0.0073 | 0.38 | 2 | 2 | <5 | 23 | | | 0.09 | <10 | <10 | 18 | <10 | | 183 | |
| 65 | 10529 | 0.01 | | 490 | 210 | 13 | 0.004 | 0.0014 | 10 | <2 | <1 | 7 | <1 | | | <0.01 | <10 | 10 | 6 | <10 | | 49 | |
| 65 | 10530 | 0.01 | | 2360 | 440 | 9 | 0.006 | 0.0021 | 10 | <2 | 1 | 15 | 26 | | | 0.04 | <10 | 10 | 12 | <10 | | 159 | |

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Site | Method | Size (ft) | Int | Au ppm | Ag ppm | Al pct | As ppm | B ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | Hg ppm | K pct | La ppm | Li ppm | Mg pct | Mn ppm | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66 | 10142 | FL | S | | | 0.003 | 0.4 | 0.33 | 3 | <10 | 210 | 9 | 2.32 | <0.5 | 6 | 56 | 1580 | 0.74 | <10 | <0.01 | 0.05 | <10 | | 0.21 | 391 | 1 |
| 66 | 10312 | OC | C | 5.5 | | 0.002 | 0.2 | 0.26 | 80 | 80 | 170 | 2 | 3.16 | 3.9 | 200 | 488 | 63 | 0.87 | <10 | 3.71 | <0.01 | <10 | | 0.4 | 961 | 1 |
| 66 | 10313 | OC | S | | | 0.004 | 0.2 | 0.21 | 89 | 10 | 140 | <2 | 2.49 | <0.5 | 305 | 507 | 73 | 0.96 | <10 | 0.4 | <0.01 | <10 | | 0.27 | 890 | 1 |
| 66 | 10512 | FL | G | | | <0.001 | 0.2 | 0.64 | 26 | <10 | 130 | <2 | 5.78 | 0.5 | 44 | 352 | 125 | 0.94 | <10 | 0.24 | 0.01 | <10 | | 0.98 | 2520 | 1 |
| 67 | 10141 | RC | S | 1 | | 0.021 | 0.3 | 1.32 | 7 | <10 | 40 | 2 | 0.07 | <0.5 | 36 | 69 | 43 | 6.36 | <10 | 0.03 | <0.01 | <10 | | 1.45 | 293 | <1 |
| 68 | 10151 | OC | Rep | 4 | | 0.001 | <0.2 | 2.18 | 7 | <10 | 200 | 4 | 0.55 | <0.5 | 41 | 281 | 1060 | 2.82 | <10 | 0.01 | 0.02 | <10 | | 2.61 | 403 | <1 |
| 69 | 10149 | RC | G | | | 0.007 | 1.2 | 0.05 | 9 | 110 | <10 | <2 | 0.04 | <0.5 | 125 | 351 | 44 | 5.42 | <10 | 0.01 | <0.01 | <10 | | 15 | 772 | 2 |
| 69 | 10150 | RC | G | | | 0.031 | 1.4 | 0.52 | 14 | <10 | 60 | 7 | 0.87 | 1 | 20 | 206 | 2770 | 0.97 | <10 | 0.19 | <0.01 | <10 | | 2.69 | 337 | <1 |
| 70 | 10147 | OC | CC | 10 | | 1.37 | 10.7 | 0.24 | 23 | 30 | 20 | 8 | 1.05 | 1 | 25 | 30 | **2.15%** | 4.32 | <10 | 2.78 | 0.02 | <10 | | 0.28 | 231 | <1 |
| 70 | 10148 | OC | G | | | 0.01 | 0.9 | 0.84 | 3 | 20 | 80 | 7 | 0.63 | <0.5 | 63 | 182 | 4320 | 1.43 | <10 | 0.05 | <0.01 | <10 | | 0.83 | 149 | <1 |
| 71 | 6983 | RC | S | | | 0.099 | 20.8 | 1.85 | 7 | | 6 | 6 | 2.66 | 0.2 | 8 | 116 | **1.65%** | 1.11 | <2 | 1.973 | <0.01 | 2 | 2 | 0.31 | 100 | 1 |
| 71 | 6984 | RC | G | | | <0.001 | <0.2 | 1.98 | <5 | | 14 | <5 | 1.18 | <0.2 | 22 | 361 | 8 | 2.64 | <2 | <0.01 | 0.04 | 2 | 4 | 2.86 | 275 | <1 |
| 72 | 2660 | TP | Rep | | | 0.342 | 1.2 | 1.28 | <5 | | 23 | <5 | 1.69 | <0.2 | 13 | 31 | 4667 | 1.1 | <2 | 0.081 | 0.05 | 7 | 2 | 0.4 | 61 | <1 |
| 72 | 2661 | TP | Rep | | | 0.05 | 1.4 | 2.67 | <5 | | 12 | <5 | 3.5 | 0.7 | 42 | 22 | 7906 | 1.29 | <2 | 0.084 | 0.02 | 8 | 2 | 0.46 | 106 | 1 |
| 72 | 2662 | TP | Rep | | | 0.065 | 0.9 | 1.41 | <5 | | 16 | <5 | 1.58 | 0.4 | 21 | 36 | 5189 | 1.3 | <2 | 0.059 | 0.03 | 7 | 2 | 0.45 | 104 | <1 |
| 72 | 9761 | TP | Rep | | | 1.099 | 4.5 | 1.23 | <5 | | 25 | 6 | 1.21 | 0.4 | 22 | 25 | **3.11%** | 2.7 | <2 | 0.289 | 0.05 | 6 | <1 | 0.32 | 52 | 3 |
| 72 | 9762 | TP | Rep | 2 | | 0.167 | 2.8 | 1.72 | <5 | | 28 | <5 | 1.91 | 0.5 | 23 | 21 | **1.76%** | 1.83 | <2 | 0.183 | 0.03 | 6 | 1 | 0.42 | 83 | 2 |
| 72 | 9763 | TP | Rep | 2 | | 0.322 | 2.3 | 1.13 | 6 | | 12 | <5 | 1.5 | 0.4 | 14 | 24 | 6386 | 1.68 | <2 | 0.175 | 0.02 | 6 | 1 | 0.34 | 80 | 2 |
| 72 | 9764 | TP | Rep | 3 | | 0.48 | 1.2 | 1.22 | 8 | | 20 | <5 | 1.62 | 0.2 | 12 | 23 | 4223 | 1.95 | <2 | 0.112 | 0.04 | 7 | 1 | 0.26 | 96 | 1 |
| 72 | 10019 | TP | SC | 11 | 0.5 | 0.167 | 1.4 | 1.24 | <2 | <10 | 270 | <2 | 1.05 | <0.5 | 15 | 56 | 3930 | 1.73 | <10 | 0.11 | 0.02 | 10 | | 0.62 | 115 | <1 |
| 72 | 10020 | TP | Rep | 70 | 5 | 0.048 | 1.1 | 1.68 | 2 | <10 | 300 | <2 | 2 | <0.5 | 33 | 13 | 9770 | 1.34 | 10 | 0.15 | 0.01 | 10 | | 0.45 | 98 | 1 |
| 72 | 10032 | MD | Rep | | | 0.003 | <0.2 | 1.59 | <2 | <10 | 190 | <2 | 0.67 | <0.5 | 16 | 113 | 78 | 2.14 | 10 | 0.01 | 0.02 | <10 | | 1.27 | 242 | <1 |
| 72 | 10069 | MD | G | | | 0.307 | 2 | 0.73 | 12 | <10 | 260 | <2 | 1.06 | <0.5 | 6 | 28 | 4420 | 1.92 | <10 | 0.09 | 0.02 | 10 | | 0.34 | 107 | <1 |
| 72 | 10070 | MD | G | | | 0.263 | 0.4 | 0.82 | <2 | <10 | 260 | <2 | 0.82 | <0.5 | 10 | 25 | 2550 | 1.2 | <10 | 0.04 | 0.02 | 10 | | 0.4 | 91 | <1 |
| 72 | 10071 | MD | S | | | 0.02 | 0.8 | 2.95 | <2 | <10 | 100 | <2 | 4.25 | 0.5 | 40 | 16 | **2.18%** | 0.94 | 10 | 0.18 | <0.01 | 10 | | 0.21 | 105 | <1 |
| 72 | 10217 | RC | Rep | | | 0.02 | 0.7 | 1.29 | 3 | <10 | 210 | 5 | 0.99 | <0.5 | 28 | 123 | 3630 | 2.6 | <10 | 0.02 | 0.02 | <10 | | 1.68 | 266 | <1 |
| 72 | 10218 | RC | G | | | 0.008 | <0.2 | 1.54 | 5 | <10 | 90 | 5 | 0.84 | <0.5 | 215 | 135 | **5.49%** | 2.27 | <10 | 0.01 | 0.01 | <10 | | 1.04 | 1035 | 7 |
| 72 | 10219 | TP | I | | | 0.007 | 0.7 | 1.24 | 8 | <10 | 210 | 9 | 1.07 | <0.5 | 25 | 32 | 7690 | 2.65 | <10 | 0.04 | 0.02 | <10 | | 0.55 | 152 | 1 |
| 72 | 10220 | TP | SC | 36 | 3 | 0.096 | 1.5 | 0.97 | 5 | <10 | 330 | 4 | 1.35 | <0.5 | 19 | 15 | 5920 | 1.35 | <10 | 0.05 | 0.03 | <10 | | 0.33 | 80 | 1 |
| 72 | 10221 | TP | SC | 55 | | 0.05 | 0.9 | 1.17 | 4 | <10 | 260 | 5 | 1.21 | <0.5 | 13 | 32 | 2930 | 1.84 | <10 | 0.02 | 0.03 | <10 | | 0.59 | 167 | <1 |
| 72 | 10222 | TP | SC | | | 0.289 | 2.1 | 1.16 | 2 | <10 | 270 | 7 | 1.2 | <0.5 | 11 | 64 | 2780 | 1.61 | <10 | 0.12 | 0.03 | <10 | | 0.67 | 142 | <1 |
| 72 | 10431 | OC | SC | 8 | | 0.152 | 0.7 | 1.17 | 2 | <10 | 110 | 6 | 1.1 | <0.5 | 17 | 230 | 6170 | 1.43 | <10 | 0.04 | 0.02 | <10 | | 0.93 | 117 | 1 |
| 73 | 10440 | OC | Rep | | | 0.001 | <0.2 | 1.31 | <2 | <10 | 120 | 2 | 0.74 | <0.5 | 39 | 310 | 69 | 2.93 | <10 | <0.01 | 0.19 | <10 | | 3.78 | 251 | 1 |
| 74 | 10143 | RC | G | | | 0.001 | <0.2 | 1.48 | <2 | <10 | 220 | 6 | 1.14 | <0.5 | 6 | 59 | 27 | 0.66 | <10 | <0.01 | 0.05 | <10 | | 0.45 | 95 | <1 |
| 75 | 10144 | OC | G | | | 0.004 | 0.2 | 1.22 | 43 | <10 | 80 | 3 | 0.29 | <0.5 | 24 | 302 | 104 | 3 | <10 | 0.02 | <0.01 | <10 | | 1.7 | 49 | 1 |
| 75 | 10145 | RC | G | | | 2.49 | 3.4 | 0.45 | 122 | <10 | 300 | 23 | 1.4 | 10.9 | 1065 | 43 | 4770 | 15 | 10 | 0.52 | 0.06 | <10 | | 0.23 | 551 | <1 |
| 75 | 10146 | OC | C | 1.5 | | 0.011 | <0.2 | 1.45 | 7 | <10 | 80 | 3 | 0.3 | <0.5 | 47 | 356 | 102 | 2.12 | <10 | 0.01 | 0.02 | <10 | | 2.3 | 93 | 1 |
| 75 | 10513 | OC | C | 4 | | 0.003 | 0.5 | 0.58 | 5 | <10 | 210 | 5 | 0.64 | <0.5 | 144 | 43 | 1885 | 3.68 | <10 | 0.09 | 0.08 | <10 | | 0.15 | 65 | 1 |
| 76 | 10183 | OC | C | 3 | | <0.001 | <0.2 | 1.83 | <2 | <10 | 110 | 2 | 0.9 | <0.5 | 36 | 116 | 127 | 2.68 | <10 | 0.01 | 0.02 | <10 | | 0.64 | 91 | 1 |
| 76 | 10184 | OC | S | 1 | | 0.001 | <0.2 | 2.11 | 4 | <10 | 150 | 6 | 1.17 | <0.5 | 49 | 202 | 136 | 3.18 | <10 | <0.01 | 0.07 | <10 | | 1.08 | 153 | 1 |
| 76 | 10185 | RC | S | 3 | | 0.006 | <0.2 | 0.99 | 3 | <10 | <10 | 4 | 6.58 | 0.8 | 26 | 63 | 16 | 6.35 | <10 | 0.03 | <0.01 | <10 | | 0.12 | 520 | <1 |
| 76 | 10186 | RC | S | 0.7 | | 0.002 | 0.2 | 0.41 | <2 | <10 | 40 | 13 | 3.41 | <0.5 | 28 | 118 | 57 | 1.95 | <10 | 0.01 | <0.01 | <10 | | 0.41 | 248 | <1 |
| 76 | 10459 | OC | Rep | 5 | | 0.016 | 0.5 | 0.66 | 18 | <10 | 130 | 7 | 1.21 | <0.5 | 23 | 38 | 476 | 5.32 | 10 | 0.08 | 0.03 | <10 | | 0.28 | 252 | 1 |
| 77 | 10187 | RC | S | | | 0.002 | <0.2 | 2.92 | 9 | <10 | 10 | 5 | 4.56 | <0.5 | 7 | 69 | 3 | 2.49 | 10 | 0.01 | <0.01 | <10 | | 0.04 | 21 | <1 |
| 78 | 10357 | OC | C | 0.5 | | 0.084 | <0.2 | 1.03 | 91 | <10 | <10 | <2 | 0.08 | 12.4 | 650 | 106 | 2180 | 15 | 20 | <0.01 | 0.03 | <10 | | 0.4 | 96 | 29 |
| 78 | 10358 | OC | C | 4 | | 0.022 | 0.7 | 2.33 | 20 | <10 | 190 | <2 | 1 | 0.9 | 25 | 141 | 945 | 8.64 | 10 | 0.01 | 0.1 | <10 | | 1.05 | 178 | 6 |

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Na pct | Nb ppm | Ni ppm | P ppm | Pb ppm | Pd ppm | Pt ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | Tl ppm | U ppm | V ppm | W ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66 | 10142 | 0.01 | | 18 | 60 | <2 | 0.001 | <0.005 | 0.33 | <2 | 1 | <5 | 11 | | | 0.02 | <10 | <10 | 5 | <10 | | 10 | |
| 66 | 10312 | 0.01 | | 6610 | 590 | 9 | 0.149 | 0.115 | 0.49 | 6 | 2 | <5 | 20 | | | 0.12 | <10 | <10 | 13 | <10 | | 1130 | |
| 66 | 10313 | 0.01 | | 9980 | 470 | 4 | 0.157 | 0.098 | 0.7 | 2 | 2 | <5 | 13 | | | 0.07 | <10 | <10 | 12 | <10 | | 145 | |
| 66 | 10512 | 0.01 | | 535 | 360 | 3 | 0.027 | 0.023 | 0.04 | <2 | 1 | <5 | 24 | | | 0.06 | <10 | <10 | 12 | <10 | | 161 | |
| 67 | 10141 | 0.03 | | 155 | 210 | 2 | 0.012 | <0.005 | 4.99 | <2 | 2 | <5 | 2 | | | 0.14 | <10 | <10 | 62 | <10 | | 26 | |
| 68 | 10151 | 0.05 | | 283 | 410 | <2 | 0.011 | 0.008 | 0.06 | <2 | 3 | <5 | 37 | | | 0.06 | <10 | <10 | 40 | <10 | | 29 | |
| 69 | 10149 | 0.01 | | 2110 | 20 | 2 | 0.006 | 0.005 | 0.02 | 2 | 2 | <5 | 1 | | | <0.01 | <10 | <10 | 3 | <10 | | 40 | |
| 69 | 10150 | 0.01 | | 331 | 150 | 61 | 0.006 | <0.005 | 0.09 | 3 | 1 | <5 | 2 | | | 0.05 | <10 | <10 | 11 | <10 | | 180 | |
| 70 | 10147 | 0.03 | | 120 | 440 | 8 | 0.039 | <0.005 | 1.68 | <2 | 1 | 6 | 20 | | | 0.03 | <10 | <10 | 13 | <10 | | 45 | |
| 70 | 10148 | 0.01 | | 207 | 270 | <2 | 0.01 | 0.006 | 0.16 | <2 | 2 | <5 | 24 | | | 0.11 | <10 | <10 | 23 | 10 | | 31 | |
| 71 | 6983 | 0.01 | 1 | 33 | | 23 | 0.138 | 0.068 | 0.54 | <5 | <5 | <20 | 55 | <10 | <10 | 0.102 | | | 34 | <20 | 4 | 48 | 5 |
| 71 | 6984 | 0.19 | 1 | 190 | | <2 | 0.007 | 0.012 | 0.01 | <5 | <5 | <20 | 25 | <10 | <10 | 0.108 | | | 48 | <20 | 3 | 16 | 6 |
| 72 | 2660 | 0.06 | 4 | 69 | | <2 | 0.002 | <0.005 | 0.11 | <5 | <5 | <20 | 32 | <10 | <10 | 0.318 | | | 65 | <20 | 8 | 23 | 1 |
| 72 | 2661 | 0.02 | 8 | 85 | | 3 | 0.003 | <0.005 | 0.12 | <5 | <5 | <20 | 37 | <10 | <10 | 0.368 | | | 137 | <20 | 8 | 47 | 3 |
| 72 | 2662 | 0.06 | 7 | 47 | | 3 | 0.002 | <0.005 | 0.02 | <5 | <5 | <20 | 44 | <10 | <10 | 0.294 | | | 104 | <20 | 7 | 31 | 2 |
| 72 | 9761 | 0.04 | 4 | 110 | | 9 | 0.005 | 0.006 | 0.15 | <5 | <5 | <20 | 36 | <10 | <10 | 0.254 | | | 76 | <20 | 8 | 116 | <1 |
| 72 | 9762 | 0.04 | 3 | 149 | | 12 | 0.002 | <0.005 | 0.04 | <5 | <5 | <20 | 23 | <10 | <10 | 0.251 | | | 72 | <20 | 7 | 81 | 1 |
| 72 | 9763 | 0.06 | 5 | 69 | | 3 | 0.005 | <0.005 | 0.11 | <5 | <5 | <20 | 32 | <10 | <10 | 0.324 | | | 88 | <20 | 8 | 32 | 4 |
| 72 | 9764 | 0.05 | 7 | 29 | | 5 | 0.002 | <0.005 | 0.04 | <5 | <5 | <20 | 29 | <10 | <10 | 0.325 | | | 108 | <20 | 8 | 27 | 2 |
| 72 | 10019 | 0.03 | | 43 | 790 | 2 | 0.012 | 0.0108 | 0.18 | <2 | 2 | <5 | 18 | | | 0.2 | <10 | <10 | 68 | <10 | | 20 | |
| 72 | 10020 | 0.02 | | 102 | 1180 | <2 | 0.003 | 0.0014 | 0.05 | <2 | 4 | <5 | 14 | | | 0.22 | <10 | <10 | 92 | <10 | | 30 | |
| 72 | 10032 | 0.04 | | 59 | 280 | <2 | 0.01 | 0.0103 | <0.01 | <2 | 2 | <5 | 21 | | | 0.1 | <10 | <10 | 70 | <10 | | 29 | |
| 72 | 10069 | 0.06 | | 35 | 1350 | 2 | 0.002 | <0.000 | 0.04 | 3 | 2 | <5 | 20 | | | 0.37 | <10 | 10 | 90 | <10 | | 10 | |
| 72 | 10070 | 0.03 | | 60 | 740 | 2 | 0.001 | 0.0014 | 0.03 | 2 | 2 | <5 | 17 | | | 0.15 | <10 | <10 | 51 | <10 | | 17 | |
| 72 | 10071 | 0.01 | | 178 | 650 | <2 | 0.003 | 0.0008 | 0.01 | <2 | 3 | <5 | 12 | | | 0.22 | <10 | <10 | 76 | <10 | | 66 | |
| 72 | 10217 | 0.06 | | 144 | 800 | 2 | 0.008 | 0.0053 | 0.12 | <2 | 3 | <5 | 36 | | | 0.16 | <10 | <10 | 91 | <10 | | 25 | |
| 72 | 10218 | 0.05 | | 93 | 280 | 3 | 0.005 | 0.0067 | 0.01 | <2 | 6 | <5 | 31 | | | 0.11 | <10 | <10 | 78 | <10 | | 89 | |
| 72 | 10219 | 0.06 | | 66 | 1000 | 5 | 0.001 | 0.0005 | 0.03 | <2 | 5 | <5 | 31 | | | 0.24 | <10 | <10 | 186 | <10 | | 32 | |
| 72 | 10220 | 0.07 | | 64 | 1050 | 2 | 0.001 | 0.0006 | 0.06 | <2 | 3 | <5 | 22 | | | 0.4 | <10 | <10 | 135 | <10 | | 22 | |
| 72 | 10221 | 0.07 | | 40 | 960 | 3 | 0.001 | 0.0038 | 0.05 | <2 | 3 | <5 | 35 | | | 0.33 | <10 | <10 | 134 | <10 | | 19 | |
| 72 | 10222 | 0.07 | | 56 | 800 | 3 | 0.003 | 0.0026 | 0.02 | <2 | 3 | <5 | 23 | | | 0.25 | <10 | <10 | 76 | 10 | | 17 | |
| 72 | 10431 | 0.07 | | 124 | 480 | 2 | 0.025 | 0.0236 | 0.22 | <2 | 3 | <5 | 23 | | | 0.17 | <10 | <10 | 55 | <10 | | 18 | |
| 73 | 10440 | 0.13 | | 542 | 360 | <2 | 0.01 | 0.0103 | 0.12 | <2 | 4 | <5 | 27 | | | 0.09 | <10 | <10 | 53 | <10 | | 24 | |
| 74 | 10143 | 0.15 | | 34 | 440 | <2 | 0.003 | <0.005 | 0.01 | <2 | 1 | <5 | 35 | | | 0.07 | <10 | <10 | 13 | <10 | | 11 | |
| 75 | 10144 | 0.02 | | 405 | 330 | <2 | 0.01 | 0.009 | 0.24 | <2 | 2 | <5 | 3 | | | 0.09 | <10 | <10 | 28 | 10 | | 3 | |
| 75 | 10145 | 0.01 | | 50 | 450 | 22 | 0.001 | <0.005 | 10 | 8 | 1 | 23 | <1 | | | 0.01 | <10 | 10 | 10 | 10 | | 28 | |
| 75 | 10146 | 0.03 | | 574 | 340 | <2 | 0.009 | 0.009 | 0.3 | <2 | 1 | <5 | 7 | | | 0.04 | <10 | <10 | 29 | <10 | | 9 | |
| 75 | 10513 | 0.04 | | 529 | 590 | 2 | 0.002 | <0.005 | 2.57 | <2 | 1 | <5 | 24 | | | 0.03 | <10 | <10 | 13 | <10 | | 20 | |
| 76 | 10183 | 0.21 | | 203 | 460 | <2 | 0.001 | 0.0007 | 0.49 | <2 | 2 | <5 | 120 | | | 0.1 | <10 | <10 | 23 | <10 | | 5 | |
| 76 | 10184 | 0.28 | | 413 | 470 | <2 | 0.004 | 0.0042 | 1.09 | <2 | 2 | <5 | 105 | | | 0.1 | <10 | <10 | 26 | <10 | | 12 | |
| 76 | 10185 | 0.01 | | 13 | 160 | 2 | <0.001 | 0.0011 | 4.02 | 3 | 4 | 8 | 12 | | | 0.05 | <10 | <10 | 29 | <10 | | 35 | |
| 76 | 10186 | 0.01 | | 49 | 470 | 3 | 0.004 | 0.0035 | 1.53 | 2 | 4 | 5 | 68 | | | 0.16 | <10 | <10 | 18 | <10 | | 14 | |
| 76 | 10459 | 0.02 | | 81 | 480 | <2 | 0.001 | 0.001 | 0.92 | <2 | 2 | <5 | 31 | | | 0.08 | <10 | <10 | 25 | <10 | | 23 | |
| 77 | 10187 | 0.01 | | 23 | 640 | 6 | 0.001 | 0.0009 | 1.23 | <2 | 2 | <5 | 24 | | | 0.11 | <10 | <10 | 55 | <10 | | <2 | |
| 78 | 10357 | 0.01 | | 1720 | 90 | 25 | 0.064 | 0.0075 | 10 | 7 | 3 | 16 | <1 | | | 0.03 | <10 | 20 | 163 | <10 | | 36 | |
| 78 | 10358 | 0.15 | | 96 | 300 | 11 | 0.037 | 0.0063 | 2.56 | <2 | 3 | <5 | 145 | | | 0.07 | <10 | <10 | 70 | <10 | | 40 | |

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Site | Method | Size (ft) | Int | Au ppm | Ag ppm | Al pct | As ppm | B ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | Hg ppm | K pct | La ppm | Li ppm | Mg pct | Mn ppm | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78 | 10442 | OC | RC | 5 | | 0.013 | 0.3 | 2.33 | 4 | <10 | 280 | 3 | 1.15 | <0.5 | 25 | 88 | 348 | 4.89 | <10 | <0.01 | 0.15 | <10 | | 1.24 | 253 | 2 |
| 79 | 10224 | OC | G | | | 0.009 | 2.9 | 0.79 | 121 | <10 | <10 | 4 | 4.43 | 0.8 | 46 | 44 | 1210 | 3.68 | <10 | 0.2 | <0.01 | <10 | | 0.05 | 848 | <1 |
| 79 | 10225 | OC | C | 5 | | 0.003 | 0.3 | 1.82 | 27 | <10 | 350 | 3 | 2.26 | <0.5 | 14 | 81 | 106 | 2.82 | <10 | 0.01 | 0.07 | <10 | | 0.73 | 123 | 1 |
| 79 | 10359 | OC | S | 0.3 | | 0.025 | 1.2 | 1.73 | 88 | <10 | 10 | 5 | 3.11 | <0.5 | 17 | 104 | 142 | 3.43 | 10 | 0.04 | 0.01 | <10 | | 0.11 | 240 | 1 |
| 79 | 10360 | OC | C | 1 | | 0.025 | 3.1 | 2.1 | 14 | <10 | 60 | 3 | 3.89 | <0.5 | 96 | 41 | 7040 | 6.05 | 10 | 0.02 | 0.03 | <10 | | 0.12 | 333 | <1 |
| 80 | 10152 | OC | G | | | 0.003 | 0.3 | 3.35 | 7 | <10 | 270 | 8 | 1.52 | <0.5 | 21 | 193 | 96 | 3.33 | 10 | <0.01 | 0.03 | <10 | | 1.76 | 397 | 1 |
| 81 | 10153 | FL | S | | | 0.012 | 0.5 | 2.83 | 24 | <10 | 250 | 6 | 0.97 | <0.5 | 121 | 113 | 786 | 5.08 | <10 | 0.03 | 0.07 | <10 | | 1.14 | 172 | 1 |
| 82 | 10068 | OC | Rep | | | 0.001 | <0.2 | 2.66 | <2 | <10 | 40 | <2 | 0.28 | <0.5 | 66 | 983 | 264 | 3.8 | 40 | 0.02 | 0.01 | 10 | | 4.28 | 243 | <1 |
| 82 | 10078 | RC | Rep | | | <0.001 | <0.2 | 2.55 | 8 | <10 | 100 | <2 | 0.59 | <0.5 | 37 | 694 | 28 | 3.73 | <10 | <0.01 | 0.01 | <10 | | 3.81 | 444 | 1 |
| 83 | 1023 | RC | G | | | 0.014 | <0.2 | 2.01 | <5 | | 89 | <5 | 1.86 | <0.2 | 14 | 36 | 73 | 2.57 | 2 | 0.07 | 0.18 | 11 | 3 | 0.67 | 208 | 2 |
| 83 | 6981 | OC | S | | | 0.012 | 0.4 | 0.63 | 41 | | 5 | <5 | 1.37 | <0.2 | 73 | 42 | 344 | 8.27 | 3 | 0.03 | <0.01 | 2 | <1 | 0.24 | 119 | <1 |
| 83 | 6982 | RC | G | | | 0.002 | <0.2 | 2.56 | <5 | | 15 | <5 | 2.18 | <0.2 | 26 | 130 | 263 | 2.2 | <2 | <0.01 | 0.05 | 7 | 4 | 0.16 | 62 | 1 |
| 84 | 6979 | OC | G | | | <0.001 | <0.2 | 1.53 | 11 | | 17 | <5 | 5.13 | <0.2 | 20 | 51 | 89 | 5.18 | 3 | 0.023 | 0.01 | 3 | 3 | 0.26 | 1094 | <1 |
| 84 | 6980 | OC | G | | | 0.003 | <0.2 | 2.17 | <5 | | 51 | <5 | 1.28 | <0.2 | 23 | 28 | 121 | 4.49 | 4 | <0.01 | 0.11 | 11 | 3 | 0.91 | 322 | <1 |
| 85 | 10063 | RC | S | | | 0.237 | 3.5 | 2.93 | 5 | 60 | 10 | <2 | 15 | 4 | 26 | 94 | 2590 | 2.78 | <10 | 0.01 | <0.01 | <10 | | 5.36 | 678 | 4 |
| 86 | 10033 | OC | S | | | 0.003 | 2.2 | 1.7 | <2 | <10 | 30 | <2 | 0.7 | 7.4 | 14 | 31 | 2430 | 3.08 | 30 | 0.06 | <0.01 | <10 | | 4.9 | 2120 | <1 |
| 86 | 10034 | OC | G | | | 0.002 | <0.2 | 0.33 | 7 | 40 | <10 | <2 | 0.78 | 0.9 | 114 | 455 | 21 | 5.11 | 70 | 0.03 | <0.01 | 10 | | 15 | 426 | <1 |
| 87 | 10060 | OC | Rep | | | 0.001 | <0.2 | 5.17 | <2 | <10 | 200 | <2 | 3.48 | <0.5 | 20 | 82 | 105 | 2.19 | 10 | <0.01 | 0.13 | <10 | | 0.6 | 261 | <1 |
| 87 | 10180 | OC | G | | | <0.001 | <0.2 | 5.75 | <2 | <10 | 30 | 3 | 4.02 | <0.5 | 26 | 60 | 170 | 3 | 10 | <0.01 | 0.04 | <10 | | 1.58 | 377 | <1 |
| 88 | 10332 | FL | S | | | 1.07 | 1.6 | 0.25 | 2 | 20 | 10 | <2 | 0.09 | 1.4 | 137 | 341 | 1570 | 11.55 | <10 | 0.03 | <0.01 | <10 | | 13.05 | 1520 | 1 |
| 89 | 10039 | OC | S | | | 0.015 | 0.3 | 4.32 | <2 | <10 | 100 | <2 | 3.4 | 0.9 | 20 | 46 | 1340 | 3.86 | 20 | 0.01 | 0.03 | 10 | | 3.68 | 516 | <1 |
| 89 | 10040 | OC | CC | 1.2 | | 0.005 | <0.2 | 2.6 | <2 | <10 | 320 | <2 | 1.28 | <0.5 | 15 | 28 | 255 | 2.81 | 10 | <0.01 | 0.27 | 10 | | 1.22 | 195 | <1 |
| 89 | 10041 | OC | CC | | | 0.016 | 0.3 | 0.05 | 20 | <10 | <10 | <2 | 0.06 | <0.5 | 122 | 157 | 33 | 6.83 | <10 | <0.01 | <0.01 | <10 | | 15 | 1020 | <1 |
| 89 | 10330 | OC | C | 1 | | 0.006 | 0.3 | 2.36 | <2 | <10 | 170 | 6 | 1.4 | <0.5 | 15 | 44 | 231 | 3 | 10 | 0.06 | 0.15 | <10 | | 0.95 | 218 | <1 |
| 89 | 10331 | OC | C | 1 | | 0.002 | 1.2 | 0.05 | <2 | 20 | <10 | <2 | 0.04 | <0.5 | 120 | 147 | 11 | 6.06 | <10 | 0.1 | <0.01 | <10 | | 15 | 912 | 1 |
| 90 | 10038 | RC | G | | | 0.019 | 0.2 | 0.03 | 2 | <10 | <10 | <2 | 0.09 | 1.1 | 132 | 185 | 81 | 6.45 | 90 | <0.01 | <0.01 | 10 | | 15 | 998 | <1 |
| 91 | 6999 | RC | Rep | | | <0.001 | <0.2 | 3.44 | <5 | | 23 | <5 | 1.88 | <0.2 | 42 | 64 | 9 | 3.9 | 4 | <0.01 | 0.03 | <1 | 8 | 6.02 | 452 | <1 |
| 92 | 10076 | RC | Rep | | | 0.001 | <0.2 | 1.85 | 18 | <10 | 80 | <2 | 0.44 | <0.5 | 31 | 374 | 74 | 2.41 | 20 | 0.01 | 0.01 | <10 | | 2.34 | 233 | <1 |
| 92 | 10077 | RC | Rep | | | 0.001 | <0.2 | 2.3 | 12 | <10 | 130 | <2 | 1.14 | <0.5 | 29 | 40 | 145 | 5.04 | <10 | 0.01 | 0.04 | <10 | | 1.62 | 490 | 1 |
| 93 | 10061 | OC | CC | 5.5 | | 0.037 | <0.2 | 0.47 | 27 | <10 | 10 | 2 | 8.14 | 4.2 | 5 | 33 | 309 | 15 | 10 | 0.04 | 0.01 | <10 | | 0.07 | 716 | 1 |
| 93 | 10062 | OC | G | | | 0.008 | <0.2 | 0.19 | 17 | <10 | <10 | 8 | 4.19 | 6.7 | 15 | 19 | 78 | 15 | 20 | 0.01 | 0.01 | <10 | | 0.04 | 469 | <1 |
| 93 | 10525 | OC | SC | 6 | 0.5 | 0.009 | <0.2 | 0.4 | 25 | <10 | <10 | <2 | 5.94 | 8.2 | 151 | 49 | 1205 | 15 | 10 | 0.02 | 0.01 | <10 | | 0.1 | 495 | <1 |
| 93 | 10526 | OC | SC | 5 | 0.5 | 0.003 | <0.2 | 0.69 | 13 | <10 | 20 | 3 | 3.96 | 1.8 | 102 | 101 | 805 | 11.65 | <10 | 0.03 | 0.01 | <10 | | 0.23 | 595 | <1 |
| 93 | 10527 | FL | G | | | 0.021 | 0.4 | 0.84 | 13 | <10 | <10 | <2 | 5.06 | 3.1 | 129 | 42 | 2750 | 13.95 | 10 | 0.01 | 0.01 | <10 | | 0.06 | 1130 | <1 |
| 94 | 10059 | RC | Rep | 150 | | 0.014 | 4.3 | 1.37 | 23 | <10 | 40 | <2 | 1.75 | <0.5 | 30 | 117 | 5100 | 2.74 | <10 | 0.16 | 0.01 | <10 | | 0.53 | 141 | 1 |
| 94 | 10179 | FL | S | | | 0.018 | 13.1 | 1.15 | 74 | <10 | 20 | 6 | 2.23 | 0.8 | 75 | 91 | **2.38%** | 5.99 | <10 | 0.4 | 0.01 | <10 | | 0.45 | 148 | 1 |
| 95 | 10054 | RC | S | | | 0.262 | 5.4 | 0.47 | 14 | <10 | 890 | 8 | 0.05 | <0.5 | 238 | 107 | **1.98%** | 6.6 | <10 | 0.59 | 0.15 | <10 | | 0.11 | 110 | 9 |
| 95 | 10055 | FL | S | | | 0.109 | 1 | 1.85 | 9 | <10 | 720 | <2 | 0.58 | 0.7 | 112 | 84 | 1445 | 10.7 | <10 | 0.01 | 0.07 | <10 | | 1.37 | 587 | 1 |
| 95 | 10056 | OC | SC | 6.5 | | 0.038 | 1.5 | 1.81 | 74 | 30 | 40 | <2 | 0.24 | 1.7 | 79 | 528 | 1350 | 11.3 | <10 | 0.01 | 0.03 | <10 | | 6.84 | 579 | <1 |
| 95 | 10057 | RC | S | | | 0.039 | 9.1 | 1.53 | 84 | <10 | 90 | 13 | 0.65 | 8.9 | 443 | 146 | **2.15%** | 15 | <10 | <0.01 | 0.03 | <10 | | 0.81 | 301 | <1 |
| 95 | 10058 | OC | G | | | 0.009 | <0.2 | 1.43 | 48 | <10 | 270 | 5 | 0.03 | 0.8 | 36 | 75 | 184 | 13.45 | 10 | 0.33 | 0.01 | <10 | | 0.88 | 214 | <1 |
| 95 | 10176 | OC | C | 5 | | 0.004 | 1.1 | 3.57 | 2 | <10 | 1160 | <2 | 0.39 | 0.5 | 86 | 27 | 2840 | 8.03 | 10 | 0.06 | 0.11 | <10 | | 2.81 | 990 | <1 |
| 95 | 10177 | OC | C | 4 | | <0.001 | 4.2 | 2.61 | 12 | <10 | 550 | <2 | 0.91 | 2.4 | 52 | 112 | **1.16%** | 8.65 | <10 | 0.01 | 0.06 | <10 | | 1.73 | 585 | <1 |
| 95 | 10178 | OC | C | 2 | | <0.001 | 1 | 1.37 | 27 | 20 | <10 | <2 | 0.16 | 10.7 | 639 | 268 | 4960 | 15 | 10 | 0.02 | 0.01 | <10 | | 3.35 | 454 | <1 |
| 96 | 10321 | FL | S | | | 0.258 | 6 | 0.74 | <2 | 30 | 60 | 2 | 0.25 | 0.5 | 137 | 319 | 5140 | 8.62 | <10 | 0.02 | 0.04 | <10 | | 10.65 | 580 | 1 |
| 96 | 10322 | FL | S | | | 0.206 | 6.2 | 1.7 | 19 | <10 | 200 | 6 | 0.98 | 0.6 | 24 | 109 | 4060 | 1.72 | <10 | 0.18 | 0.01 | <10 | | 2.15 | 222 | <1 |

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Na pct | Nb ppm | Ni ppm | P ppm | Pb ppm | Pd ppm | Pt ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | Tl ppm | U ppm | V ppm | W ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78 | 10442 | 0.2 | | 75 | 590 | 7 | 0.02 | 0.0137 | 0.78 | <2 | 5 | <5 | 97 | | | 0.13 | <10 | <10 | 115 | <10 | | 51 | |
| 79 | 10224 | 0.01 | | 15 | 500 | 146 | 0.001 | 0.0006 | 0.11 | 5 | 1 | <5 | 13 | | | 0.04 | <10 | <10 | 10 | <10 | | 258 | |
| 79 | 10225 | 0.07 | | 35 | 610 | 5 | 0.002 | 0.0011 | 0.69 | <2 | 5 | <5 | 26 | | | 0.16 | <10 | <10 | 66 | <10 | | 59 | |
| 79 | 10359 | 0.04 | | 25 | 720 | 4 | 0.002 | 0.0019 | 1.05 | <2 | 3 | <5 | 22 | | | 0.15 | <10 | <10 | 53 | 10 | | 12 | |
| 79 | 10360 | 0.02 | | 116 | 560 | 4 | 0.001 | 0.0017 | 4.53 | <2 | 2 | <5 | 12 | | | 0.06 | <10 | <10 | 25 | <10 | | 54 | |
| 80 | 10152 | 0.26 | | 97 | 430 | 9 | 0.005 | <0.005 | <0.01 | <2 | 2 | <5 | 113 | | | 0.19 | <10 | <10 | 47 | <10 | | 59 | |
| 81 | 10153 | 0.19 | | 909 | 190 | 5 | 0.251 | 0.05 | 1.05 | 3 | 2 | <5 | 54 | | | 0.04 | <10 | <10 | 55 | <10 | | 25 | |
| 82 | 10068 | 0.01 | | 834 | 370 | <2 | 0.013 | 0.0166 | 0.76 | <2 | 1 | <5 | <1 | | | 0.14 | <10 | <10 | 49 | <10 | | 26 | |
| 82 | 10078 | 0.05 | | 424 | 350 | <2 | 0.001 | 0.0013 | 0.04 | <2 | 2 | <5 | 4 | | | 0.24 | <10 | <10 | 62 | <10 | | 44 | |
| 83 | 1023 | 0.08 | 6 | 22 | | 5 | 0.017 | 0.015 | 0.04 | <5 | <5 | <20 | 57 | <10 | <10 | 0.113 | | | 109 | <20 | 8 | 36 | 3 |
| 83 | 6981 | <0.01 | <1 | 165 | | 11 | 0.002 | <0.005 | 6.8 | <5 | <5 | <20 | 135 | <10 | <10 | 0.064 | | | 16 | <20 | 3 | 26 | 4 |
| 83 | 6982 | 0.28 | <1 | 28 | | 5 | 0.002 | <0.005 | 1.31 | <5 | <5 | <20 | 149 | <10 | <10 | 0.152 | | | 22 | <20 | 6 | 23 | 11 |
| 84 | 6979 | 0.01 | <1 | 26 | | <2 | <0.001 | <0.005 | 0.19 | <5 | <5 | <20 | 36 | <10 | <10 | 0.072 | | | 27 | <20 | 3 | 27 | 5 |
| 84 | 6980 | 0.12 | 7 | 27 | | 4 | 0.012 | 0.012 | 0.02 | <5 | <5 | <20 | 82 | <10 | <10 | 0.087 | | | 133 | <20 | 8 | 51 | 5 |
| 85 | 10063 | 0.01 | | 164 | 10 | 4 | 0.013 | 0.0094 | 0.15 | <2 | 3 | <5 | 176 | | | 0.05 | <10 | <10 | 6 | <10 | | 640 | |
| 86 | 10033 | 0.01 | | 70 | 170 | 2 | 0.002 | 0.0013 | 0.11 | <2 | 4 | <5 | <1 | | | 0.08 | <10 | <10 | 47 | <10 | | 568 | |
| 86 | 10034 | 0.01 | | 1910 | 20 | <2 | 0.019 | 0.0205 | 0.23 | <2 | 4 | <5 | <1 | | | <0.01 | <10 | <10 | 5 | <10 | | 20 | |
| 87 | 10060 | 0.85 | | 57 | 250 | <2 | 0.002 | 0.003 | 0.03 | 2 | 1 | <5 | 216 | | | 0.05 | <10 | 10 | 69 | <10 | | 47 | |
| 87 | 10180 | 0.76 | | 98 | 120 | 3 | <0.001 | <0.000 | 0.04 | 4 | 2 | <5 | 114 | | | 0.02 | <10 | <10 | 35 | <10 | | 25 | |
| 88 | 10332 | 0.01 | | 1270 | 90 | 2 | 0.348 | 0.227 | 0.12 | <2 | 6 | <5 | 4 | | | 0.02 | <10 | <10 | 48 | <10 | | 90 | |
| 89 | 10039 | 0.18 | | 66 | 660 | <2 | 0.023 | 0.0073 | <0.01 | <2 | 4 | <5 | 9 | | | 0.18 | <10 | <10 | 102 | <10 | | 72 | |
| 89 | 10040 | 0.51 | | 46 | 730 | <2 | 0.023 | 0.0056 | <0.01 | <2 | 2 | <5 | 57 | | | 0.19 | <10 | 10 | 117 | <10 | | 45 | |
| 89 | 10041 | 0.01 | | 2030 | <10 | <2 | 0.045 | 0.059 | 0.05 | <2 | 4 | <5 | <1 | | | <0.01 | <10 | <10 | 3 | <10 | | 38 | |
| 89 | 10330 | 0.45 | | 47 | 740 | <2 | 0.023 | 0.0051 | <0.01 | 2 | 2 | <5 | 48 | | | 0.24 | <10 | <10 | 141 | <10 | | 43 | |
| 89 | 10331 | 0.01 | | 2030 | 20 | 2 | 0.054 | 0.0745 | 0.07 | <2 | 2 | <5 | 3 | | | <0.01 | <10 | <10 | 2 | <10 | | 26 | |
| 90 | 10038 | 0.01 | | 2400 | 20 | <2 | 0.104 | 0.142 | 0.05 | <2 | 4 | <5 | <1 | | | <0.01 | <10 | <10 | 2 | <10 | | 39 | |
| 91 | 6999 | 0.29 | <1 | 292 | | 2 | 0.007 | 0.005 | 0.01 | <5 | <5 | <20 | 184 | <10 | <10 | <0.01 | | | 7 | <20 | <1 | 22 | <1 |
| 92 | 10076 | 0.05 | | 318 | 340 | <2 | 0.01 | 0.0099 | 0.12 | <2 | 2 | <5 | 5 | | | 0.12 | <10 | <10 | 35 | <10 | | 21 | |
| 92 | 10077 | 0.11 | | 82 | 410 | <2 | 0.001 | 0.0011 | 0.13 | <2 | 3 | <5 | 7 | | | 0.32 | <10 | <10 | 159 | <10 | | 99 | |
| 93 | 10061 | 0.01 | | 4 | 230 | 25 | 0.001 | 0.0005 | 0.52 | <2 | 1 | 18 | <1 | | | 0.02 | <10 | 10 | 16 | <10 | | 30 | |
| 93 | 10062 | 0.02 | | 18 | 150 | 48 | <0.001 | <0.000 | <0.01 | <2 | <1 | 22 | <1 | | | 0.01 | <10 | 10 | 9 | <10 | | 43 | |
| 93 | 10525 | 0.01 | | 107 | 120 | 9 | 0.001 | 0.0019 | 5.48 | 3 | 2 | 23 | <1 | | | 0.02 | <10 | 20 | 20 | 10 | | 10 | |
| 93 | 10526 | 0.01 | | 77 | 260 | 6 | 0.003 | 0.0046 | 5.32 | <2 | 2 | 13 | 5 | | | 0.07 | <10 | 10 | 31 | <10 | | 16 | |
| 93 | 10527 | 0.01 | | 13 | 520 | 5 | 0.001 | 0.0017 | 7.55 | <2 | 2 | 12 | <1 | | | 0.03 | <10 | 10 | 13 | 10 | | 28 | |
| 94 | 10059 | 0.03 | | 67 | 490 | <2 | 0.002 | 0.0019 | 0.78 | 2 | 2 | <5 | 12 | | | 0.15 | <10 | <10 | 30 | <10 | | 79 | |
| 94 | 10179 | 0.02 | | 217 | 590 | 4 | 0.003 | 0.001 | 3.13 | 2 | 2 | <5 | 33 | | | 0.09 | <10 | <10 | 23 | <10 | | 171 | |
| 95 | 10054 | 0.01 | | 4 | 110 | <2 | <0.001 | 0.0006 | 5.97 | <2 | 1 | <5 | <1 | | | <0.01 | <10 | <10 | 4 | <10 | | 41 | |
| 95 | 10055 | 0.05 | | 156 | 650 | 5 | 0.025 | 0.0167 | 4.68 | <2 | 4 | <5 | 32 | | | 0.1 | <10 | <10 | 119 | <10 | | 109 | |
| 95 | 10056 | 0.01 | | 761 | 120 | <2 | 0.06 | 0.0187 | 0.61 | <2 | 3 | <5 | <1 | | | 0.06 | <10 | <10 | 47 | 10 | | 38 | |
| 95 | 10057 | 0.03 | | 1820 | 150 | 73 | 0.375 | 0.0716 | 10 | <2 | 1 | 9 | 52 | | | 0.03 | <10 | <10 | 51 | <10 | | 160 | |
| 95 | 10058 | 0.03 | | 27 | 180 | 6 | 0.017 | 0.019 | 8.34 | 3 | 4 | <5 | <1 | | | <0.01 | <10 | <10 | 46 | <10 | | 21 | |
| 95 | 10176 | 0.02 | | 7 | 940 | 4 | <0.001 | <0.000 | 2.01 | <2 | 9 | <5 | 12 | | | 0.15 | <10 | <10 | 106 | <10 | | 65 | |
| 95 | 10177 | 0.03 | | 207 | 400 | 5 | 0.003 | 0.0008 | 2.51 | <2 | 4 | <5 | 66 | | | 0.1 | <10 | <10 | 104 | <10 | | 115 | |
| 95 | 10178 | 0.01 | | 2110 | 90 | 13 | 0.004 | 0.0031 | 9.39 | <2 | 4 | 11 | 13 | | | 0.03 | <10 | 20 | 36 | <10 | | 63 | |
| 96 | 10321 | 0.05 | | 3220 | 190 | 17 | 0.643 | 0.515 | 1.52 | <2 | 3 | <5 | 13 | | | 0.05 | <10 | <10 | 24 | <10 | | 34 | |
| 96 | 10322 | 0.04 | | 1230 | 420 | 21 | 0.772 | 0.676 | 0.27 | 12 | 2 | <5 | 50 | | | 0.09 | <10 | <10 | 30 | <10 | | 20 | |

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Site | Method | Size (ft) | Int | Au ppm | Ag ppm | Al pct | As ppm | B ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | Hg ppm | K pct | La ppm | Li ppm | Mg pct | Mn ppm | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96 | 10323 | RC | S | 0.5 | | 0.249 | 3.3 | 0.66 | 2 | 10 | 70 | 3 | 0.22 | <0.5 | 159 | 231 | 4670 | 8.11 | <10 | <0.01 | 0.05 | <10 | | 11.2 | 655 | 1 |
| 96 | 10324 | RC | S | 1 | | 0.709 | 3.2 | 0.72 | <2 | 30 | 20 | <2 | 0.24 | <0.5 | 242 | 350 | 2930 | 9.6 | <10 | 0.01 | 0.02 | <10 | | 9.99 | 587 | 1 |
| 96 | 10325 | RC | Rep | 1 | | 0.19 | 4.6 | 0.6 | <2 | 60 | 60 | <2 | 0.19 | <0.5 | 276 | 289 | 3630 | 11.95 | <10 | 0.01 | 0.04 | <10 | | 10.2 | 586 | 1 |
| 97 | 10037 | OC | G | | | 0.012 | <0.2 | 0.23 | <2 | 20 | <10 | <2 | 0.32 | 0.9 | 123 | 313 | 39 | 6.71 | 70 | 0.06 | <0.01 | 10 | | 15 | 525 | <1 |
| 98 | 10035 | RC | G | | | 0.001 | <0.2 | 0.9 | 2 | <10 | 230 | <2 | 1.39 | <0.5 | 6 | 31 | 18 | 1.34 | 10 | 0.03 | 0.01 | <10 | | 0.3 | 623 | <1 |
| 98 | 10036 | RC | G | | | 0.003 | <0.2 | 2.57 | <2 | <10 | 140 | <2 | 0.46 | <0.5 | 30 | 249 | 116 | 3.01 | 20 | 0.01 | 0.02 | <10 | | 3.68 | 430 | <1 |
| 98 | 10326 | OC | Rep | 2 | | 0.004 | 0.7 | 1.36 | 2 | 10 | 50 | <2 | 0.16 | <0.5 | 64 | 448 | 135 | 4.81 | <10 | 0.03 | 0.04 | <10 | | 10.35 | 604 | <1 |
| 98 | 10327 | OC | C | 2.5 | | 0.001 | 0.6 | 1.08 | <2 | 50 | 60 | <2 | 0.18 | <0.5 | 74 | 424 | 22 | 4.91 | <10 | 0.04 | 0.05 | <10 | | 10.6 | 504 | <1 |
| 98 | 10328 | OC | C | 1 | | <0.001 | <0.2 | 2.59 | <2 | <10 | 120 | 2 | 2.16 | <0.5 | 18 | 382 | 5 | 1.86 | <10 | <0.01 | 0.01 | <10 | | 2.11 | 253 | <1 |
| 98 | 10329 | OC | C | 1 | | 0.062 | <0.2 | 0.61 | 26 | <10 | 280 | <2 | 10.65 | 0.9 | 40 | 119 | 17 | 5.07 | <10 | 10 | 0.03 | <10 | | 4.16 | 1960 | <1 |
| 99 | 2886 | OC | G | | | 0.048 | 0.3 | 1.68 | 9 | | 88 | <5 | 0.23 | <0.2 | 10 | 73 | 84 | 3.91 | 5 | 0.581 | 0.19 | 2 | 17 | 1.52 | 738 | 8 |
| 100 | 10349 | OC | G | | | 0.013 | 0.6 | 1.67 | 4 | 40 | 90 | <2 | 0.31 | <0.5 | 74 | 342 | 627 | 5.37 | <10 | 0.05 | 0.06 | <10 | | 8.48 | 646 | <1 |
| 100 | 10520 | OC | C | 1.3 | | 0.019 | 1.4 | 1.05 | 3 | <10 | <10 | <2 | 7.72 | 1.7 | 13 | 155 | 4150 | 7.76 | <10 | 0.99 | <0.01 | <10 | | 0.87 | 322 | <1 |
| 100 | 10521 | OC | S | 0.5 | | 0.089 | 22.9 | 0.95 | 44 | 10 | <10 | <2 | 5.98 | 6.1 | 79 | 129 | **6.25%** | 11.85 | 10 | 5.8 | <0.01 | <10 | | 0.92 | 275 | <1 |
| 100 | 10522 | OC | C | 6 | | 0.25 | 1.2 | 0.19 | 7 | <10 | <10 | <2 | 0.74 | 4.4 | 310 | 51 | 4840 | 15 | 10 | 0.68 | <0.01 | <10 | | 0.25 | 62 | <1 |
| 100 | 10523 | OC | S | | | 0.056 | 0.3 | 0.1 | 7 | <10 | <10 | <2 | 1.01 | 2.4 | 266 | 24 | 2680 | 15 | <10 | 0.49 | <0.01 | <10 | | 0.15 | 60 | <1 |
| 100 | 10524 | OC | G | | | 0.005 | 0.4 | 1.43 | <2 | 40 | 70 | <2 | 0.41 | <0.5 | 79 | 362 | 321 | 5.61 | <10 | 0.02 | 0.1 | <10 | | 9.43 | 540 | 1 |
| 101 | 6995 | RC | S | | | 0.062 | 0.8 | 1.4 | <5 | | 24 | <5 | 0.78 | 0.4 | 83 | 236 | 1120 | 6.67 | 2 | 0.025 | 0.06 | <1 | 4 | 8.79 | 717 | <1 |
| 101 | 6996 | RC | S | | | 0.072 | 1 | 1.33 | <5 | | 32 | <5 | 0.36 | 0.4 | 78 | 219 | 1315 | 6.59 | 3 | 0.011 | 0.11 | <1 | 4 | 7.22 | 656 | <1 |
| 102 | 6997 | RC | Rep | | | 0.004 | <0.2 | 2.66 | <5 | | 15 | <5 | 1.67 | <0.2 | 21 | 30 | 175 | 4.4 | 4 | <0.01 | 0.06 | 4 | 3 | 1.1 | 257 | <1 |
| 102 | 6998 | FL | S | | | 0.022 | 3.9 | 1.47 | 11 | | 7 | <5 | 5.85 | 3.4 | 11 | 30 | 2844 | 2.22 | 3 | 0.215 | <0.01 | <1 | 7 | 0.61 | 292 | 2 |
| 103 | 10347 | OC | G | | | 0.024 | 1.3 | 0.54 | <2 | <10 | <10 | <2 | 0.49 | <0.5 | 147 | 289 | 509 | 9.32 | <10 | 0.03 | 0.02 | <10 | | 15 | 1260 | <1 |
| 103 | 10507 | OC | Rep | | | 0.016 | 0.9 | 0.57 | <2 | <10 | <10 | <2 | 0.25 | 0.6 | 132 | 107 | 322 | 8.11 | <10 | <0.01 | 0.01 | <10 | | 15 | 1115 | 1 |
| 104 | 10168 | OC | RC | | | 0.008 | 0.3 | 0.49 | 14 | <10 | 200 | <2 | 0.19 | 1.4 | 8 | 100 | 89 | 1.44 | 10 | 0.02 | 0.03 | 10 | | 0.37 | 286 | 1 |
| 105 | 10109 | OC | G | 1 | | <0.001 | <0.2 | 0.29 | 10 | <10 | 270 | <2 | 0.04 | <0.5 | 3 | 56 | 113 | 1.27 | <10 | 0.03 | 0.07 | <10 | | 0.08 | 221 | <1 |
| 105 | 10110 | OC | G | 1 | | 0.001 | <0.2 | 0.63 | <2 | <10 | 410 | 2 | 0.45 | <0.5 | 3 | 57 | 68 | 1 | <10 | 0.02 | 0.13 | 10 | | 0.27 | 226 | <1 |
| 106 | 9753 | RC | S | | | 0.003 | 3.8 | 1.38 | 8 | | 89 | <5 | 0.14 | <0.2 | 12 | 61 | 2916 | 3.41 | 3 | 0.227 | 0.21 | 2 | 7 | 0.91 | 637 | 2 |
| 106 | 10004 | RC | Rep | 20 | | <0.001 | 0.3 | 3.11 | 8 | <10 | 1850 | 8 | 0.7 | 2 | 19 | 30 | 704 | 4.03 | <10 | 0.05 | 0.08 | <10 | | 2.68 | 2320 | <1 |
| 106 | 10005 | RC | Rep | 55 | | 0.003 | 0.5 | 2.82 | 24 | <10 | 1200 | 4 | 0.31 | <0.5 | 18 | 22 | 605 | 4.29 | <10 | 0.05 | 0.12 | <10 | | 1.86 | 1925 | 3 |
| 106 | 10208 | OC | CC | 2 | | 0.001 | 0.3 | 2.92 | 4 | <10 | 920 | <2 | 0.51 | 1.7 | 19 | 43 | 515 | 4.52 | 10 | 0.03 | 0.11 | <10 | | 2.65 | 2280 | <1 |
| 106 | 10209 | OC | CC | 0.2 | | 0.015 | 18.6 | 1.16 | 225 | <10 | 6280 | <2 | 0.41 | 1.5 | 7 | 91 | **3.04%** | 3.37 | <10 | 0.21 | 0.05 | <10 | | 0.64 | 892 | <1 |
| 106 | 10210 | OC | C | 0.3 | | 0.002 | 0.8 | 0.92 | 14 | <10 | 790 | 8 | 5.44 | 1.2 | 5 | 67 | 1065 | 1.37 | <10 | 0.1 | 0.07 | <10 | | 0.66 | 1090 | 1 |
| 107 | 1022 | OC | C | 0.4 | | 0.032 | 3.3 | 0.24 | 13 | | 56 | 6 | 2.43 | 111.5 | 9 | 106 | 365 | 0.8 | <2 | 6.005 | 0.16 | <1 | <1 | 0.05 | 576 | 34 |
| 107 | 6965 | RC | S | | | 0.011 | 6 | 3.75 | 6 | | 37 | 6 | 1.3 | 0.9 | 18 | 45 | **2%** | 9.42 | 11 | 0.071 | 0.09 | 2 | 9 | 3.19 | 3413 | <1 |
| 107 | 6966 | RC | S | | | 0.004 | 1.1 | 1.23 | 8 | | 115 | <5 | 0.42 | 0.4 | 8 | 98 | 1939 | 2.27 | 3 | 0.089 | 0.19 | 2 | 3 | 0.72 | 759 | 2 |
| 108 | 1021 | OC | Rep | 3 | | 0.123 | 8.2 | 0.51 | 65 | | 64 | <5 | 0.29 | 2.9 | 9 | 208 | 169 | 3.94 | 4 | 0.152 | 0.1 | 2 | 2 | 0.28 | 199 | 12 |
| 108 | 9752 | RC | S | 0.5 | | 0.036 | 3.4 | 3.14 | 25 | | 13 | <5 | 0.05 | 0.4 | 53 | 62 | 63 | >10 | 12 | 0.045 | 0.06 | <1 | 8 | 2.39 | 2138 | 41 |
| 108 | 10302 | OC | G | | | 0.082 | 13.9 | 4.65 | 53 | <10 | 470 | 15 | 0.02 | 2.6 | 48 | 35 | 8880 | 15 | 10 | 0.05 | 0.06 | <10 | | 3.61 | 2880 | 66 |
| 109 | 6964 | RC | S | | | 0.053 | 2.9 | 0.11 | <5 | | 20 | <5 | 0.07 | 3.3 | 1408 | 154 | **2.25%** | >10 | 12 | 0.171 | <0.01 | <1 | 1 | 0.94 | 181 | <1 |
| 109 | 10136 | OC | C | 4 | | 0.005 | 0.4 | 4.08 | 11 | 160 | 110 | 11 | 1.81 | <0.5 | 31 | 106 | 272 | 4.98 | <10 | 0.01 | 0.08 | <10 | | 2.9 | 611 | <1 |
| 109 | 10137 | OC | C | 5.5 | | 0.001 | 0.3 | 5.11 | 2 | 2510 | 320 | 10 | 3.47 | 0.7 | 29 | 92 | 75 | 4.91 | 10 | 0.01 | 0.13 | <10 | | 2.87 | 511 | <1 |
| 109 | 10138 | OC | C | 0.6 | | 0.003 | 0.3 | 0.46 | 4 | 30 | 50 | 4 | 2.59 | <0.5 | 103 | 665 | 201 | 5.94 | <10 | 0.01 | 0.01 | <10 | | 7.6 | 463 | 1 |
| 109 | 10139 | OC | C | 0.5 | | 0.269 | 2.9 | 0.16 | 4 | 10 | <10 | 14 | 0.18 | <0.5 | 1345 | 248 | 8560 | 15 | <10 | 0.01 | <0.01 | <10 | | 3.14 | 486 | <1 |
| 109 | 10140 | OC | C | 2 | | 0.062 | 1.4 | 0.78 | 3 | 20 | 20 | 9 | 0.96 | <0.5 | 236 | 696 | 3610 | 11.2 | <10 | 0.01 | 0.01 | <10 | | 4.46 | 362 | 4 |
| 109 | 10303 | OC | G | | | 0.133 | 3.9 | 0.16 | 7 | <10 | <10 | 23 | 0.06 | <0.5 | 2230 | 88 | 5730 | 15 | <10 | 0.03 | 0.01 | <10 | | 1.03 | 233 | 2 |
| 110 | 6963 | RC | G | | | 0.08 | 1.8 | 0.17 | <5 | | 4 | <5 | 0.18 | 1.1 | 68 | 2768 | 2182 | 2.2 | <2 | 0.121 | <0.01 | <1 | <1 | 3.14 | 353 | <1 |

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Na pct | Nb ppm | Ni ppm | P ppm | Pb ppm | Pd ppm | Pt ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | Tl ppm | U ppm | V ppm | W ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96 | 10323 | 0.05 | | 4220 | 200 | 17 | 0.631 | 0.575 | 2.02 | <2 | 2 | <5 | 12 | | | 0.04 | <10 | <10 | 19 | <10 | | 33 | |
| 96 | 10324 | 0.04 | | 6150 | 190 | 9 | 0.875 | 0.731 | 4.16 | <2 | 3 | <5 | 11 | | | 0.04 | <10 | <10 | 25 | <10 | | 40 | |
| 96 | 10325 | 0.04 | | 7760 | 180 | 22 | 0.95 | 0.898 | 4.58 | <2 | 3 | <5 | 11 | | | 0.04 | <10 | <10 | 23 | <10 | | 40 | |
| 97 | 10037 | 0.01 | | 1790 | 10 | <2 | 0.069 | 0.0897 | 0.15 | <2 | 3 | <5 | 3 | | | <0.01 | <10 | <10 | 2 | <10 | | 19 | |
| 98 | 10035 | 0.03 | | 10 | 510 | <2 | 0.002 | 0.0016 | <0.01 | <2 | 5 | <5 | 28 | | | 0.14 | <10 | <10 | 27 | <10 | | 41 | |
| 98 | 10036 | 0.04 | | 351 | 360 | <2 | 0.008 | 0.0089 | <0.01 | <2 | 2 | <5 | 5 | | | 0.14 | <10 | <10 | 38 | <10 | | 22 | |
| 98 | 10326 | 0.02 | | 1120 | 220 | 5 | 0.016 | 0.0139 | 0.04 | <2 | 4 | <5 | 8 | | | 0.05 | <10 | <10 | 40 | <10 | | 27 | |
| 98 | 10327 | 0.02 | | 1285 | 160 | 2 | 0.007 | 0.0094 | 0.04 | <2 | 3 | <5 | 7 | | | 0.03 | <10 | <10 | 27 | 10 | | 24 | |
| 98 | 10328 | 0.04 | | 205 | 420 | <2 | 0.003 | 0.0066 | <0.01 | <2 | 3 | <5 | 15 | | | 0.14 | <10 | <10 | 44 | <10 | | 16 | |
| 98 | 10329 | 0.01 | | 217 | 490 | 4 | 0.003 | 0.004 | <0.01 | 36 | 21 | <5 | 407 | | | 0.01 | <10 | 10 | 172 | <10 | | 65 | |
| 99 | 2886 | 0.02 | 1 | 8 | | 5 | 0.004 | <0.005 | 1.31 | <5 | <5 | <20 | 7 | <10 | <10 | <0.01 | | | 50 | <20 | 3 | 58 | <1 |
| 100 | 10349 | 0.05 | | 1180 | 230 | <2 | 0.039 | 0.0202 | 0.33 | <2 | 4 | <5 | 11 | | | 0.04 | <10 | <10 | 39 | <10 | | 48 | |
| 100 | 10520 | <0.01 | | 69 | 80 | 2 | 0.004 | 0.0043 | 0.65 | <2 | 5 | 9 | <1 | | | 0.1 | <10 | <10 | 49 | 10 | | 183 | |
| 100 | 10521 | <0.01 | | 329 | 110 | 3 | 0.008 | 0.0055 | 5.57 | <2 | 6 | 26 | <1 | | | 0.1 | <10 | 10 | 42 | <10 | | 1470 | |
| 100 | 10522 | 0.01 | | 542 | 30 | 7 | 0.013 | 0.0037 | 9.42 | 5 | 1 | 7 | <1 | | | 0.02 | <10 | 10 | 18 | <10 | | 171 | |
| 100 | 10523 | 0.01 | | 453 | 30 | 8 | 0.008 | 0.0023 | 9.02 | <2 | <1 | <5 | <1 | | | 0.01 | <10 | <10 | 8 | <10 | | 53 | |
| 100 | 10524 | 0.05 | | 1240 | 230 | <2 | 0.021 | 0.0154 | 0.49 | <2 | 4 | <5 | 16 | | | 0.04 | <10 | <10 | 38 | <10 | | 28 | |
| 101 | 6995 | 0.04 | <1 | 1628 | | 5 | 0.253 | 0.168 | 0.43 | <5 | <5 | <20 | 19 | <10 | <10 | 0.035 | | | 22 | <20 | <1 | 48 | <1 |
| 101 | 6996 | 0.04 | <1 | 1520 | | 7 | 0.293 | 0.182 | 0.5 | <5 | <5 | <20 | 15 | <10 | <10 | 0.034 | | | 26 | <20 | <1 | 51 | <1 |
| 102 | 6997 | 0.28 | 10 | 41 | | <2 | 0.022 | 0.008 | 0.02 | <5 | <5 | <20 | 49 | <10 | <10 | 0.148 | | | 184 | <20 | 8 | 31 | 2 |
| 102 | 6998 | <0.01 | <1 | 59 | | 38 | 0.008 | <0.005 | 0.14 | <5 | <5 | <20 | 71 | <10 | <10 | 0.037 | | | 22 | <20 | 4 | 383 | 2 |
| 103 | 10347 | 0.01 | | 2620 | 60 | 5 | 0.075 | 0.0701 | 0.46 | <2 | 5 | <5 | 5 | | | 0.03 | <10 | <10 | 16 | <10 | | 53 | |
| 103 | 10507 | 0.02 | | 1585 | 50 | 4 | 0.056 | 0.0649 | 0.67 | <2 | 3 | <5 | 9 | | | 0.01 | <10 | <10 | 8 | <10 | | 42 | |
| 104 | 10168 | 0.02 | | 6 | 220 | 40 | 0.001 | 0.0005 | 0.13 | <2 | 3 | <5 | 2 | | | <0.01 | <10 | <10 | 24 | <10 | | 162 | |
| 105 | 10109 | 0.05 | | 3 | 130 | 9 | <0.001 | <0.005 | 0.04 | 2 | 2 | <5 | 3 | | | <0.01 | <10 | <10 | 8 | <10 | | 36 | |
| 105 | 10110 | 0.06 | | 4 | 170 | <2 | <0.001 | <0.005 | 0.02 | 2 | 1 | <5 | 6 | | | <0.01 | <10 | <10 | 6 | <10 | | 20 | |
| 106 | 9753 | 0.02 | <1 | 24 | | 22 | 0.004 | <0.005 | 0.8 | <5 | <5 | <20 | 4 | <10 | <10 | 0.041 | | | 15 | <20 | 3 | 88 | <1 |
| 106 | 10004 | 0.03 | | 10 | 340 | 16 | 0.004 | <0.005 | 0.04 | <2 | 2 | <5 | 17 | | | 0.05 | <10 | <10 | 59 | <10 | | 527 | |
| 106 | 10005 | 0.02 | | 10 | 350 | 5 | 0.004 | <0.005 | 0.09 | <2 | 2 | <5 | 15 | | | 0.04 | <10 | <10 | 47 | <10 | | 220 | |
| 106 | 10208 | 0.04 | | 12 | 400 | 11 | 0.003 | 0.0013 | 0.02 | 4 | 5 | <5 | 24 | | | 0.12 | <10 | <10 | 84 | <10 | | 549 | |
| 106 | 10209 | 0.01 | | 5 | 90 | 6 | 0.005 | 0.001 | 1.35 | 10 | 2 | <5 | 39 | | | 0.02 | <10 | <10 | 30 | <10 | | 115 | |
| 106 | 10210 | 0.01 | | 4 | 140 | 203 | 0.001 | 0.0007 | 0.05 | <2 | 2 | <5 | 27 | | | 0.04 | <10 | <10 | 20 | 10 | | 299 | |
| 107 | 1022 | <0.01 | <1 | 4 | | 1287 | 0.002 | 0.006 | 0.98 | <5 | <5 | <20 | 30 | <10 | <10 | 0.021 | | | 8 | <20 | 3 | 5978 | <1 |
| 107 | 6965 | <0.01 | 3 | 61 | | 26 | 0.004 | <0.005 | 2.05 | <5 | <5 | <20 | 35 | <10 | <10 | 0.045 | | | 99 | <20 | 4 | 477 | <1 |
| 107 | 6966 | 0.03 | <1 | 14 | | 11 | 0.002 | <0.005 | 0.52 | 6 | <5 | <20 | 4 | <10 | <10 | 0.015 | | | 9 | <20 | 4 | 84 | <1 |
| 108 | 1021 | 0.02 | <1 | 15 | | 760 | 0.001 | <0.005 | 1.36 | 6 | <5 | <20 | 21 | <10 | <10 | 0.025 | | | 32 | <20 | 2 | 368 | 1 |
| 108 | 9752 | <0.01 | 3 | 11 | | 57 | 0.002 | <0.005 | 3.94 | <5 | <5 | <20 | 1 | <10 | <10 | <0.01 | | | 108 | <20 | <1 | 285 | <1 |
| 108 | 10302 | 0.01 | | 8 | 200 | 69 | 0.004 | <0.005 | 8.97 | <2 | 7 | <5 | 3 | | | 0.03 | <10 | <10 | 159 | <10 | | 265 | |
| 109 | 6964 | <0.01 | <1 | >2000 | | 14 | 1.038 | 0.459 | 10 | <5 | <5 | <20 | 2 | <10 | 22 | 0.011 | | | 21 | <20 | <1 | 240 | <1 |
| 109 | 10136 | 0.4 | | 186 | 350 | 3 | 0.003 | <0.005 | 0.01 | 2 | 5 | <5 | 28 | | | 0.1 | <10 | <10 | 113 | <10 | | 51 | |
| 109 | 10137 | 2.3 | | 103 | 680 | 2 | 0.002 | <0.005 | 0.01 | <2 | 4 | <5 | 56 | | | 0.12 | <10 | <10 | 105 | <10 | | 64 | |
| 109 | 10138 | 0.01 | | 2130 | 110 | <2 | 0.071 | 0.063 | 0.37 | 3 | 5 | <5 | 74 | | | 0.02 | <10 | <10 | 30 | <10 | | 10 | |
| 109 | 10139 | 0.01 | | **4.67%** | 70 | 3 | 2.09 | 0.827 | 6.2 | <2 | 1 | 19 | <1 | | | 0.01 | <10 | 10 | 91 | <10 | | 98 | |
| 109 | 10140 | 0.01 | | **1.31%** | 110 | 3 | 0.674 | 0.294 | 0.79 | 5 | 7 | <5 | 48 | | | 0.03 | <10 | <10 | 49 | <10 | | 19 | |
| 109 | 10303 | 0.01 | | **6.31%** | 90 | 17 | 2.28 | 0.462 | 8.19 | <2 | 1 | 27 | 1 | | | 0.01 | <10 | 10 | 37 | <10 | | 17 | |
| 110 | 6963 | <0.01 | <1 | 4047 | | 2 | 0.298 | 0.443 | 0.4 | <5 | <5 | <20 | 3 | <10 | <10 | 0.025 | | | 18 | <20 | <1 | 40 | <1 |

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Site | Method | Size (ft) | Int | Au ppm | Ag ppm | Al pct | As ppm | B ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | Hg ppm | K pct | La ppm | Li ppm | Mg pct | Mn ppm | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110 | 10130 | OC | C | 3 | | <0.001 | 0.3 | 3.18 | 6 | <10 | 430 | 7 | 2.43 | <0.5 | 29 | 48 | 214 | 3.7 | <10 | 0.04 | 0.12 | <10 | | 1.69 | 383 | <1 |
| 110 | 10131 | OC | C | 1.4 | | 0.001 | 0.3 | 2.62 | 5 | 10 | 40 | 6 | 1.15 | <0.5 | 46 | 184 | 149 | 4.13 | <10 | 0.02 | 0.02 | <10 | | 6.44 | 762 | <1 |
| 110 | 10132 | OC | C | 6 | | 0.371 | 5 | 2.73 | 2 | <10 | 120 | 12 | 2.19 | <0.5 | 189 | 133 | 8050 | 6.37 | <10 | 0.01 | 0.05 | <10 | | 2.25 | 277 | <1 |
| 110 | 10133 | OC | C | 8.5 | | 0.023 | 0.7 | 3.08 | 5 | <10 | 220 | 4 | 0.58 | <0.5 | 48 | 226 | 1045 | 3.34 | <10 | 0.02 | 0.11 | <10 | | 3.19 | 480 | <1 |
| 110 | 10134 | OC | G | 0.25 | | 0.007 | 0.9 | 0.44 | 3 | 10 | <10 | 9 | 1.76 | <0.5 | 94 | 505 | 26 | 4.05 | <10 | 0.01 | <0.01 | <10 | | 14.65 | 454 | 2 |
| 110 | 10135 | OC | C | 4 | | 0.001 | 0.2 | 2.93 | 2 | <10 | 220 | 7 | 0.96 | <0.5 | 23 | 217 | 103 | 3.13 | <10 | <0.01 | 0.1 | <10 | | 2.75 | 290 | <1 |
| 111 | 10207 | OC | S | 0.5 | | 0.003 | 10.2 | 1.02 | 29 | <10 | **7.89%** | <2 | 9.66 | 8.4 | 7 | 20 | 194 | 1.76 | 10 | 0.51 | 0.04 | <10 | | 1.05 | 6350 | <1 |
| 111 | 10307 | OC | G | | | 0.015 | 2.2 | 0.79 | 20 | <10 | 2230 | <2 | 0.14 | 2.5 | 8 | 23 | 76 | 3.81 | <10 | 0.2 | 0.18 | <10 | | 0.8 | 417 | 5 |
| 112 | 10308 | FL | G | | | 0.097 | 45.3 | 0.14 | 53 | <10 | **45%** | <2 | 0.03 | 242 | 2 | 20 | 203 | 0.66 | <10 | 10 | 0.03 | <10 | | 0.17 | 213 | <1 |
| 113 | 10169 | OC | C | | | 0.017 | 0.7 | 0.65 | 41 | <10 | 2650 | <2 | 0.1 | <0.5 | 5 | 40 | 93 | 1.45 | <10 | 0.08 | 0.19 | <10 | | 0.47 | 214 | 7 |
| 113 | 10170 | OC | Rep | | | 0.003 | <0.2 | 2.29 | 15 | <10 | **0.11%** | <2 | 0.15 | <0.5 | 9 | 36 | 36 | 4.15 | 20 | 0.05 | 0.09 | 10 | | 2.31 | 1370 | 4 |
| 113 | 10345 | OC | G | | | 0.014 | 4 | 3.42 | 295 | <10 | 420 | <2 | 0.25 | 0.9 | 10 | 39 | 3570 | 10.8 | 10 | 3 | 0.03 | <10 | | 2.47 | 2680 | 1 |
| 114 | 10337 | OC | C | 0.5 | | 0.073 | 39 | 0.93 | 90 | <10 | 80 | <2 | 0.03 | 4.9 | 30 | 103 | **7.17%** | 10.5 | <10 | 1.99 | 0.04 | <10 | | 0.72 | 604 | 58 |
| 114 | 10338 | OC | S | | | 0.004 | 0.4 | 2.32 | <2 | <10 | 140 | <2 | 8.72 | 1.9 | 33 | 224 | 7560 | 3.12 | <10 | 0.05 | 0.02 | <10 | | 2.07 | 1770 | <1 |
| 114 | 10339 | OC | S | | | 0.014 | 13.6 | 0.75 | 19 | <10 | 60 | 2 | 0.66 | <0.5 | 12 | 132 | **2.21%** | 4.43 | <10 | 0.53 | 0.03 | <10 | | 0.58 | 605 | <1 |
| 115 | 1045 | OC | S | 0.5 | | 0.16 | 3.9 | 3.48 | <5 | | 22 | <5 | 4.35 | 3.1 | 591 | 77 | **1.87%** | >10 | 10 | 0.436 | <0.01 | <1 | 15 | 1.19 | 287 | <1 |
| 115 | 1046 | RC | S | | | 0.024 | 0.3 | 1 | 8 | | 20 | <5 | 0.27 | 0.4 | 101 | 293 | 895 | 7.7 | 3 | 0.051 | 0.03 | <1 | 9 | 10 | 797 | <1 |
| 115 | 7000 | OC | S | | | 0.053 | 2.2 | 1.28 | <5 | | 18 | <5 | 1.71 | 1.8 | 532 | 12 | 5875 | >10 | 12 | 0.257 | <0.01 | <1 | 4 | 0.29 | 127 | <1 |
| 116 | 10106 | OC | S | 1 | | 0.029 | 310 | 1.47 | 25 | <10 | 300 | 4 | 0.2 | <0.5 | 11 | 40 | **17.50%** | 5.25 | 10 | 0.48 | 0.04 | <10 | | 0.63 | 895 | 2 |
| 117 | 10167 | OC | C | | | 0.002 | <0.2 | 1.69 | <2 | <10 | 40 | <2 | 2.03 | <0.5 | 17 | 65 | 128 | 3.53 | 10 | <0.01 | <0.01 | 10 | | 1.06 | 356 | <1 |
| 117 | 10344 | OC | RC | | | 0.011 | 0.3 | 2.11 | 7 | <10 | 70 | <2 | 15 | 1 | 19 | 53 | 251 | 3.96 | 10 | 0.02 | 0.01 | <10 | | 1.42 | 1100 | <1 |
| 118 | 10161 | OC | RC | | | 0.003 | 0.4 | 1.41 | 12 | <10 | 4390 | 2 | 0.05 | <0.5 | 6 | 48 | 18 | 2.89 | <10 | 0.01 | 0.35 | <10 | | 1.34 | 2010 | 1 |
| 118 | 10162 | FL | S | | | 0.095 | 5.2 | 0.79 | 46 | <10 | 5180 | 11 | 9.64 | 69.7 | 11 | 32 | 774 | 2.15 | <10 | 0.51 | 0.1 | <10 | | 0.88 | 2210 | 30 |
| 118 | 10163 | FL | S | | | 0.296 | 24.8 | 1.08 | 90 | <10 | 2210 | <2 | 0.33 | 348 | 11 | 53 | 456 | 2.76 | 20 | 2.35 | 0.17 | <10 | | 0.93 | 1300 | 6 |
| 118 | 10333 | OC | RC | 2 | | 0.006 | 0.4 | 0.96 | 46 | <10 | 2550 | <2 | 0.03 | <0.5 | 3 | 34 | 16 | 2.85 | <10 | 0.09 | 0.18 | <10 | | 1.39 | 1120 | 1 |
| 118 | 10334 | OC | C | 2 | | 0.736 | 11.9 | 0.72 | 41 | <10 | 4600 | <2 | 0.04 | 55.1 | 4 | 93 | 626 | 2.37 | <10 | 1.24 | 0.16 | <10 | | 0.89 | 965 | 34 |
| 118 | 10335 | FL | Rep | 1 | | 4.97 | 113 | 0.36 | 120 | <10 | 110 | 4 | 2.48 | 500 | 16 | 64 | 2690 | 3.4 | 10 | 4.45 | 0.03 | <10 | | 0.41 | 1295 | 80 |
| 118 | 10336 | OC | C | 0.3 | | 0.874 | 32.3 | 1.62 | 301 | <10 | 140 | <2 | 2.43 | 443 | 6 | 68 | 6870 | 6.16 | 10 | 2.27 | 0.01 | <10 | | 2.17 | 6160 | 2 |
| 119 | 9274 | RC | G | | | 0.037 | <0.2 | 0.56 | <5 | | 22 | <5 | 0.22 | <0.2 | 87 | 193 | 222 | 7.41 | <2 | <0.01 | 0.07 | <1 | 3 | 10 | 864 | <1 |
| 120 | 10306 | OC | G | 6 | 1 | 0.013 | 1.1 | 1.03 | 9 | <10 | 130 | 7 | 0.53 | <0.5 | 68 | 211 | 179 | 5.22 | <10 | 0.01 | 0.01 | <10 | | 8.13 | 487 | 1 |
| 121 | 10305 | OC | G | 1 | | 0.049 | 4.5 | 0.42 | 19 | <10 | 20 | 6 | 0.08 | <0.5 | 149 | 131 | 821 | 9.67 | <10 | 0.01 | 0.03 | <10 | | 15 | 1420 | 2 |
| 121 | 10460 | OC | C | 2 | | 0.004 | 0.5 | 2.57 | 2 | <10 | 50 | <2 | 0.35 | 0.5 | 48 | 823 | 1225 | 5.17 | <10 | 0.04 | 0.01 | <10 | | 4.4 | 426 | <1 |
| 122 | 6974 | TP | G | | | 0.577 | 3.5 | 1.89 | <5 | | 32 | <5 | 0.27 | 1 | 105 | 861 | 8137 | >10 | 6 | 0.143 | 0.05 | 2 | 1 | 6.18 | 448 | <1 |
| 123 | 6975 | RC | G | | | 0.007 | <0.2 | 2.64 | <5 | | 37 | <5 | 1.74 | <0.2 | 19 | 93 | 431 | 2.68 | <2 | <0.01 | 0.1 | <1 | 5 | 2.23 | 385 | 2 |
| 124 | 10159 | OC | Rep | | | <0.001 | 0.7 | 2.61 | 7 | <10 | 460 | 4 | 1.3 | <0.5 | 28 | 29 | 109 | 5.98 | 10 | <0.01 | 0.11 | <10 | | 1.32 | 473 | <1 |
| 125 | 10017 | RC | S | | | 0.027 | 0.9 | 3.93 | 20 | <10 | 920 | <2 | 0.2 | 0.7 | 8 | 18 | 755 | 10.5 | 10 | 0.04 | 0.13 | <10 | | 2.97 | 2070 | <1 |
| 126 | 1047 | OC | CH | 0.7 | | 0.003 | <0.2 | 0.8 | 7 | | 715 | <5 | 7.17 | <0.2 | 15 | 33 | 46 | 4.97 | 3 | 0.129 | 0.04 | <1 | 8 | 2.39 | 1245 | <1 |
| 126 | 9275 | RC | S | | | 0.067 | 1.4 | 2.27 | <5 | | 59 | <5 | 0.9 | 0.4 | 18 | 75 | 2313 | 4.01 | <2 | 0.803 | 0.05 | 2 | 6 | 1.53 | 667 | 726 |
| 127 | 1048 | RC | S | | | 0.111 | 0.9 | 1.56 | <5 | | 21 | <5 | 0.48 | 0.4 | 91 | 484 | 2542 | 4.78 | 3 | 0.491 | 0.04 | 1 | 2 | 3.77 | 285 | 2 |
| 127 | 1049 | RC | | | | 0.01 | <0.2 | 0.76 | <5 | | 20 | <5 | 0.26 | <0.2 | 76 | 557 | 174 | 6.16 | 2 | 0.04 | 0.05 | 1 | 2 | 10 | 509 | <1 |
| 127 | 9276 | OC | G | | | 0.282 | 1.5 | 0.81 | <5 | | 37 | <5 | 0.41 | 0.6 | 118 | 280 | 3169 | 7.23 | 2 | 0.071 | 0.07 | 1 | 2 | 8.33 | 545 | <1 |
| 127 | 10154 | OC | Rep | | | 0.135 | 1.5 | 1.5 | 18 | <10 | 250 | <2 | 1.94 | <0.5 | 27 | 145 | 5010 | 3.79 | <10 | 5.07 | 0.04 | <10 | | 0.93 | 384 | 7 |
| 127 | 10155 | OC | CC | 3 | | 0.005 | <0.2 | 1.68 | 3 | <10 | 250 | <2 | 1.02 | <0.5 | 25 | 30 | 160 | 4.45 | <10 | 0.08 | 0.04 | <10 | | 1.07 | 300 | <1 |
| 127 | 10156 | OC | CC | 7 | | 0.34 | 2.3 | 0.97 | <2 | 10 | 110 | <2 | 0.45 | <0.5 | 108 | 299 | 4740 | 6 | <10 | 0.02 | 0.08 | <10 | | 8.15 | 528 | 1 |
| 127 | 10157 | OC | CC | 3 | | 0.051 | 0.4 | 1.14 | 4 | <10 | 70 | 2 | 0.39 | <0.5 | 82 | 528 | 1235 | 4.47 | <10 | 0.07 | 0.03 | <10 | | 5.54 | 322 | 1 |
| 127 | 10158 | OC | Rep | | | 0.003 | <0.2 | 2.01 | 3 | <10 | 360 | 8 | 0.65 | <0.5 | 21 | 44 | 170 | 3.62 | <10 | 0.03 | 0.02 | <10 | | 1.74 | 469 | <1 |

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Na pct | Nb ppm | Ni ppm | P ppm | Pb ppm | Pd ppm | Pt ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | Tl ppm | U ppm | V ppm | W ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110 | 10130 | 0.11 | | 277 | 340 | <2 | 0.01 | <0.005 | 0.01 | 2 | 4 | <5 | 54 | | | 0.09 | <10 | <10 | 85 | <10 | | 41 | |
| 110 | 10131 | 0.02 | | 697 | 790 | <2 | 0.008 | 0.005 | 0.06 | <2 | 3 | <5 | 22 | | | 0.04 | <10 | <10 | 77 | <10 | | 36 | |
| 110 | 10132 | 0.3 | | **1.38%** | 190 | 13 | 1.33 | 1.175 | 2.81 | <2 | 3 | <5 | 75 | | | 0.05 | <10 | <10 | 37 | <10 | | 37 | |
| 110 | 10133 | 0.85 | | 1705 | 360 | <2 | 0.188 | 0.145 | 0.27 | <2 | 3 | <5 | 28 | | | 0.06 | <10 | <10 | 60 | <10 | | 32 | |
| 110 | 10134 | 0.01 | | 1995 | 40 | <2 | 0.026 | 0.03 | 0.11 | 3 | 4 | <5 | 90 | | | 0.01 | <10 | <10 | 16 | <10 | | 9 | |
| 110 | 10135 | 0.41 | | 180 | 370 | <2 | 0.009 | 0.01 | <0.01 | <2 | 3 | <5 | 28 | | | 0.06 | <10 | <10 | 67 | <10 | | 23 | |
| 111 | 10207 | 0.01 | | 6 | 130 | 530 | 0.004 | <0.005 | 1.2 | 9 | 3 | 29 | 98 | | | 0.01 | <10 | <10 | 31 | <10 | | 1600 | |
| 111 | 10307 | 0.03 | | 49 | 380 | 306 | 0.004 | <0.005 | 1.25 | 13 | 3 | <5 | 6 | | | 0.09 | <10 | <10 | 51 | 10 | | 458 | |
| 112 | 10308 | 0.01 | | 11 | 40 | **1.27%** | 0.002 | <0.005 | 2.25 | 17 | 1 | 72 | 96 | | | <0.01 | <10 | <10 | 8 | <10 | | **5.15%** | |
| 113 | 10169 | 0.01 | | 2 | 170 | 49 | 0.001 | <0.000 | 0.72 | 3 | 1 | <5 | 2 | | | 0.03 | <10 | <10 | 5 | <10 | | 72 | |
| 113 | 10170 | 0.03 | | 4 | 290 | 5 | 0.002 | 0.0013 | 0.43 | <2 | 3 | <5 | 1 | | | 0.07 | <10 | <10 | 60 | <10 | | 137 | |
| 113 | 10345 | 0.01 | | 18 | 730 | 9 | 0.003 | 0.0011 | 3.48 | 9 | 2 | <5 | 17 | | | 0.02 | <10 | <10 | 36 | <10 | | 199 | |
| 114 | 10337 | 0.01 | | 6 | 110 | 664 | 0.001 | 0.0014 | 6.11 | <2 | 3 | 5 | 3 | | | 0.02 | <10 | <10 | 21 | <10 | | 1355 | |
| 114 | 10338 | 0.02 | | 53 | 150 | 37 | 0.002 | 0.0028 | 0.09 | 4 | 11 | <5 | 31 | | | 0.08 | <10 | <10 | 101 | <10 | | 253 | |
| 114 | 10339 | 0.02 | | 7 | 100 | 29 | 0.001 | 0.0011 | 2.23 | 3 | 3 | <5 | 4 | | | 0.02 | <10 | <10 | 25 | <10 | | 98 | |
| 115 | 1045 | 0.01 | <1 | >2000 | | 11 | 0.839 | 0.46 | 6.22 | <5 | <5 | <20 | 67 | <10 | 12 | 0.033 | | | 31 | <20 | 1 | 168 | <1 |
| 115 | 1046 | 0.02 | <1 | 2056 | | 6 | 0.08 | 0.071 | 0.62 | <5 | <5 | <20 | 11 | <10 | <10 | 0.026 | | | 19 | <20 | <1 | 50 | <1 |
| 115 | 7000 | <0.01 | <1 | 18775 | | 16 | 1.381 | 0.671 | 9.98 | <5 | <5 | <20 | 23 | <10 | 20 | 0.014 | | | 26 | <20 | <1 | 130 | <1 |
| 116 | 10106 | 0.02 | | 5 | 70 | 24 | 0.003 | <0.005 | 2.26 | <2 | 4 | 14 | 4 | | | 0.01 | <10 | <10 | 10 | <10 | | 264 | |
| 117 | 10167 | 0.01 | | 34 | 690 | 5 | 0.017 | 0.0028 | <0.01 | 3 | 4 | <5 | 101 | | | 0.35 | <10 | 30 | 88 | <10 | | 56 | |
| 117 | 10344 | 0.02 | | 102 | 420 | 7 | 0.023 | 0.0043 | 0.12 | <2 | 10 | <5 | 89 | | | 0.23 | <10 | 10 | 135 | <10 | | 59 | |
| 118 | 10161 | 0.02 | | 5 | 190 | 97 | 0.002 | <0.000 | 1.45 | <2 | 3 | <5 | 3 | | | 0.03 | <10 | <10 | 31 | <10 | | 139 | |
| 118 | 10162 | 0.01 | | 3 | 230 | 4030 | <0.001 | <0.000 | 2.36 | 2 | 2 | <5 | 43 | | | 0.04 | <10 | <10 | 17 | <10 | | **1.35%** | |
| 118 | 10163 | 0.01 | | 4 | 150 | **5.63%** | 0.002 | 0.0011 | 4.57 | 21 | 2 | 10 | 4 | | | 0.04 | <10 | <10 | 23 | <10 | | **6.04%** | |
| 118 | 10333 | 0.02 | | 31 | 230 | 29 | 0.003 | 0.0015 | 0.63 | 2 | 2 | <5 | 3 | | | 0.08 | <10 | <10 | 23 | <10 | | 90 | |
| 118 | 10334 | 0.01 | | 18 | 110 | 8190 | 0.003 | 0.002 | 1.56 | 7 | 1 | <5 | 13 | | | 0.01 | <10 | <10 | 17 | <10 | | **1.17%** | |
| 118 | 10335 | 0.01 | | 6 | 20 | **5.06%** | 0.002 | 0.0026 | 10 | 11 | 1 | 15 | 19 | | | <0.01 | <10 | <10 | 23 | <10 | | **21.80%** | |
| 118 | 10336 | 0.01 | | 5 | 40 | **4.63%** | 0.001 | 0.0016 | 7.37 | 25 | 2 | 19 | 42 | | | <0.01 | <10 | <10 | 61 | <10 | | **10.65%** | |
| 119 | 9274 | 0.05 | <1 | 1016 | | <2 | 0.042 | 0.112 | 0.17 | <5 | <5 | <20 | 13 | <10 | <10 | 0.028 | | | 12 | <20 | <1 | 40 | <1 |
| 120 | 10306 | 0.02 | | 1310 | 310 | 162 | 0.018 | 0.015 | 0.13 | 59 | 3 | <5 | 7 | | | 0.03 | <10 | <10 | 47 | <10 | | 38 | |
| 121 | 10305 | 0.01 | | 3140 | 90 | 701 | 0.169 | 0.131 | 0.4 | 247 | 3 | <5 | 4 | | | 0.01 | <10 | <10 | 8 | <10 | | 50 | |
| 121 | 10460 | 0.04 | | 448 | 200 | 2 | 0.014 | 0.0168 | 0.06 | <2 | 3 | <5 | 7 | | | 0.11 | <10 | <10 | 78 | <10 | | 39 | |
| 122 | 6974 | 0.04 | <1 | 5377 | | 11 | 1.368 | 1.131 | 0.51 | <5 | <5 | <20 | 5 | <10 | <10 | 0.039 | | | 61 | <20 | 2 | 95 | 2 |
| 123 | 6975 | 0.43 | 2 | 64 | | 4 | 0.016 | 0.014 | 0.1 | <5 | 5 | <20 | 26 | <10 | <10 | 0.114 | | | 64 | <20 | 6 | 37 | 3 |
| 124 | 10159 | 0.19 | | 61 | 760 | <2 | 0.002 | 0.0007 | 0.17 | 3 | 3 | <5 | 19 | | | 0.39 | <10 | <10 | 145 | 10 | | 90 | |
| 125 | 10017 | 0.02 | | 15 | 550 | 4 | 0.006 | 0.005 | 3.29 | 2 | 6 | <5 | 6 | | | 0.12 | <10 | <10 | 120 | <10 | | 172 | |
| 126 | 1047 | 0.02 | 6 | 99 | | 2 | 0.009 | 0.007 | 0.09 | 9 | 9 | <20 | 195 | <10 | <10 | <0.01 | | | 110 | <20 | 6 | 38 | <1 |
| 126 | 9275 | 0.04 | 3 | 19 | | 2 | 0.043 | <0.005 | 0.26 | <5 | <5 | <20 | 53 | <10 | <10 | 0.128 | | | 78 | <20 | 3 | 63 | <1 |
| 127 | 1048 | 0.06 | <1 | 2029 | | 3 | 0.686 | 0.33 | 1.34 | <5 | <5 | <20 | 12 | <10 | <10 | 0.065 | | | 47 | <20 | 1 | 39 | <1 |
| 127 | 1049 | 0.02 | <1 | 1346 | | 4 | 0.057 | 0.033 | 0.11 | <5 | <5 | <20 | 11 | <10 | <10 | 0.031 | | | 32 | <20 | 1 | 20 | <1 |
| 127 | 9276 | 0.07 | <1 | 4190 | | 5 | 0.945 | 0.244 | 1.25 | <5 | <5 | <20 | 17 | <10 | <10 | 0.046 | | | 28 | <20 | 1 | 46 | 1 |
| 127 | 10154 | 0.04 | | 44 | 200 | <2 | 0.002 | 0.0022 | 0.66 | <2 | 8 | <5 | 15 | | | 0.04 | <10 | 10 | 60 | <10 | | 89 | |
| 127 | 10155 | 0.07 | | 51 | 590 | <2 | 0.006 | 0.0043 | 1.09 | <2 | 6 | <5 | 43 | | | 0.2 | <10 | <10 | 125 | <10 | | 39 | |
| 127 | 10156 | 0.08 | | 3710 | 280 | 3 | 0.827 | 0.385 | 1.3 | <2 | 3 | <5 | 21 | | | 0.06 | <10 | <10 | 35 | <10 | | 30 | |
| 127 | 10157 | 0.05 | | 1975 | 350 | 2 | 0.222 | 0.1325 | 0.49 | <2 | 4 | <5 | 18 | | | 0.07 | <10 | <10 | 48 | <10 | | 15 | |
| 127 | 10158 | 0.03 | | 31 | 260 | 3 | 0.009 | 0.0058 | 0.69 | <2 | 4 | <5 | 21 | | | 0.16 | <10 | <10 | 95 | 10 | | 33 | |

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Site | Method | Size (ft) | Int | Au ppm | Ag ppm | Al pct | As ppm | B ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | Hg ppm | K pct | La ppm | Li ppm | Mg pct | Mn ppm | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 128 | 10189 | FL | S | | | 0.001 | 9.5 | 0.35 | 5 | <10 | 50 | 9 | 0.42 | 12.8 | 4 | 125 | 4560 | 2.31 | <10 | 0.91 | 0.01 | <10 | | 0.11 | 218 | 1 |
| 129 | 10190 | OC | Rep | 16 | 2 | 0.002 | 0.3 | 0.46 | 10 | <10 | 190 | 6 | 1.35 | <0.5 | 8 | 86 | 26 | 1.78 | <10 | 0.02 | 0.03 | <10 | | 0.32 | 227 | 1 |
| 129 | 10192 | OC | Rep | | | 0.007 | 0.4 | 0.44 | 27 | <10 | 310 | <2 | 0.23 | <0.5 | 22 | 117 | 378 | 3.46 | <10 | 0.01 | 0.01 | <10 | | 1.78 | 375 | 16 |
| 130 | 10188 | RC | S | | | 0.042 | 1.3 | 2.68 | 130 | <10 | 250 | <2 | 3.01 | 4 | 8 | 38 | 32 | 15 | 20 | 0.03 | 0.01 | <10 | | 0.71 | 1505 | 1 |
| 133 | 10122 | OC | G | | | <0.001 | 0.6 | 1.56 | 7 | 40 | 200 | <2 | 0.19 | <0.5 | 60 | 581 | 298 | 3.43 | <10 | 0.03 | 1.06 | <10 | | 8.67 | 474 | 1 |
| 133 | 10123 | MT | G | 1 | | 0.01 | 0.2 | 1.36 | 2 | <10 | 480 | 9 | 2.85 | <0.5 | 15 | 22 | 540 | 3.74 | <10 | 0.12 | 0.08 | <10 | | 1.24 | 678 | <1 |
| 134 | 2931 | RC | G | 20 | | 0.007 | <0.2 | 1.6 | <5 | | 145 | <5 | 1.23 | 0.7 | 16 | 75 | 188 | 3.3 | 2 | 0.335 | 0.2 | 6 | 4 | 0.72 | 409 | 4 |
| 135 | 10311 | OC | G | | | 0.003 | 0.4 | 1.33 | 8 | <10 | 1770 | 8 | 1.51 | <0.5 | 14 | 27 | 127 | 4.52 | <10 | 0.08 | 0.41 | <10 | | 1.28 | 750 | <1 |
| 136 | 10309 | OC | Rep | 5.5 | | 0.005 | 1.1 | 1.81 | 32 | <10 | 1100 | 13 | 0.4 | 3.6 | 58 | 52 | 247 | 15 | 10 | 0.11 | 0.04 | <10 | | 0.83 | 2770 | 20 |
| 136 | 10310 | OC | S | | | 0.013 | 4.5 | 0.45 | 55 | <10 | 120 | 12 | 0.57 | 2.5 | 31 | 67 | 91 | 15 | <10 | 0.14 | 0.01 | <10 | | 0.09 | 388 | 13 |
| 137 | 10107 | RC | S | | | 0.204 | 5.1 | 2.35 | 67 | <10 | 1050 | 11 | 0.09 | <0.5 | 36 | 24 | **3.57%** | 9.44 | <10 | 0.03 | 0.13 | <10 | | 2.04 | 425 | 1 |
| 137 | 10108 | RC | S | | | 0.033 | 0.8 | 2.25 | 18 | <10 | 990 | 21 | 0.08 | <0.5 | 56 | 35 | 425 | 9.43 | <10 | 0.01 | 0.17 | <10 | | 1.79 | 521 | 4 |
| 137 | 10508 | TP | S | | | 0.003 | <0.2 | 1.83 | 17 | <10 | 3010 | 3 | 0.35 | <0.5 | 6 | 11 | 296 | 3.48 | <10 | 0.01 | 0.19 | <10 | | 1.94 | 498 | <1 |
| 137 | 10509 | OC | Rep | 150 | | 0.047 | 11.6 | 2.16 | 83 | <10 | 1300 | 7 | 0.11 | <0.5 | 44 | 25 | **2.12%** | 8.24 | 10 | 0.05 | 0.12 | <10 | | 2.19 | 623 | 6 |
| 138 | 6976 | OC | G | | | <0.001 | <0.2 | 1.57 | <5 | | 27 | <5 | 1.68 | <0.2 | 46 | 62 | 479 | 5.92 | <2 | 0.165 | 0.21 | 2 | 15 | 1.24 | 405 | <1 |
| 138 | 6977 | OC | G | | | <0.001 | <0.2 | 2.1 | <5 | | 36 | <5 | 2.48 | <0.2 | 14 | 24 | 194 | 3.87 | 3 | 0.153 | 0.2 | 3 | 17 | 1.28 | 643 | <1 |
| 138 | 6978 | RC | G | | | 0.007 | <0.2 | 2.2 | <5 | | 25 | <5 | 2.65 | 0.4 | 22 | 101 | 190 | 5.04 | 6 | 0.685 | 0.18 | 11 | 19 | 1.85 | 953 | <1 |
| 138 | 10401 | OC | C | 7 | | 0.003 | 0.2 | 3.12 | 7 | <10 | 650 | 8 | 1.98 | 0.5 | 27 | 63 | 444 | 6.59 | 10 | 0.05 | 0.25 | <10 | | 2.44 | 1055 | 1 |
| 139 | 10125 | RC | G | | | <0.001 | 2 | 1.59 | 9 | <10 | 10 | 12 | 1.93 | 1.2 | 4 | 38 | 1385 | 7.43 | 10 | 0.02 | 0.01 | <10 | | 1.27 | 2780 | 1 |
| 139 | 10126 | RC | S | | | 0.003 | 13.7 | 1.04 | 3 | <10 | <10 | <2 | 0.02 | <0.5 | 2 | 42 | **1.76%** | 6.7 | <10 | 0.04 | <0.01 | <10 | | 0.77 | 626 | 1 |
| 139 | 10127 | OC | C | | | <0.001 | 2.8 | 1.69 | 10 | <10 | 90 | 4 | 5.93 | 2.1 | 19 | 28 | **2.89%** | 2.85 | 10 | 0.05 | <0.01 | <10 | | 2 | 6650 | <1 |
| 139 | 10128 | OC | S | 5 | | 0.022 | 3.8 | 3.01 | 15 | <10 | <10 | 9 | 0.02 | 4.4 | 37 | 18 | **2.46%** | 15 | 20 | 0.26 | <0.01 | <10 | | 2.35 | 639 | 2 |

Table 3. Analytical results for rock chip samples - partial digestion

| Map no. | Sample no. | Na pct | Nb ppm | Ni ppm | P ppm | Pb ppm | Pd ppm | Pt ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | Tl ppm | U ppm | V ppm | W ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 128 | 10189 | 0.01 | | 4 | 180 | 3320 | <0.001 | <0.000 | 1.17 | <2 | 2 | <5 | 5 | | | 0.14 | <10 | <10 | 54 | <10 | | 1735 | |
| 129 | 10190 | 0.02 | | 5 | 120 | 30 | 0.001 | <0.000 | 0.71 | 5 | 2 | <5 | 15 | | | 0.02 | <10 | <10 | 24 | <10 | | 20 | |
| 129 | 10192 | 0.03 | | 117 | 290 | 837 | 0.007 | 0.0051 | 1.32 | <2 | 5 | <5 | 5 | | | 0.01 | <10 | <10 | 41 | 10 | | 48 | |
| 130 | 10188 | 0.02 | | 6 | 1890 | 33 | 0.004 | 0.0035 | 7.37 | 3 | 12 | 6 | 32 | | | 0.75 | <10 | <10 | 484 | 10 | | 273 | |
| 133 | 10122 | 0.24 | | 919 | 220 | <2 | 0.002 | 0.005 | 0.03 | <2 | 2 | <5 | 56 | | | 0.03 | <10 | <10 | 24 | <10 | | 31 | |
| 133 | 10123 | 0.03 | | 12 | 2420 | 3 | 0.016 | <0.005 | 0.02 | <2 | 4 | <5 | 108 | | | 0.06 | <10 | <10 | 138 | <10 | | 50 | |
| 134 | 2931 | 0.03 | 2 | 28 | | 3 | 0.006 | <0.005 | 0.98 | <5 | <5 | <20 | 22 | <10 | <10 | 0.089 | | | 60 | <20 | 10 | 67 | <1 |
| 135 | 10311 | 0.12 | | 17 | 2410 | 41 | 0.007 | <0.005 | 0.1 | <2 | 6 | <5 | 82 | | | 0.16 | <10 | <10 | 187 | 10 | | 101 | |
| 136 | 10309 | 0.04 | | 28 | 390 | 145 | 0.002 | <0.005 | 0.91 | <2 | 3 | 9 | 34 | | | 0.05 | <10 | <10 | 43 | <10 | | 474 | |
| 136 | 10310 | 0.02 | | 21 | 410 | 156 | 0.001 | <0.005 | 2.2 | <2 | 1 | 5 | 91 | | | 0.06 | <10 | <10 | 26 | <10 | | 162 | |
| 137 | 10107 | 0.01 | | 3 | 340 | 9 | <0.001 | <0.005 | 6.66 | <2 | 2 | 10 | 1 | | | <0.01 | <10 | <10 | 12 | <10 | | 54 | |
| 137 | 10108 | 0.02 | | 2 | 350 | 5 | <0.001 | <0.005 | 7.17 | <2 | 1 | <5 | 1 | | | <0.01 | <10 | <10 | 12 | 10 | | 24 | |
| 137 | 10508 | 0.01 | | 6 | 490 | 7 | 0.002 | <0.005 | 1.49 | <2 | 1 | <5 | 5 | | | 0.01 | <10 | <10 | 15 | 10 | | 45 | |
| 137 | 10509 | 0.01 | | 6 | 220 | 193 | <0.001 | <0.005 | 5.3 | <2 | 2 | 9 | 3 | | | <0.01 | <10 | <10 | 20 | <10 | | 97 | |
| 138 | 6976 | 0.1 | 5 | 91 | | 4 | 0.017 | 0.019 | 2.7 | <5 | <5 | <20 | 38 | <10 | <10 | 0.204 | | | 122 | <20 | 5 | 41 | 2 |
| 138 | 6977 | 0.12 | 6 | 3 | | 4 | 0.003 | <0.005 | 0.7 | <5 | 6 | <20 | 151 | <10 | <10 | 0.112 | | | 123 | <20 | 6 | 38 | 6 |
| 138 | 6978 | 0.03 | 8 | 35 | | 6 | 0.005 | <0.005 | 0.06 | <5 | 10 | <20 | 111 | <10 | <10 | 0.126 | | | 148 | <20 | 9 | 65 | 5 |
| 138 | 10401 | 0.02 | | 36 | 1020 | 6 | 0.006 | <0.005 | 0.04 | <2 | 18 | <5 | 42 | | | 0.07 | <10 | <10 | 224 | <10 | | 81 | |
| 139 | 10125 | 0.01 | | 6 | 190 | 4 | <0.001 | <0.005 | 0.03 | <2 | 3 | <5 | 12 | | | 0.02 | <10 | <10 | 20 | 60 | | 228 | |
| 139 | 10126 | 0.01 | | 3 | 140 | 12 | <0.001 | <0.005 | 1.41 | <2 | 2 | <5 | 1 | | | 0.01 | <10 | <10 | 11 | 40 | | 90 | |
| 139 | 10127 | 0.01 | | 15 | 290 | 2 | 0.002 | <0.005 | 0.06 | 2 | 5 | <5 | 40 | | | 0.04 | <10 | <10 | 24 | <10 | | 776 | |
| 139 | 10128 | 0.01 | | 3 | 270 | 15 | <0.001 | <0.005 | 8.44 | 7 | 6 | <5 | <1 | | | 0.01 | <10 | 10 | 64 | 10 | | 65 | |

## ANALYTICAL RESULTS FOR ROCK CHIP SAMPLES – TOTAL DIGESTION

The map numbers in table 4 correspond to the numbered locations on **plate 1**.

Table 4. Analytical results for rock samples prepared with total digestion

| Map no. | Sample no. | Type | Method | Site | Size (ft) | Ag ppm | Al pct | As ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | K pct | La ppm | Li ppm | Mg pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6988 | R | G | OC | | 11.4 | 4.39 | 4686 | 904 | 15 | 0.68 | 32.4 | 9 | 193 | 16 | 4.49 | <10 | 1.97 | 11 | 7 | 0.34 |
| 2 | 1024 | R | S | RC | | <0.5 | 1 | 13 | 204 | <5 | 0.31 | <1 | 3 | 227 | 17 | 1.24 | <10 | 0.27 | <5 | 10 | 0.16 |
| 2 | 6987 | R | S | RC | | 1.3 | 3.65 | 161 | 1324 | <5 | 0.15 | 3.4 | 8 | 193 | 149 | 2.74 | <10 | 1.61 | 22 | 18 | 0.23 |
| 3 | 6972 | R | G | OC | | 0.6 | 1.16 | <5 | 159 | 24 | 2.12 | <1 | 49 | <2 | 1730 | 10 | <10 | 0.24 | 8 | <2 | 0.48 |
| 3 | 9758 | R | Rep | RC | 4 | <0.5 | 1.48 | <5 | 26 | 18 | 1.83 | 1.2 | 153 | <2 | 921 | 10 | <10 | 0.05 | 8 | 4 | 0.57 |
| 5 | 6973 | R | G | OC | | 0.7 | 1.23 | <5 | 355 | 8 | 3.44 | <1 | 34 | 125 | 84 | 10 | <10 | 0.11 | 6 | 2 | 0.23 |
| 6 | 6967 | R | S | RC | | 49.7 | 1.12 | <5 | 50 | 268 | 0.17 | 70.6 | 117 | 49 | 5079 | 10 | <10 | 0.05 | <5 | 4 | 0.57 |
| 6 | 6968 | R | S | RC | | 1.8 | 1.11 | <5 | 71 | <5 | 0.08 | 17.6 | 25 | 289 | 4463 | 5.87 | <10 | 0.21 | 7 | 4 | 0.47 |
| 6 | 6969 | R | S | RC | | 3.1 | 1.45 | 27 | 64 | 41 | 0.63 | 5.1 | 126 | 71 | 2981 | 10 | <10 | 0.03 | <5 | 3 | 0.78 |
| 6 | 6970 | R | S | RC | | 34.4 | 0.34 | <5 | 248 | 160 | 6.69 | 114.5 | 7 | 199 | 780 | 7.11 | <10 | 0.11 | <5 | <2 | 0.28 |
| 6 | 6971 | R | S | RC | | <0.5 | 0.64 | <5 | 213 | 24 | 10 | 32.5 | 5 | 19 | 343 | 10 | <10 | 0.19 | 5 | <2 | 1.18 |
| 6 | 9755 | R | Rep | RC | 1.5 | 11 | 0.25 | <5 | 115 | 29 | 6.46 | 243.5 | 91 | 6 | 14601 | 10 | <10 | 0.08 | <5 | <2 | 1.13 |
| 6 | 9756 | R | Rep | RC | | 2.4 | 1.1 | <5 | <5 | <5 | 0.1 | 6 | 359 | 10 | 3901 | 10 | <10 | 0.01 | <5 | 3 | 0.66 |
| 6 | 9757 | R | Rep | RC | 1 | 40.2 | 1.31 | <5 | 8 | 117 | 0.24 | 233.1 | 19 | 64 | 17346 | 10 | <10 | 0.01 | <5 | 3 | 0.68 |
| 10 | 6985 | R | S | RC | | <0.5 | 2.12 | 9 | 236 | <5 | 0.13 | <1 | 9 | 176 | 61 | 5.8 | <10 | 0.23 | 11 | 9 | 0.06 |
| 12 | 6986 | R | S | RC | | <0.5 | 5.56 | 7 | 223 | <5 | 0.07 | <1 | 2 | 114 | 13 | 0.74 | 30 | 1.78 | 8 | 10 | 0.08 |
| 17 | 1043 | R | SC | OC | 5 | 3.5 | 2.92 | 59 | 70 | <5 | 10 | 1.1 | 56 | 100 | 1524 | 10 | <10 | 0.09 | 16 | 5 | 5.84 |
| 17 | 2680 | R | Rep | OC | | <0.5 | 2.55 | 93 | 25 | <5 | 10 | 1.3 | 34 | 121 | 52 | 5.71 | <10 | 0.01 | 18 | 19 | 3.49 |
| 38 | 2877 | R | G | OC | | 0.8 | 6.13 | <5 | 136 | <5 | 5.04 | <1 | 92 | 1129 | 457 | 10 | <10 | 0.35 | 7 | 21 | 7.6 |
| 38 | 6989 | R | G | OC | | 1.1 | 0.57 | 19 | 49 | <5 | 3.38 | <1 | 125 | 2925 | 227 | 10 | <10 | 0.01 | <5 | 8 | 10 |
| 38 | 6990 | R | G | OC | | 1 | 7.65 | <5 | 6 | <5 | 10 | <1 | 22 | 204 | 46 | 6.35 | <10 | 0.01 | 6 | 9 | 4.88 |
| 38 | 6991 | R | G | OC | | <0.5 | 0.39 | <5 | <5 | <5 | 0.09 | <1 | 139 | 3716 | 39 | 10 | <10 | <0.01 | <5 | <2 | 10 |
| 38 | 6992 | R | G | OC | | 0.8 | 0.59 | 32 | 11 | <5 | 5.36 | <1 | 70 | 2402 | 34 | 7.32 | <10 | 0.02 | <5 | 9 | 10 |
| 40 | 2647 | R | S | OC | 3 | <0.5 | 0.37 | <5 | 7 | <5 | 1.84 | <1 | 131 | 2788 | 139 | 10 | <10 | <0.01 | <5 | 5 | 10 |
| 40 | 2648 | R | S | OC | | <0.5 | 0.29 | <5 | <5 | <5 | 0.39 | <1 | 134 | 3439 | 65 | 10 | <10 | <0.01 | <5 | 4 | 10 |
| 40 | 2649 | R | S | OC | | 0.7 | 2.02 | <5 | 15 | <5 | 3.07 | <1 | 129 | 2129 | 238 | 10 | <10 | 0.02 | <5 | 8 | 10 |
| 40 | 9754 | R | G | OC | | <0.5 | 0.24 | <5 | 5 | <5 | 0.16 | <1 | 144 | 2656 | 186 | 10 | <10 | <0.01 | <5 | 3 | 10 |
| 44 | 6993 | R | G | FL | | 0.6 | 0.24 | <5 | 11 | <5 | 0.05 | <1 | 139 | 3043 | 136 | 10 | <10 | <0.01 | <5 | 5 | 10 |
| 44 | 6994 | R | G | OC | | <0.5 | 0.72 | 198 | 59 | <5 | 0.87 | 1.6 | 151 | 2924 | 289 | 10 | <10 | 0.13 | <5 | 15 | 3.55 |
| 50 | 1044 | R | Rep | OC | | 1.1 | 0.49 | <5 | 8 | <5 | 0.03 | <1 | 492 | 1782 | 2618 | 10 | <10 | <0.01 | <5 | 2 | 10 |
| 50 | 2681 | R | C | OC | | <0.5 | 7.35 | <5 | 68 | 7 | 8.7 | 1.1 | 72 | 574 | 125 | 4.69 | <10 | 0.35 | <5 | 22 | 7.79 |
| 62 | 2659 | R | | FL | | <0.5 | 0.73 | 240 | 40 | <5 | 0.38 | 1.6 | 76 | 2079 | 52 | 3.8 | <10 | 0.09 | <5 | 16 | 9.91 |
| 62 | 9759 | R | Rep | RC | 1 | 0.8 | 1.28 | 48 | 52 | <5 | 1.32 | 1.2 | 91 | 2022 | 135 | 7.36 | <10 | 0.15 | <5 | 21 | 10 |
| 64 | 9760 | R | C | RC | 2 | 0.9 | 8.64 | 57 | 716 | <5 | 2.2 | 1.2 | 7 | 97 | 38 | 4.82 | <10 | 1.32 | 18 | 9 | 0.58 |
| 71 | 6983 | R | S | RC | | 26.7 | 5.42 | <5 | 14 | 10 | 10 | <1 | 45 | 235 | 17546 | 8.37 | <10 | 0.01 | 6 | 4 | 4.31 |
| 71 | 6984 | R | G | RC | | 0.7 | 6.11 | <5 | 69 | <5 | 6.87 | <1 | 73 | 1032 | 22 | 8.83 | <10 | 0.21 | 5 | 5 | 9.84 |
| 72 | 2660 | R | Rep | TP | | 1.9 | 8.26 | <5 | 234 | <5 | 9.36 | <1 | 46 | 45 | 5050 | 3.38 | <10 | 0.43 | 18 | 5 | 3.27 |
| 72 | 2661 | R | Rep | TP | | 2.6 | 8.71 | 6 | 100 | <5 | 10 | 1.1 | 87 | 40 | 9422 | 4.63 | <10 | 0.15 | 25 | 4 | 2.9 |
| 72 | 2662 | R | Rep | TP | | 2.3 | 7.94 | <5 | 154 | <5 | 8.48 | <1 | 62 | 93 | 5670 | 5.26 | <10 | 0.27 | 21 | 4 | 3.26 |
| 72 | 9761 | R | Rep | TP | | 4.8 | 8.77 | <5 | 225 | <5 | 7.63 | <1 | 56 | 33 | >20000 | 5.22 | <10 | 0.44 | 16 | 3 | 2.98 |
| 72 | 9762 | R | Rep | TP | 2 | 3.6 | 8.43 | 7 | 187 | <5 | 8.88 | 1.1 | 57 | 27 | 18541 | 3.83 | <10 | 0.28 | 17 | 4 | 2.92 |
| 72 | 9763 | R | Rep | TP | 2 | 3.6 | 9.07 | 6 | 113 | <5 | 9.96 | <1 | 54 | 36 | 7862 | 4.33 | <10 | 0.19 | 21 | 4 | 3.23 |
| 72 | 9764 | R | Rep | TP | 3 | 2.3 | 8.65 | 9 | 182 | <5 | 9.77 | <1 | 53 | 34 | 5015 | 4.47 | <10 | 0.33 | 25 | 4 | 2.91 |
| 83 | 1023 | R | G | RC | | <0.5 | 8.99 | <5 | 692 | <5 | 7.12 | <1 | 45 | 107 | 80 | 8.38 | <10 | 1.12 | 14 | 5 | 3.19 |
| 83 | 6981 | R | S | OC | | 1.2 | 5.27 | 45 | 9 | <5 | 10 | <1 | 81 | 92 | 389 | 10 | <10 | 0.01 | <5 | 3 | 2.01 |
| 83 | 6982 | R | G | RC | | 0.6 | 7.61 | <5 | 78 | <5 | 8.64 | <1 | 37 | 227 | 301 | 6.53 | <10 | 0.2 | 11 | 13 | 1.69 |
| 84 | 6979 | R | G | OC | | 0.8 | 4.51 | 7 | 26 | <5 | 10 | <1 | 44 | 96 | 110 | 10 | <10 | 0.03 | 10 | 5 | 1.44 |

Table 4. Analytical results for rock samples prepared with total digestion

| Map no. | Sample no. | Mn ppm | Mo ppm | Na pct | Nb ppm | Ni ppm | Pb ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | V ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6988 | 1324 | 20 | 0.57 | 7 | 17 | 1058 | 0.435 | 12 | 10 | <20 | 60 | <5 | <25 | 0.04 | 51 | 15 | 149 | 32 |
| 2 | 1024 | 261 | 3400 | 0.23 | <5 | 13 | 30 | 0.236 | 6 | <5 | <20 | 48 | <5 | <25 | 0.05 | 26 | <5 | 46 | 6 |
| 2 | 6987 | 66 | 41 | 0.08 | 29 | 70 | 10 | 2.003 | <5 | 6 | <20 | 53 | <5 | <25 | 0.17 | 235 | 12 | 178 | 52 |
| 3 | 6972 | 3352 | 3 | 0.06 | <5 | 21 | 14 | 10 | <5 | <5 | <20 | 74 | <5 | <25 | 0.07 | 69 | 6 | 150 | <5 |
| 3 | 9758 | 1280 | 2 | 0.06 | <5 | 13 | 60 | 10 | <5 | <5 | 23 | 40 | <5 | <25 | 0.08 | 66 | 6 | 265 | 5 |
| 5 | 6973 | 2130 | 4 | 0.02 | <5 | 14 | 5 | 7.055 | <5 | <5 | <20 | 76 | <5 | <25 | 0.09 | 34 | <5 | 133 | 5 |
| 6 | 6967 | 935 | 2 | 0.04 | <5 | 54 | 6358 | 10 | <5 | <5 | <20 | 8 | <5 | 32 | 0.01 | 55 | <5 | 17694 | <5 |
| 6 | 6968 | 608 | 3 | 0.01 | <5 | 23 | 54 | 3.608 | 5 | <5 | 39 | 3 | <5 | <25 | 0.07 | 23 | <5 | 3943 | 10 |
| 6 | 6969 | 2529 | 6 | <0.01 | <5 | 15 | 136 | 10 | 9 | <5 | <20 | 11 | <5 | <25 | 0.01 | 60 | <5 | 1084 | <5 |
| 6 | 6970 | 5624 | 2 | 0.01 | <5 | 13 | >10000 | 4.038 | <5 | <5 | <20 | 102 | <5 | <25 | <0.01 | 13 | <5 | >20000 | <5 |
| 6 | 6971 | >20000 | <1 | 0.08 | <5 | 10 | 94 | 2.012 | <5 | <5 | 58 | 57 | <5 | <25 | 0.03 | 29 | <5 | 7975 | <5 |
| 6 | 9755 | 11804 | <1 | 0.02 | <5 | 11 | 367 | 10 | <5 | <5 | <20 | 267 | <5 | 38 | <0.01 | 38 | <5 | >20000 | <5 |
| 6 | 9756 | 708 | 3 | 0.02 | <5 | 16 | 201 | 10 | <5 | <5 | <20 | 2 | <5 | <25 | 0.01 | 77 | <5 | 1643 | <5 |
| 6 | 9757 | 1956 | <1 | 0.1 | <5 | 13 | >10000 | 10 | 14 | <5 | 23 | 13 | <5 | 30 | 0.01 | 39 | <5 | >20000 | <5 |
| 10 | 6985 | 3162 | 2 | 0.02 | <5 | 24 | 9 | 0.019 | 5 | <5 | <20 | 66 | <5 | <25 | 0.11 | 33 | 6 | 94 | 15 |
| 12 | 6986 | 49 | 3 | 2.59 | 102 | 12 | 48 | 0.205 | <5 | <5 | 24 | 19 | <5 | <25 | 0.06 | 6 | 39 | 43 | 225 |
| 17 | 1043 | 2204 | 17 | 0.21 | 9 | 174 | <2 | 0.372 | <5 | 12 | <20 | 105 | <5 | <25 | 0.26 | 106 | 14 | 219 | 10 |
| 17 | 2680 | 7785 | 5 | 0.01 | <5 | 219 | <2 | 0.169 | <5 | 12 | <20 | 224 | <5 | <25 | 0.24 | 51 | 26 | 339 | 143 |
| 38 | 2877 | 1644 | 5 | 1.45 | 26 | 421 | <2 | 0.12 | <5 | 28 | <20 | 165 | <5 | <25 | 0.71 | 298 | 20 | 100 | <5 |
| 38 | 6989 | 2091 | <1 | 0.03 | <5 | 1582 | <2 | 0.272 | 21 | 6 | <20 | 3 | <5 | <25 | 0.02 | 66 | <5 | 116 | <5 |
| 38 | 6990 | 3711 | 5 | 0.01 | 9 | 83 | <2 | 0.129 | <5 | 9 | <20 | 8 | <5 | <25 | 0.21 | 112 | 13 | 88 | 39 |
| 38 | 6991 | 1526 | 2 | <0.01 | <5 | 1784 | <2 | 0.098 | 19 | <5 | <20 | <1 | <5 | <25 | 0.02 | 67 | <5 | 117 | <5 |
| 38 | 6992 | 1440 | 3 | 0.13 | <5 | 905 | <2 | 0.087 | 15 | <5 | <20 | 11 | <5 | <25 | 0.02 | 55 | <5 | 90 | <5 |
| 40 | 2647 | 1657 | 4 | 0.04 | <5 | 2068 | <2 | 0.138 | 7 | 10 | <20 | 6 | <5 | <25 | 0.03 | 68 | <5 | 91 | <5 |
| 40 | 2648 | 1566 | <1 | 0.01 | <5 | 2112 | <2 | 0.069 | 23 | 6 | <20 | 2 | <5 | <25 | 0.02 | 63 | <5 | 117 | <5 |
| 40 | 2649 | 1615 | 2 | 0.15 | <5 | 934 | <2 | 0.108 | 17 | 12 | 20 | 45 | <5 | <25 | 0.04 | 75 | <5 | 132 | <5 |
| 40 | 9754 | 1507 | 3 | <0.01 | <5 | 1436 | <2 | 0.05 | 14 | <5 | <20 | 1 | <5 | <25 | 0.01 | 48 | <5 | 123 | <5 |
| 44 | 6993 | 1536 | 1 | <0.01 | <5 | 3087 | <2 | 0.014 | 15 | <5 | <20 | 3 | <5 | <25 | 0.03 | 63 | <5 | 164 | <5 |
| 44 | 6994 | 3256 | 1 | 0.03 | <5 | 1503 | <2 | 0.322 | 20 | 16 | <20 | 34 | <5 | <25 | 0.13 | 96 | 8 | 200 | 11 |
| 50 | 1044 | 1210 | 9 | 0.01 | <5 | 7826 | 4 | 7.41 | 12 | 6 | <20 | <1 | <5 | <25 | 0.06 | 70 | <5 | 153 | <5 |
| 50 | 2681 | 1095 | 2 | 0.46 | 6 | 1218 | 3 | 0.067 | <5 | 31 | <20 | 153 | <5 | <25 | 0.09 | 100 | <5 | 74 | 7 |
| 62 | 2659 | 697 | 3 | 0.24 | <5 | 1939 | <2 | 0.04 | 18 | <5 | <20 | 38 | <5 | <25 | 0.02 | 28 | <5 | 59 | <5 |
| 62 | 9759 | 1109 | 3 | 0.07 | <5 | 1738 | 103 | 0.426 | 10 | 9 | <20 | 33 | <5 | <25 | 0.08 | 71 | <5 | 287 | 6 |
| 64 | 9760 | 837 | 5 | 1.09 | 6 | 16 | 46 | 1.026 | 7 | 8 | <20 | 252 | <5 | <25 | 0.28 | 55 | 14 | 194 | 101 |
| 71 | 6983 | 1428 | 5 | 0.1 | 6 | 238 | 21 | 0.579 | <5 | 10 | <20 | 405 | <5 | <25 | 0.26 | 125 | 12 | 101 | 20 |
| 71 | 6984 | 1182 | 2 | 1.09 | 17 | 744 | <2 | 0.058 | <5 | 23 | <20 | 74 | <5 | <25 | 0.43 | 219 | 13 | 85 | 29 |
| 72 | 2660 | 441 | 3 | 2.65 | 35 | 158 | <2 | 0.157 | <5 | 29 | <20 | 288 | <5 | <25 | 1.22 | 335 | 30 | 45 | 14 |
| 72 | 2661 | 583 | 4 | 1.49 | 54 | 159 | <2 | 0.185 | <5 | 31 | <20 | 258 | <5 | <25 | 1.64 | 538 | 32 | 72 | 17 |
| 72 | 2662 | 684 | 4 | 2.38 | 49 | 121 | <2 | 0.074 | <5 | 30 | <20 | 285 | <5 | <25 | 1.27 | 479 | 28 | 60 | 14 |
| 72 | 9761 | 346 | 6 | 2.36 | 39 | 220 | 11 | 0.2 | <5 | 28 | <20 | 321 | <5 | <25 | 1.1 | 328 | 29 | 106 | 12 |
| 72 | 9762 | 397 | 4 | 2.63 | 31 | 245 | 14 | 0.094 | <5 | 28 | <20 | 229 | <5 | <25 | 1.18 | 331 | 29 | 95 | 17 |
| 72 | 9763 | 527 | 4 | 2.99 | 46 | 161 | <2 | 0.162 | <5 | 31 | <20 | 273 | <5 | <25 | 1.37 | 413 | 32 | 64 | 26 |
| 72 | 9764 | 460 | 3 | 2.76 | 58 | 91 | <2 | 0.095 | <5 | 31 | <20 | 267 | <5 | <25 | 1.71 | 523 | 35 | 56 | 22 |
| 83 | 1023 | 1257 | 5 | 1.85 | 26 | 60 | 3 | 0.092 | <5 | 31 | <20 | 413 | <5 | <25 | 0.5 | 289 | 19 | 103 | 55 |
| 83 | 6981 | 1308 | 3 | 0.04 | 8 | 217 | 3 | 7.769 | <5 | 10 | <20 | 925 | <5 | <25 | 0.18 | 111 | 8 | 122 | 19 |
| 83 | 6982 | 568 | 5 | 1.45 | 15 | 57 | <2 | 1.355 | <5 | 14 | <20 | 485 | <5 | <25 | 0.36 | 121 | 14 | 87 | 92 |
| 84 | 6979 | 3997 | 4 | 0.45 | <5 | 44 | <2 | 0.283 | <5 | 9 | <20 | 121 | <5 | <25 | 0.2 | 92 | 11 | 136 | 27 |

Table 4. Analytical results for rock samples prepared with total digestion

| Map no. | Sample no. | Type | Method | Site | Size (ft) | Ag ppm | Al pct | As ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | K pct | La ppm | Li ppm | Mg pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84 | 6980 | R | G | OC | | <0.5 | 8.86 | <5 | 511 | <5 | 6.69 | <1 | 51 | 98 | 143 | 10 | <10 | 0.83 | 14 | 6 | 3.21 |
| 91 | 6999 | R | Rep | RC | | 0.8 | 7.19 | <5 | 42 | <5 | 8.55 | <1 | 63 | 995 | 18 | 6.35 | <10 | 0.09 | <5 | 11 | 10 |
| 99 | 2886 | R | G | OC | | 0.8 | 6.77 | 17 | 1251 | <5 | 0.26 | <1 | 15 | 120 | 92 | 4.46 | <10 | 1.78 | <5 | 27 | 1.63 |
| 101 | 6995 | R | S | RC | | 1.8 | 3.79 | <5 | 53 | <5 | 5.27 | <1 | 119 | 1385 | 1434 | 10 | <10 | 0.09 | <5 | 7 | 10 |
| 101 | 6996 | R | S | RC | | 2.3 | 4.41 | <5 | 71 | <5 | 4.86 | <1 | 112 | 1320 | 1616 | 10 | <10 | 0.15 | <5 | 6 | 10 |
| 102 | 6997 | R | Rep | RC | | 0.8 | 8.53 | 6 | 85 | <5 | 7.87 | 1 | 64 | 127 | 218 | 10 | <10 | 0.24 | 6 | 5 | 4.01 |
| 102 | 6998 | R | S | FL | | 6.4 | 4.89 | 9 | 13 | 6 | 10 | 4.9 | 40 | 55 | 3454 | 10 | <10 | 0.03 | <5 | 8 | 2.99 |
| 106 | 9753 | R | S | RC | | 4.1 | 5.8 | 7 | 541 | <5 | 0.18 | <1 | 14 | 92 | 3014 | 3.79 | <10 | 1.41 | 7 | 8 | 0.99 |
| 107 | 1022 | R | C | OC | 0.4 | 4.3 | 2.47 | 14 | >2000 | 10 | 2.45 | 136.9 | 9 | 144 | 412 | 1.15 | <10 | 1.16 | <5 | 3 | 0.2 |
| 107 | 6965 | R | S | RC | | 7.6 | 7.08 | 8 | 372 | 5 | 3.23 | 1.3 | 25 | 496 | >20000 | 10 | <10 | 0.4 | <5 | 9 | 3.81 |
| 107 | 6966 | R | S | RC | | 0.8 | 5.38 | 5 | 699 | <5 | 0.5 | 1.1 | 10 | 147 | 2125 | 2.7 | <10 | 1.17 | 6 | 5 | 0.8 |
| 108 | 1021 | R | Rep | OC | 3 | 9.8 | 1.25 | 68 | 751 | 6 | 0.37 | 3.8 | 7 | 289 | 179 | 4.14 | <10 | 0.48 | <5 | 4 | 0.33 |
| 108 | 9752 | R | S | RC | 2 | 5 | 4.32 | 26 | 588 | <5 | 0.08 | 1.3 | 60 | 100 | 78 | 10 | <10 | 0.35 | <5 | 9 | 2.59 |
| 109 | 6964 | R | S | RC | | 4.2 | 0.4 | <5 | 14 | 10 | 0.48 | 1.6 | 2078 | 670 | >20000 | 10 | <10 | 0.02 | <5 | 2 | 2.02 |
| 110 | 6962 | R | G | OC | | 5 | 7.42 | -5 | 270 | -5 | 8.25 | 1.3 | 175 | 536 | 6310 | 10 | -10 | 0.27 | -5 | 7 | 5.93 |
| 110 | 6963 | R | G | RC | | 3.7 | 7.38 | <5 | 6 | 105 | 0.22 | 1.3 | 195 | >20000 | 2547 | 10 | 79 | <0.01 | <5 | <2 | 8.57 |
| 115 | 1045 | R | S | OC | 0.5 | 6.5 | 6.4 | <5 | 35 | <5 | 7.98 | 1.9 | 898 | 120 | 19816 | 10 | <10 | 0.02 | <5 | 15 | 1.95 |
| 115 | 1046 | R | S | RC | | 1.3 | 2.21 | <5 | 32 | <5 | 3.12 | <1 | 144 | 1969 | 1157 | 10 | <10 | 0.04 | <5 | 10 | 10 |
| 115 | 7000 | R | S | OC | | 4.9 | 2.56 | <5 | 10 | <5 | 3.61 | <1 | 798 | <2 | 8145 | 10 | <10 | 0.02 | <5 | 5 | 0.54 |
| 119 | 9274 | R | G | RC | | 0.6 | 2.04 | <5 | 40 | <5 | 2.25 | <1 | 130 | 1961 | 287 | 10 | <10 | 0.08 | <5 | 5 | 10 |
| 122 | 6974 | R | G | TP | | 5.3 | 3.08 | <5 | 51 | <5 | 3.8 | <1 | 140 | 1543 | 10345 | 10 | <10 | 0.1 | <5 | 2 | 10 |
| 123 | 6975 | R | G | RC | | 0.9 | 7.51 | <5 | 86 | 7 | 7.32 | <1 | 51 | 169 | 515 | 9.14 | <10 | 0.19 | <5 | 7 | 5.25 |
| 126 | 1047 | R | CH | OC | 0.7 | <0.5 | 6.39 | <5 | 1126 | <5 | 8.44 | <1 | 22 | 61 | 59 | 5.89 | <10 | 0.21 | 5 | 31 | 2.65 |
| 126 | 9275 | R | S | RC | | 2.3 | 8.82 | <5 | 454 | <5 | 4.55 | 1.1 | 23 | 101 | 2493 | 5.69 | <10 | 0.36 | 5 | 7 | 1.71 |
| 127 | 1048 | R | S | RC | | 2.1 | 4.57 | <5 | 91 | <5 | 4.64 | <1 | 129 | 1385 | 2892 | 10 | <10 | 0.14 | <5 | 3 | 10 |
| 127 | 1049 | R | | RC | | 0.7 | 2.27 | <5 | 31 | <5 | 1.98 | <1 | 111 | 2439 | 227 | 8.91 | <10 | 0.08 | <5 | 3 | 10 |
| 127 | 9276 | R | G | OC | | 3.1 | 3.22 | <5 | 77 | <5 | 3.54 | <1 | 169 | 2091 | 3988 | 10 | <10 | 0.13 | <5 | 3 | 10 |
| 134 | 2931 | R | G | RC | 20 | 0.6 | 7.8 | <5 | 1492 | <5 | 4.58 | 1.1 | 22 | 147 | 215 | 4.56 | <10 | 1.36 | 16 | 6 | 2.09 |
| 138 | 6976 | R | G | OC | | 0.9 | 6 | <5 | 333 | <5 | 7.59 | <1 | 64 | 173 | 548 | 10 | <10 | 0.9 | <5 | 17 | 5.5 |
| 138 | 6977 | R | G | OC | | 0.8 | 10 | <5 | 1061 | <5 | 5.01 | 1 | 20 | 42 | 215 | 5.34 | <10 | 1.56 | 9 | 17 | 1.75 |
| 138 | 6978 | R | G | RC | | 0.5 | 8.67 | <5 | 937 | <5 | 3.74 | <1 | 30 | 107 | 219 | 6.34 | <10 | 1.84 | 14 | 21 | 2.13 |

Table 4. Analytical results for rock samples prepared with total digestion

| Map no. | Sample no. | Mn ppm | Mo ppm | Na pct | Nb ppm | Ni ppm | Pb ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | V ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84 | 6980 | 1599 | 3 | 1.76 | 27 | 63 | <2 | 0.069 | <5 | 31 | <20 | 459 | <5 | <25 | 0.51 | 288 | 18 | 129 | 54 |
| 91 | 6999 | 1077 | 3 | 0.6 | 8 | 488 | <2 | 0.061 | <5 | 27 | <20 | 227 | <5 | <25 | 0.05 | 160 | <5 | 65 | <5 |
| 99 | 2886 | 830 | 11 | 0.24 | 15 | 12 | 3 | 1.38 | <5 | 15 | <20 | 40 | <5 | <25 | 0.27 | 167 | 9 | 84 | 19 |
| 101 | 6995 | 1504 | 3 | 0.3 | 7 | 2469 | 2 | 0.553 | <5 | 19 | <20 | 74 | <5 | <25 | 0.12 | 137 | 6 | 123 | 6 |
| 101 | 6996 | 1496 | 3 | 0.41 | 7 | 2287 | <2 | 0.611 | <5 | 18 | <20 | 91 | <5 | <25 | 0.14 | 147 | 5 | 123 | 6 |
| 102 | 6997 | 1736 | 3 | 1.43 | 30 | 106 | <2 | 0.068 | <5 | 34 | <20 | 160 | <5 | <25 | 0.84 | 332 | 21 | 132 | 50 |
| 102 | 6998 | 1403 | 3 | 0.05 | 5 | 182 | 47 | 0.2 | <5 | 7 | <20 | 339 | <5 | <25 | 0.11 | 101 | 12 | 578 | 13 |
| 106 | 9753 | 687 | 3 | 1.08 | <5 | 30 | 18 | 0.783 | 6 | 6 | <20 | 18 | 50 | <25 | 0.12 | 51 | 11 | 113 | 64 |
| 107 | 1022 | 702 | 44 | 0.02 | <5 | 12 | 1619 | 1.016 | 13 | 7 | <20 | 70 | <5 | <25 | 0.08 | 65 | 6 | 7800 | 9 |
| 107 | 6965 | 5092 | 2 | 0.26 | <5 | 94 | 24 | 2.586 | 17 | 13 | <20 | 161 | <5 | <25 | 0.15 | 167 | 10 | 669 | 17 |
| 107 | 6966 | 865 | 2 | 1.17 | <5 | 22 | 13 | 0.499 | 20 | <5 | <20 | 27 | <5 | <25 | 0.08 | 31 | 11 | 110 | 61 |
| 108 | 1021 | 233 | 15 | 0.05 | 5 | 23 | 920 | 1.315 | 36 | <5 | <20 | 33 | <5 | <25 | 0.06 | 55 | <5 | 426 | 8 |
| 108 | 9752 | 2513 | 55 | 0.02 | 11 | 18 | 72 | 4.679 | <5 | 9 | <20 | 4 | <5 | <25 | 0.09 | 156 | 5 | 403 | 7 |
| 109 | 6964 | 413 | 5 | 0.05 | <5 | >20000 | <2 | 10 | <5 | <5 | <20 | 3 | <5 | <25 | 0.03 | 93 | <5 | 401 | <5 |
| 110 | 6962 | 1333 | 1 | 1.22 | 16 | 10291 | 4 | 2.56 | -5 | 27 | -20 | 402 | -5 | -25 | 0.33 | 224 | 10 | 147 | 11 |
| 110 | 6963 | 1743 | 4 | 0.01 | 23 | 5530 | <2 | 0.399 | 1003 | 6 | <20 | 4 | 53 | <25 | 0.3 | 1154 | <5 | 500 | <5 |
| 115 | 1045 | 653 | 4 | 0.07 | <5 | >20000 | <2 | 10 | <5 | 6 | <20 | 156 | <5 | <25 | 0.14 | 91 | <5 | 280 | <5 |
| 115 | 1046 | 1474 | 4 | 0.11 | 5 | 3231 | <2 | 0.877 | 12 | 16 | <20 | 36 | <5 | <25 | 0.11 | 113 | <5 | 120 | <5 |
| 115 | 7000 | 286 | 3 | 0.03 | <5 | >20000 | <2 | 10 | <5 | <5 | <20 | 29 | <5 | <25 | 0.04 | 92 | <5 | 236 | <5 |
| 119 | 9274 | 1549 | 1 | 0.23 | <5 | 1685 | <2 | 0.239 | 12 | 11 | <20 | 62 | <5 | <25 | 0.1 | 88 | <5 | 115 | <5 |
| 122 | 6974 | 1451 | 3 | 0.24 | 5 | 7917 | 8 | 0.687 | <5 | 17 | <20 | 26 | <5 | <25 | 0.15 | 129 | 6 | 167 | 16 |
| 123 | 6975 | 1634 | 4 | 1.74 | 20 | 119 | <2 | 0.159 | <5 | 35 | <20 | 96 | <5 | <25 | 0.39 | 268 | 18 | 125 | 18 |
| 126 | 1047 | 1669 | 4 | 0.1 | 12 | 148 | <2 | 0.138 | 40 | 13 | <20 | 227 | <5 | <25 | 0.21 | 149 | 9 | 73 | 8 |
| 126 | 9275 | 1117 | 953 | 1.91 | 12 | 27 | 5 | 0.291 | <5 | 16 | <20 | 356 | <5 | <25 | 0.31 | 154 | 10 | 96 | <5 |
| 127 | 1048 | 1315 | 3 | 0.6 | 11 | 3074 | <2 | 1.451 | <5 | 18 | <20 | 83 | <5 | <25 | 0.32 | 172 | 9 | 121 | 8 |
| 127 | 1049 | 1195 | 4 | 0.25 | 7 | 2092 | <2 | 0.161 | 6 | 11 | <20 | 39 | <5 | <25 | 0.15 | 110 | <5 | 108 | 6 |
| 127 | 9276 | 1382 | 5 | 0.42 | 7 | 6214 | 4 | 1.553 | <5 | 15 | <20 | 87 | <5 | <25 | 0.21 | 130 | 6 | 132 | 10 |
| 134 | 2931 | 1274 | 5 | 1.3 | 19 | 39 | <2 | 1.031 | <5 | 15 | <20 | 177 | <5 | <25 | 0.31 | 192 | 23 | 122 | 28 |
| 138 | 6976 | 1652 | 2 | 0.97 | 33 | 128 | <2 | 2.9 | <5 | 46 | <20 | 209 | <5 | <25 | 0.46 | 441 | 12 | 162 | 10 |
| 138 | 6977 | 1036 | 1 | 2.66 | 17 | 6 | <2 | 0.756 | <5 | 16 | <20 | 854 | <5 | <25 | 0.34 | 219 | 15 | 81 | 29 |
| 138 | 6978 | 1326 | 1 | 2.08 | 18 | 50 | 7 | 0.078 | <5 | 19 | <20 | 433 | <5 | <25 | 0.42 | 212 | 16 | 109 | 59 |

## ANALYTICAL RESULTS FOR STREAM SEDIMENT AND PAN CONCENTRATE SAMPLES – PARTIAL DIGESTION

The map numbers in table 5 correspond to the numbered locations on **plate 2**.

Table 5. Analytical results for stream sediment and pan concentrate samples prepared by partial digestion

| Map no. | Sample no. | Type | Au ppm | Ag ppm | Al pct | As ppm | B ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | Hg ppm | K pct | La ppm | Li ppm | Mg pct | Mn ppm | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10346 | PC | 0.008 | <0.2 | 1.28 | 13 | <10 | 140 | <2 | 0.19 | <0.5 | 10 | 64 | 20 | 2.91 | <10 | 0.01 | 0.41 | 30 | | 0.55 | 353 | <1 |
| 2 | 10051 | PC | 56.6 | 0.3 | 0.58 | 15 | <10 | 100 | 2 | 0.31 | <0.5 | 7 | 59 | 12 | 1.88 | <10 | 0.11 | 0.08 | <10 | | 0.28 | 389 | <1 |
| 2 | 10052 | PC | 0.31 | <0.2 | 0.53 | 23 | <10 | 190 | <2 | 0.24 | <0.5 | 16 | 63 | 24 | 2.73 | 30 | 0.03 | 0.08 | 20 | | 0.23 | 2000 | <1 |
| 2 | 10053 | PC | 0.267 | <0.2 | 0.41 | 12 | <10 | 140 | <2 | 0.15 | <0.5 | 20 | 62 | 12 | 2.69 | 20 | 0.02 | 0.08 | 20 | | 0.14 | 1330 | <1 |
| 4 | 10049 | SS | 0.003 | <0.2 | 0.58 | 16 | <10 | 1480 | <2 | 0.41 | 0.7 | 14 | 43 | 46 | 2.26 | <10 | 0.07 | 0.12 | 20 | | 0.33 | 428 | <1 |
| 5 | 10166 | PC | 0.14 | 1.6 | 0.14 | 3 | <10 | 30 | <2 | 0.01 | <0.5 | 2 | 88 | 7 | 1.27 | <10 | 0.09 | 0.06 | <10 | | 0.02 | 56 | <1 |
| 6 | 10050 | PC | 0.28 | <0.2 | 0.33 | 2180 | <10 | 50 | <2 | 0.29 | <0.5 | 13 | 48 | 37 | 3.16 | <10 | 0.13 | 0.11 | 20 | | 0.23 | 411 | <1 |
| 7 | 10112 | PC | 0.047 | 1.1 | 0.17 | 2660 | <10 | 80 | 2 | 0.04 | <0.5 | 1 | 51 | 12 | 2.35 | <10 | 10 | 0.17 | <10 | | 0.03 | 63 | <1 |
| 8 | 2658 | SS | 0.004 | 0.2 | 1.19 | 24 | | 57 | <5 | 1.78 | <0.2 | 21 | 33 | 60 | 3.54 | <2 | 0.184 | 0.06 | 5 | 12 | 1.17 | 588 | 2 |
| 9 | 2678 | SS | 0.141 | <0.2 | 2.06 | 65 | | 24 | <5 | 0.77 | <0.2 | 19 | 48 | 51 | 4.66 | 2 | <0.01 | 0.06 | 9 | 40 | 1.15 | 689 | <1 |
| 10 | 2663 | SS | 0.032 | 0.2 | 1.21 | 67 | | 32 | <5 | 0.72 | <0.2 | 18 | 33 | 57 | 3.99 | <2 | 0.128 | 0.06 | 5 | 15 | 0.85 | 610 | 2 |
| 10 | 2664 | SS | 0.136 | <0.2 | 1.39 | 108 | | 49 | <5 | 1.8 | <0.2 | 28 | 66 | 87 | 4.55 | <2 | 0.807 | 0.06 | 4 | 15 | 1.49 | 689 | <1 |
| 11 | 2665 | SS | 0.005 | <0.2 | 1.72 | 52 | | 133 | <5 | 2.79 | <0.2 | 23 | 48 | 82 | 5.03 | <2 | 1.268 | 0.06 | 4 | 8 | 1.26 | 896 | <1 |
| 12 | 2666 | SS | 0.016 | 0.5 | 1.05 | 81 | | 129 | <5 | 2.11 | 1.4 | 18 | 24 | 74 | 5.33 | <2 | 0.177 | 0.09 | 7 | 8 | 0.76 | 711 | 9 |
| 13 | 2667 | SS | 0.012 | 0.5 | 0.79 | 80 | | 113 | <5 | 1.57 | 1.2 | 17 | 107 | 76 | 4.41 | <2 | 0.316 | 0.06 | 6 | 8 | 1.25 | 735 | 5 |
| 14 | 2668 | SS | 0.014 | <0.2 | 2.29 | 88 | | 95 | <5 | 0.73 | 0.6 | 34 | 45 | 100 | 6.77 | 3 | 0.077 | 0.08 | 6 | 22 | 1.08 | 1128 | 4 |
| 15 | 10423 | PC | 5.14 | <0.2 | 2.03 | 27 | <10 | 50 | <2 | 0.85 | <0.5 | 19 | 94 | 81 | 3.72 | <10 | 6.04 | 0.09 | <10 | | 1.57 | 557 | <1 |
| 15 | 10424 | PC | 0.145 | <0.2 | 1.37 | 20 | <10 | 80 | 2 | 0.65 | <0.5 | 13 | 49 | 34 | 2.91 | <10 | 1.29 | 0.06 | <10 | | 1.12 | 360 | <1 |
| 16 | 10422 | PC | 0.091 | <0.2 | 1.96 | 20 | <10 | 210 | 3 | 1.05 | <0.5 | 19 | 66 | 70 | 4.48 | <10 | 2.45 | 0.1 | <10 | | 1.74 | 621 | <1 |
| 16 | 10502 | PC | 0.047 | <0.2 | 1.83 | 10 | <10 | 100 | <2 | 0.89 | <0.5 | 18 | 66 | 71 | 4.34 | <10 | 2 | 0.09 | <10 | | 1.71 | 604 | <1 |
| 17 | 10425 | PC | 0.01 | <0.2 | 1.42 | 18 | <10 | 240 | <2 | 0.77 | <0.5 | 14 | 59 | 42 | 3.32 | <10 | 3.08 | 0.07 | <10 | | 1.18 | 399 | <1 |
| 18 | 2669 | SS | 0.008 | <0.2 | 1.21 | 43 | | 57 | <5 | 0.56 | <0.2 | 18 | 59 | 40 | 3.35 | <2 | 0.039 | 0.06 | 36 | 8 | 1.29 | 695 | <1 |
| 19 | 2670 | SS | 0.004 | <0.2 | 1.54 | 81 | | 78 | <5 | 0.68 | <0.2 | 31 | 112 | 112 | 4.1 | <2 | 0.066 | 0.08 | 5 | 10 | 1.52 | 979 | <1 |
| 20 | 2673 | SS | 0.019 | <0.2 | 1.35 | 26 | | 87 | <5 | 0.43 | <0.2 | 28 | 107 | 78 | 3.91 | <2 | 0.383 | 0.06 | 8 | 7 | 2.28 | 734 | <1 |
| 20 | 2674 | SS | 0.013 | <0.2 | 1.57 | 44 | | 91 | <5 | 0.58 | <0.2 | 28 | 128 | 98 | 4.01 | <2 | 0.146 | 0.06 | 12 | 8 | 2.06 | 731 | <1 |
| 21 | 2671 | SS | 0.028 | <0.2 | 1.72 | 17 | | 150 | <5 | 0.71 | 0.2 | 27 | 63 | 236 | 5.86 | <2 | 0.064 | 0.19 | 7 | 10 | 1.61 | 961 | 2 |
| 22 | 2672 | SS | 0.004 | <0.2 | 2.33 | 9 | | 388 | <5 | 0.36 | 0.3 | 37 | 35 | 222 | 4.6 | <2 | 0.081 | 0.41 | 6 | 9 | 1.86 | 880 | 6 |
| 23 | 2675 | SS | 0.008 | <0.2 | 2.55 | 19 | | 119 | <5 | 0.51 | 0.4 | 25 | 90 | 109 | 3.97 | <2 | 0.047 | 0.08 | 4 | 12 | 1.66 | 690 | <1 |
| 24 | 2676 | SS | 0.01 | 0.3 | 2.09 | 12 | | 260 | <5 | 0.64 | 0.3 | 34 | 102 | 94 | 4.29 | <2 | 0.092 | 0.07 | 6 | 10 | 2.42 | 1200 | <1 |
| 25 | 2677 | SS | 0.011 | 0.5 | 0.92 | 49 | | 77 | <5 | 2.98 | 6.6 | 24 | 20 | 106 | 5.55 | 2 | 0.089 | 0.06 | 13 | 11 | 0.42 | 895 | 8 |
| 26 | 10421 | PC | 4.1 | 0.2 | 1.83 | 49 | <10 | 310 | 2 | 0.58 | 0.8 | 21 | 124 | 52 | 4.6 | <10 | 0.03 | 0.17 | <10 | | 1.32 | 576 | 2 |
| 26 | 10519 | PC | 8.14 | <0.2 | 1.63 | 55 | <10 | 190 | 2 | 0.53 | 0.7 | 18 | 112 | 52 | 3.76 | <10 | 0.03 | 0.16 | <10 | | 1.18 | 519 | <1 |
| 27 | 10443 | PC | 0.521 | <0.2 | 1.73 | 12 | <10 | 60 | 2 | 0.68 | <0.5 | 22 | 144 | 44 | 3.78 | <10 | 0.83 | 0.08 | <10 | | 1.84 | 523 | <1 |
| 28 | 2679 | SS | 0.002 | <0.2 | 1.65 | 23 | | 44 | <5 | 0.7 | <0.2 | 62 | 380 | 181 | 4.24 | <2 | 0.064 | 0.05 | <1 | 5 | 2.97 | 484 | <1 |
| 29 | 10444 | PC | 0.674 | <0.2 | 1.72 | 10 | <10 | 50 | <2 | 0.59 | <0.5 | 19 | 96 | 38 | 3.68 | <10 | 0.52 | 0.1 | 20 | | 1.72 | 642 | <1 |
| 30 | 10160 | PC | 10.8 | <0.2 | 1.3 | 8 | <10 | 70 | 2 | 0.4 | <0.5 | 30 | 175 | 57 | 4.87 | <10 | 0.05 | 0.11 | 20 | | 1.41 | 549 | <1 |
| 31 | 10438 | PC | 7.16 | <0.2 | 1.24 | 18 | <10 | 110 | <2 | 0.99 | 0.7 | 26 | 150 | 71 | 6.93 | 20 | 0.06 | 0.11 | 20 | | 1.91 | 596 | <1 |
| 32 | 10439 | PC | 0.3 | <0.2 | 1.13 | 20 | <10 | 260 | <2 | 0.26 | <0.5 | 10 | 83 | 56 | 3.57 | <10 | 0.3 | 0.12 | 20 | | 0.52 | 424 | <1 |
| 33 | 10432 | PC | 5.58 | <0.2 | 1.77 | 12 | <10 | 60 | <2 | 0.86 | <0.5 | 21 | 241 | 98 | 3.68 | <10 | 10 | 0.04 | <10 | | 2 | 375 | <1 |
| 33 | 10433 | PC | 0.167 | <0.2 | 1.78 | 8 | <10 | 50 | <2 | 0.78 | <0.5 | 30 | 203 | 77 | 4.99 | 20 | 0.11 | 0.07 | <10 | | 2.42 | 419 | <1 |
| 34 | 1026 | SS | 0.003 | <0.2 | 2.86 | 6 | | 52 | <5 | 1.67 | <0.2 | 54 | 377 | 182 | 4.08 | <2 | 0.117 | 0.04 | 2 | 8 | 2.62 | 553 | <1 |
| 34 | 1027 | SS | 0.003 | <0.2 | 2.14 | 32 | | 53 | <5 | 1.44 | 1.2 | 46 | 326 | 156 | 3.99 | <2 | 0.59 | 0.06 | 3 | 8 | 2.43 | 690 | <1 |
| 34 | 1028 | SS | 0.002 | <0.2 | 2.99 | <5 | | 51 | <5 | 1.71 | <0.2 | 32 | 227 | 128 | 2.99 | <2 | 0.08 | 0.07 | 3 | 6 | 1.72 | 374 | <1 |
| 35 | 1025 | SS | 0.007 | <0.2 | 2.56 | 12 | | 104 | <5 | 0.62 | 0.6 | 121 | 69 | 602 | 4.39 | <2 | 0.973 | 0.05 | 5 | 11 | 1.94 | 2144 | <1 |
| 36 | 10503 | PC | 9.05 | <0.2 | 1.51 | 3 | <10 | 50 | <2 | 0.7 | <0.5 | 21 | 198 | 80 | 3.48 | <10 | 1.33 | 0.04 | <10 | | 1.84 | 316 | <1 |
| 37 | 10426 | PC | 0.37 | <0.2 | 1.54 | 12 | <10 | 110 | <2 | 0.86 | <0.5 | 31 | 242 | 147 | 5.82 | <10 | 7.05 | 0.04 | <10 | | 2.06 | 408 | <1 |

Table 5. Analytical results for stream sediment and pan concentrate samples prepared by partial digestion

| Map no. | Sample no. | Na pct | Nb ppm | Ni ppm | P ppm | Pb ppm | Pd ppm | Pt ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | Tl ppm | U ppm | V ppm | W ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 10346 | 0.03 | | 21 | 400 | 33 | <0.001 | 0.0005 | 0.01 | 6 | 3 | | 8 | | | 0.06 | <10 | <10 | 20 | <10 | | 55 | |
| 2 | 10051 | 0.02 | | 18 | 350 | 8 | 0.001 | 0.0007 | 0.02 | <2 | 2 | | 11 | | | 0.08 | <10 | <10 | 35 | <10 | | 41 | |
| 2 | 10052 | 0.02 | | 36 | 400 | 13 | 0.001 | 0.0008 | <0.01 | 2 | 2 | | 7 | | | 0.07 | <10 | <10 | 35 | <10 | | 48 | |
| 2 | 10053 | 0.02 | | 20 | 310 | 9 | 0.001 | <0.0005 | <0.01 | <2 | 3 | | 5 | | | 0.04 | <10 | <10 | 22 | <10 | | 47 | |
| 4 | 10049 | 0.01 | | 34 | 430 | 11 | 0.002 | 0.0007 | 0.03 | <2 | 5 | <5 | 21 | | | 0.04 | 10 | <10 | 32 | <10 | | 107 | |
| 5 | 10166 | 0.01 | | 6 | 50 | 6 | <0.001 | <0.0005 | 0.04 | <2 | 1 | | 3 | | | 0.01 | <10 | <10 | 5 | <10 | | 12 | |
| 6 | 10050 | 0.01 | | 37 | 440 | 34 | 0.13 | 0.0007 | 0.33 | 16 | 2 | | 11 | | | <0.01 | <10 | <10 | 11 | <20 | | 54 | |
| 7 | 10112 | 0.01 | | 7 | 250 | 160 | 0.001 | <0.005 | 0.23 | 661 | 1 | | 17 | | | <0.01 | 10 | <10 | 5 | <10 | | 20 | |
| 8 | 2658 | 0.03 | 2 | 49 | | 12 | 0.003 | <0.005 | 0.57 | <5 | <5 | <20 | 96 | <10 | <10 | 0.046 | | | 50 | <20 | 5 | 91 | 2 |
| 9 | 2678 | 0.01 | 4 | 51 | | 5 | 0.003 | <0.005 | 0.02 | <5 | <5 | <20 | 54 | <10 | <10 | 0.031 | | | 47 | <20 | 8 | 114 | 2 |
| 10 | 2663 | <0.01 | 3 | 38 | | 5 | 0.003 | <0.005 | 0.28 | <5 | <5 | <20 | 35 | <10 | <10 | 0.057 | | | 33 | <20 | 6 | 114 | 2 |
| 10 | 2664 | 0.01 | 2 | 64 | | 4 | 0.006 | <0.005 | 0.64 | <5 | 6 | <20 | 67 | <10 | <10 | 0.068 | | | 57 | <20 | 8 | 87 | 3 |
| 11 | 2665 | 0.01 | 4 | 26 | | 4 | 0.003 | <0.005 | 0.06 | <5 | 13 | <20 | 93 | <10 | <10 | 0.027 | | | 114 | <20 | 10 | 93 | 3 |
| 12 | 2666 | 0.03 | 3 | 48 | | 7 | 0.003 | <0.005 | 1.06 | 7 | 5 | <20 | 138 | <10 | <10 | 0.021 | | | 53 | <20 | 12 | 228 | 5 |
| 13 | 2667 | 0.02 | 2 | 74 | | 5 | 0.007 | 0.007 | 0.41 | 16 | <5 | <20 | 111 | <10 | <10 | <0.01 | | | 43 | <20 | 9 | 203 | 4 |
| 14 | 2668 | 0.03 | 5 | 53 | | 5 | 0.003 | <0.005 | 0.05 | 8 | 10 | <20 | 44 | <10 | <10 | 0.103 | | | 114 | <20 | 15 | 159 | 5 |
| 15 | 10423 | 0.03 | | 50 | 470 | 6 | 0.008 | 0.0028 | 0.15 | <2 | 6 | | 27 | | | 0.25 | <10 | <10 | 90 | 10 | | 55 | |
| 15 | 10424 | 0.03 | | 43 | 400 | 4 | 0.002 | 0.0028 | 0.04 | <2 | 5 | | 37 | | | 0.1 | <10 | <10 | 56 | <10 | | 47 | |
| 16 | 10422 | 0.03 | | 54 | 540 | 8 | 0.005 | 0.0047 | 0.14 | <2 | 5 | | 35 | | | 0.22 | <10 | <10 | 92 | <10 | | 66 | |
| 16 | 10502 | 0.03 | | 52 | 550 | 7 | 0.006 | 0.0028 | 0.03 | <2 | 5 | | 24 | | | 0.2 | <10 | <10 | 92 | <10 | | 65 | |
| 17 | 10425 | 0.04 | | 42 | 380 | 7 | 0.003 | 0.0036 | 0.22 | 3 | 5 | | 37 | | | 0.09 | <10 | <10 | 64 | <10 | | 49 | |
| 18 | 2669 | 0.02 | 2 | 101 | | 6 | 0.005 | <0.005 | 0.05 | <5 | <5 | <20 | 37 | <10 | <10 | 0.04 | | | 50 | <20 | 11 | 53 | 5 |
| 19 | 2670 | 0.02 | 2 | 236 | | 6 | 0.006 | <0.005 | 0.04 | <5 | 6 | <20 | 57 | <10 | <10 | 0.073 | | | 63 | <20 | 9 | 84 | 4 |
| 20 | 2673 | 0.02 | 2 | 219 | | 7 | 0.005 | <0.005 | 0.02 | <5 | <5 | <20 | 31 | <10 | <10 | 0.058 | | | 45 | <20 | 8 | 65 | 5 |
| 20 | 2674 | 0.02 | 2 | 177 | | 6 | 0.005 | <0.005 | 0.05 | <5 | 5 | <20 | 48 | <10 | <10 | 0.073 | | | 56 | <20 | 9 | 77 | 4 |
| 21 | 2671 | 0.03 | 5 | 72 | | 5 | 0.004 | <0.005 | 0.09 | <5 | 7 | <20 | 79 | <10 | <10 | 0.1 | | | 155 | <20 | 8 | 83 | 4 |
| 22 | 2672 | 0.03 | 3 | 77 | | 2 | 0.003 | <0.005 | 0.05 | <5 | 6 | <20 | 57 | <10 | <10 | 0.078 | | | 82 | <20 | 9 | 64 | 4 |
| 23 | 2675 | 0.03 | 3 | 58 | | 14 | 0.003 | <0.005 | 0.03 | <5 | 7 | <20 | 40 | <10 | <10 | 0.059 | | | 71 | <20 | 7 | 138 | 5 |
| 24 | 2676 | 0.02 | 2 | 159 | | 9 | 0.005 | <0.005 | 0.07 | <5 | <5 | <20 | 44 | <10 | <10 | 0.077 | | | 56 | <20 | 8 | 110 | 4 |
| 25 | 2677 | 0.02 | 3 | 63 | | 8 | 0.005 | <0.005 | 0.22 | 6 | 6 | <20 | 201 | <10 | <10 | 0.021 | | | 57 | <20 | 25 | 572 | 4 |
| 26 | 10421 | 0.05 | | 116 | 1020 | 163 | 0.002 | <0.005 | 0.42 | 3 | 3 | | 40 | | | 0.07 | <10 | <10 | 62 | 10 | | 108 | |
| 26 | 10519 | 0.03 | | 90 | 1150 | 149 | 0.003 | <0.005 | 0.39 | 2 | 3 | | 35 | | | 0.06 | <10 | <10 | 48 | 10 | | 119 | |
| 27 | 10443 | 0.05 | | 147 | 1030 | 7 | 0.005 | 0.0051 | 0.03 | <2 | 6 | | 26 | | | 0.09 | <10 | <10 | 63 | <10 | | 70 | |
| 28 | 2679 | 0.04 | 2 | 457 | | <2 | 0.008 | 0.011 | 0.02 | <5 | <5 | <20 | 48 | <10 | <10 | 0.117 | | | 49 | <20 | 2 | 42 | 5 |
| 29 | 10444 | 0.04 | | 116 | 350 | 13 | 0.004 | 0.0058 | 0.01 | <2 | 5 | | 25 | | | 0.13 | <10 | <10 | 79 | <10 | | 53 | |
| 30 | 10160 | 0.04 | | 219 | 310 | 8 | 0.011 | 0.0538 | <0.01 | <2 | 4 | | 15 | | | 0.1 | <10 | <10 | 56 | <10 | | 48 | |
| 31 | 10438 | 0.03 | | 276 | 410 | 11 | 0.017 | 0.258 | 0.01 | <2 | 5 | | 16 | | | 0.09 | <10 | <10 | 57 | <10 | | 58 | |
| 32 | 10439 | 0.02 | | 60 | 140 | 18 | 0.002 | 0.03 | 0.02 | <2 | 5 | | 16 | | | 0.06 | <10 | <10 | 49 | <10 | | 72 | |
| 33 | 10432 | 0.09 | | 175 | 470 | 6 | 0.006 | 0.0089 | 0.02 | <2 | 4 | | 39 | | | 0.16 | <10 | <10 | 56 | <10 | | 60 | |
| 33 | 10433 | 0.08 | | 385 | 420 | 7 | 0.005 | 0.0094 | 0.03 | <2 | 4 | | 28 | | | 0.12 | <10 | <10 | 62 | <10 | | 39 | |
| 34 | 1026 | 0.14 | 3 | 295 | | <2 | 0.007 | 0.012 | 0.12 | <5 | 6 | <20 | 161 | <10 | <10 | 0.184 | | | 84 | <20 | 4 | 40 | 5 |
| 34 | 1027 | 0.08 | 2 | 267 | | 2 | 0.006 | 0.008 | 0.13 | <5 | 6 | <20 | 77 | <10 | <10 | 0.104 | | | 69 | <20 | 7 | 148 | 4 |
| 34 | 1028 | 0.12 | 2 | 179 | | <2 | 0.007 | <0.005 | 0.03 | <5 | <5 | <20 | 109 | <10 | <10 | 0.177 | | | 68 | <20 | 3 | 39 | 4 |
| 35 | 1025 | 0.01 | 3 | 49 | | 9 | 0.003 | <0.005 | 0.06 | <5 | 7 | <20 | 44 | <10 | <10 | 0.129 | | | 90 | <20 | 42 | 170 | 3 |
| 36 | 10503 | 0.07 | | 186 | 390 | 5 | 0.005 | 0.0116 | 0.03 | <2 | 3 | | 23 | | | 0.12 | <10 | <10 | 58 | <10 | | 40 | |
| 37 | 10426 | 0.08 | | 274 | 370 | 9 | 0.006 | 0.0194 | 0.13 | <2 | 4 | | 20 | | | 0.15 | <10 | <10 | 82 | <10 | | 49 | |

Table 5. Analytical results for stream sediment and pan concentrate samples prepared by partial digestion

| Map no. | Sample no. | Type | Au ppm | Ag ppm | Al pct | As ppm | B ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | Hg ppm | K pct | La ppm | Li ppm | Mg pct | Mn ppm | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | 10434 | PC | 20.6 | <0.2 | 1.55 | 10 | <10 | 140 | <2 | 0.83 | <0.5 | 29 | 234 | 113 | 4.99 | <10 | 2.21 | 0.04 | <10 | | 1.93 | 377 | <1 |
| 38 | 10441 | PC | 0.155 | <0.2 | 2.16 | 11 | <10 | 40 | <2 | 1.35 | 0.6 | 26 | 126 | 47 | 5.99 | <10 | 0.01 | 0.26 | <10 | | 1.98 | 368 | 1 |
| 39 | 2878 | SS | 0.006 | <0.2 | 2.69 | 31 | | 58 | <5 | 3.46 | 0.3 | 22 | 63 | 53 | 5.09 | 3 | 0.019 | 0.4 | 5 | 24 | 1.27 | 407 | <1 |
| 39 | 2879 | SS | 0.003 | <0.2 | 2.78 | 21 | | 106 | <5 | 1.92 | 0.6 | 32 | 58 | 79 | 5.63 | 3 | 0.019 | 0.18 | 8 | 27 | 1.26 | 699 | 2 |
| 40 | 2880 | SS | 0.009 | <0.2 | 2.33 | 5 | | 41 | <5 | 0.76 | <0.2 | 40 | 379 | 134 | 3.98 | <2 | 0.029 | 0.05 | 2 | 6 | 2.86 | 438 | <1 |
| 40 | 2881 | SS | 0.006 | <0.2 | 2.55 | 16 | | 37 | <5 | 1.58 | <0.2 | 40 | 371 | 80 | 5.19 | <2 | 0.027 | 0.12 | 2 | 13 | 3.18 | 594 | <1 |
| 41 | 10516 | PC | 7.14 | 0.7 | 1.28 | 8 | <10 | 50 | 2 | 0.64 | 1.5 | 35 | 229 | 55 | 7.74 | <10 | 0.52 | 0.05 | <10 | | 3.01 | 451 | <1 |
| 42 | 10517 | PC | 0.121 | <0.2 | 1.44 | 14 | <10 | 40 | <2 | 0.58 | <0.5 | 27 | 189 | 67 | 4.55 | <10 | 0.06 | 0.08 | <10 | | 2.64 | 432 | 2 |
| 43 | 10445 | PC | 25.1 | <0.2 | 1.59 | 3 | <10 | 30 | <2 | 0.65 | 0.5 | 29 | 191 | 48 | 5.01 | <10 | 0.02 | 0.06 | <10 | | 3.21 | 449 | <1 |
| 44 | 2883 | SS | 0.062 | <0.2 | 1.13 | 13 | | 67 | <5 | 0.37 | <0.2 | 93 | 314 | 150 | 7.38 | <2 | 0.055 | 0.04 | <1 | 5 | 10 | 1072 | <1 |
| 45 | 2884 | SS | 0.003 | <0.2 | 1.92 | 13 | | 77 | <5 | 1.28 | 0.5 | 40 | 237 | 193 | 8.34 | <2 | 0.149 | 0.09 | <1 | 8 | 1.69 | 733 | <1 |
| 45 | 2885 | SS | 0.005 | <0.2 | 1.91 | 16 | | 58 | <5 | 2.13 | 0.5 | 23 | 117 | 91 | 4.07 | <2 | 0.112 | 0.06 | 2 | 9 | 1.7 | 705 | <1 |
| 46 | 10348 | PC | 0.004 | <0.2 | 2.14 | 8 | 20 | 120 | 2 | 2.07 | 0.8 | 27 | 58 | 101 | 6.72 | <10 | 1.61 | 0.04 | <10 | | 1.78 | 612 | <1 |
| 47 | 10506 | PC | 0.007 | <0.2 | 1.71 | 8 | <10 | 310 | 2 | 1.46 | <0.5 | 18 | 66 | 70 | 3.58 | <10 | 0.14 | 0.08 | <10 | | 2.1 | 524 | <1 |
| 48 | 10446 | PC | 0.003 | <0.2 | 1.68 | 3 | <10 | 90 | <2 | 1.23 | 0.6 | 14 | 68 | 63 | 4.71 | <10 | 0.09 | 0.08 | <10 | | 1.14 | 398 | <1 |
| 49 | 10117 | PC | 0.008 | <0.2 | 1.41 | 2 | <10 | 130 | <2 | 0.17 | <0.5 | 5 | 35 | 17 | 1.76 | <10 | 0.02 | 0.11 | <10 | | 1.13 | 523 | 2 |
| 49 | 10118 | PC | 0.067 | <0.2 | 1.64 | 6 | <10 | 80 | <2 | 0.82 | <0.5 | 14 | 72 | 79 | 4.32 | <10 | 0.1 | 0.08 | <10 | | 1.14 | 358 | <1 |
| 49 | 10205 | PC | 0.003 | <0.2 | 1.59 | 4 | <10 | 140 | <2 | 1.06 | <0.5 | 14 | 77 | 72 | 4.16 | <10 | 0.12 | 0.08 | <10 | | 1.09 | 379 | 2 |
| 50 | 2882 | SS | 0.002 | <0.2 | 1.62 | 7 | | 90 | <5 | 0.6 | <0.2 | 25 | 93 | 39 | 4.04 | <2 | 0.026 | 0.09 | 6 | 12 | 2.33 | 560 | <1 |
| 51 | 2887 | SS | 0.005 | <0.2 | 1.68 | <5 | | 75 | <5 | 0.82 | 0.3 | 22 | 19 | 132 | 3.98 | <2 | 0.117 | 0.03 | 1 | 3 | 1.18 | 588 | <1 |
| 52 | 10018 | PC | 0.01 | 0.2 | 7.93 | 12 | <10 | 340 | 9 | 0.14 | 6.1 | <1 | 1 | 165 | 15 | 20 | 0.05 | 0.42 | <10 | | 3.77 | 3350 | <1 |
| 53 | 1038 | SS | 0.007 | <0.2 | 0.99 | 20 | | 42 | <5 | 7.8 | <0.2 | 11 | 21 | 49 | 1.99 | <2 | 0.102 | 0.1 | 6 | 10 | 3.29 | 619 | 2 |
| 54 | 1037 | SS | 0.004 | <0.2 | 1.36 | 13 | | 63 | <5 | 0.6 | 0.3 | 15 | 43 | 53 | 2.62 | <2 | 0.11 | 0.08 | 8 | 13 | 0.61 | 464 | <1 |
| 55 | 1039 | SS | 0.013 | <0.2 | 1.25 | 123 | | 39 | <5 | 1.59 | <0.2 | 14 | 40 | 32 | 3.06 | <2 | 0.116 | 0.07 | 8 | 33 | 0.76 | 441 | <1 |
| 56 | 1040 | SS | 0.017 | <0.2 | 2.52 | 12 | | 148 | <5 | 1.11 | <0.2 | 19 | 77 | 48 | 4.26 | 3 | 0.535 | 0.15 | 9 | 17 | 1.3 | 484 | <1 |
| 56 | 1041 | SS | 0.005 | <0.2 | 1.57 | 8 | | 75 | <5 | 2.21 | <0.2 | 24 | 75 | 95 | 4.44 | <2 | 1.797 | 0.07 | <1 | 16 | 1.19 | 335 | <1 |
| 57 | 1042 | SS | 0.041 | <0.2 | 2.29 | 6 | | 80 | <5 | 0.86 | 0.4 | 30 | 120 | 87 | 5.82 | <2 | 0.702 | 0.08 | 5 | 18 | 1.89 | 602 | <1 |
| 58 | 2921 | SS | 0.003 | <0.2 | 0.61 | <5 | | 52 | <5 | 0.67 | 0.5 | 38 | 139 | 51 | 10 | 6 | 0.21 | 0.04 | <1 | 5 | 0.52 | 274 | <1 |
| 60 | 2925 | SS | 0.05 | <0.2 | 1.43 | 41 | | 171 | <5 | 1.05 | <0.2 | 18 | 48 | 58 | 3.45 | <2 | 0.286 | 0.1 | 5 | 9 | 0.78 | 515 | <1 |
| 61 | 10510 | PC | 0.034 | <0.2 | 1.34 | 10 | <10 | 220 | <2 | 0.53 | <0.5 | 17 | 71 | 261 | 3.93 | <10 | 0.18 | 0.1 | <10 | | 0.92 | 458 | 2 |
| 62 | 2922 | SS | 0.123 | 0.4 | 1.09 | 1126 | | 82 | 12 | 0.92 | <0.2 | 29 | 54 | 136 | 6.3 | <2 | 0.404 | 0.07 | 2 | 13 | 0.83 | 379 | <1 |
| 63 | 2923 | SS | 0.007 | <0.2 | 1.78 | 41 | | 43 | <5 | 1.22 | <0.2 | 17 | 29 | 80 | 2.9 | <2 | 0.16 | 0.11 | 1 | 10 | 0.81 | 378 | <1 |
| 64 | 2924 | SS | 0.011 | 0.8 | 2.03 | 20 | | 339 | <5 | 0.75 | 1.8 | 19 | 22 | 70 | 4.1 | 2 | 0.076 | 0.1 | 16 | 19 | 1.08 | 1258 | <1 |
| 65 | 2927 | SS | 0.016 | 1.2 | 0.53 | 70 | | 67 | <5 | 0.47 | 6 | 25 | 16 | 140 | 6.33 | <2 | 0.266 | 0.06 | 6 | 8 | 0.42 | 402 | 12 |
| 65 | 2928 | SS | 0.018 | 1.3 | 1.13 | 108 | | 73 | <5 | 1.42 | 5.1 | 35 | 35 | 140 | 6.77 | <2 | 0.247 | 0.09 | 2 | 19 | 1.14 | 764 | 8 |
| 66 | 2929 | SS | 0.012 | 0.9 | 0.59 | 39 | | 192 | <5 | 3.6 | 3.3 | 16 | 19 | 90 | 3.62 | <2 | 0.115 | 0.07 | 4 | 9 | 1.1 | 849 | 8 |
| 68 | 2930 | PC | 0.011 | 0.5 | 2.1 | 24 | | 79 | <5 | 1.61 | 0.8 | 29 | 283 | 87 | 6.41 | <2 | 0.261 | 0.25 | 9 | 16 | 1.34 | 539 | 3 |
| 69 | 2926 | SS | 0.012 | <0.2 | 2.07 | 19 | | 95 | <5 | 0.73 | <0.2 | 27 | 206 | 50 | 5.28 | <2 | 0.087 | 0.13 | 6 | 45 | 1.23 | 701 | <1 |
| 70 | 10402 | PC | 2.52 | 6 | 1.23 | 18 | <10 | 80 | <2 | 0.56 | 1.2 | 51 | 1645 | 35 | 13.1 | <10 | 0.04 | 0.07 | <10 | | 0.92 | 912 | <1 |
| 70 | 10404 | PC | 84 | 1.4 | 1.53 | 23 | <10 | 80 | <2 | 0.59 | 1.6 | 34 | 498 | 49 | 9.89 | <10 | 0.47 | 0.09 | <10 | | 1.08 | 747 | <1 |
| 70 | 10405 | PC | 17.45 | <0.2 | 1.29 | 8 | <10 | 100 | 2 | 0.66 | 1.8 | 30 | 389 | 37 | 11.4 | <10 | 0.07 | 0.09 | <10 | | 0.8 | 740 | <1 |
| 74 | 10406 | PC | 7.02 | 19.2 | 1.51 | 16 | <10 | 100 | <2 | 0.51 | 1.1 | 30 | 841 | 56 | 8.06 | <10 | 0.84 | 0.1 | <10 | | 1.01 | 929 | <1 |
| 76 | 10407 | PC | 792 | 63.8 | 1.75 | 11 | <10 | 200 | <2 | 0.76 | 1 | 24 | 186 | 84 | 7.65 | <10 | 1.93 | 0.1 | <10 | | 1.04 | 716 | <1 |
| 76 | 10408 | PC | 82.2 | 2 | 1.64 | 10 | <10 | 120 | 2 | 0.74 | <0.5 | 15 | 78 | 35 | 5.02 | <10 | 0.75 | 0.1 | <10 | | 0.96 | 440 | <1 |
| 77 | 10451 | PC | 43.3 | 5.4 | 1.67 | 6 | <10 | 80 | <2 | 0.75 | 0.5 | 18 | 93 | 51 | 6.23 | <10 | 0.2 | 0.1 | <10 | | 1.13 | 581 | <1 |
| 77 | 10452 | PC | 1.32 | <0.2 | 1.74 | 10 | <10 | 90 | 2 | 0.85 | <0.5 | 18 | 102 | 45 | 5.61 | <10 | 0.68 | 0.12 | <10 | | 1.17 | 606 | <1 |

Table 5. Analytical results for stream sediment and pan concentrate samples prepared by partial digestion

| Map no. | Sample no. | Na pct | Nb ppm | Ni ppm | P ppm | Pb ppm | Pd ppm | Pt ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | Tl ppm | U ppm | V ppm | W ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | 10434 | 0.08 | | 275 | 370 | 7 | 0.03 | 0.0091 | 0.07 | <2 | 4 | | 23 | | | 0.14 | <10 | <10 | 77 | <10 | | 46 | |
| 38 | 10441 | 0.1 | | 182 | 450 | 9 | 0.004 | 0.0155 | 0.09 | <2 | 6 | | 60 | | | 0.11 | <10 | <10 | 80 | 10 | | 88 | |
| 39 | 2878 | 0.09 | 3 | 54 | | 9 | 0.002 | <0.005 | 0.29 | <5 | 9 | <20 | 318 | <10 | <10 | 0.081 | | | 83 | <20 | 8 | 148 | 4 |
| 39 | 2879 | 0.05 | 4 | 92 | | 11 | 0.004 | <0.005 | 0.1 | <5 | 7 | <20 | 224 | <10 | <10 | 0.084 | | | 90 | <20 | 10 | 294 | 6 |
| 40 | 2880 | 0.06 | 2 | 316 | | 4 | 0.007 | 0.006 | 0.02 | <5 | <5 | <20 | 54 | <10 | <10 | 0.171 | | | 80 | <20 | 4 | 58 | 4 |
| 40 | 2881 | 0.06 | 3 | 267 | | 7 | 0.008 | <0.005 | 0.1 | <5 | 6 | <20 | 101 | <10 | <10 | 0.16 | | | 86 | <20 | 6 | 120 | 9 |
| 41 | 10516 | 0.04 | | 287 | 370 | 3 | 0.014 | 0.068 | 0.06 | 2 | 2 | | 19 | | | 0.11 | <10 | <10 | 309 | <10 | | 37 | |
| 42 | 10517 | 0.04 | | 243 | 900 | 5 | 0.006 | 0.012 | 0.11 | 4 | 2 | | 26 | | | 0.09 | <10 | <10 | 100 | <10 | | 41 | |
| 43 | 10445 | 0.04 | | 285 | 500 | 6 | 0.006 | 0.0384 | <0.01 | 2 | 3 | | 18 | | | 0.13 | <10 | 20 | 143 | <10 | | 44 | |
| 44 | 2883 | 0.02 | <1 | 1364 | | 4 | 0.024 | 0.031 | 0.06 | <5 | <5 | <20 | 21 | <10 | <10 | 0.038 | | | 44 | <20 | 4 | 147 | 4 |
| 45 | 2884 | 0.04 | 7 | 69 | | 6 | 0.011 | 0.014 | 0.22 | <5 | 9 | <20 | 62 | <10 | <10 | 0.106 | | | 288 | <20 | 8 | 94 | 5 |
| 45 | 2885 | 0.03 | 4 | 88 | | 3 | 0.004 | <0.005 | 0.1 | <5 | 6 | <20 | 81 | <10 | <10 | 0.127 | | | 89 | <20 | 7 | 75 | 5 |
| 46 | 10348 | 0.03 | | 45 | 460 | 8 | 0.002 | 0.0023 | 0.55 | <2 | 10 | | 44 | | | 0.16 | <10 | <10 | 160 | <10 | | 54 | |
| 47 | 10506 | 0.06 | | 120 | 420 | 9 | 0.005 | 0.0062 | 0.09 | <2 | 5 | | 39 | | | 0.1 | <10 | <10 | 80 | <10 | | 54 | |
| 48 | 10446 | 0.09 | | 44 | 470 | 6 | 0.004 | 0.0106 | 0.03 | <2 | 5 | | 48 | | | 0.14 | <10 | 40 | 187 | <10 | | 41 | |
| 49 | 10117 | 0.06 | | 8 | 200 | 14 | 0.002 | <0.005 | 0.01 | <2 | 1 | | 8 | | | 0.02 | <10 | <10 | 22 | <10 | | 68 | |
| 49 | 10118 | 0.1 | | 44 | 500 | <2 | 0.004 | 0.01 | 0.07 | <2 | 3 | | 36 | | | 0.1 | <10 | <10 | 166 | <10 | | 40 | |
| 49 | 10205 | 0.1 | | 43 | 510 | 2 | 0.005 | <0.005 | 0.06 | 2 | 3 | | 46 | | | 0.1 | <10 | <10 | 167 | <10 | | 38 | |
| 50 | 2882 | 0.02 | 3 | 197 | | 4 | 0.004 | <0.005 | 0.01 | <5 | <5 | <20 | 38 | <10 | <10 | 0.085 | | | 82 | <20 | 5 | 62 | 3 |
| 51 | 2887 | 0.02 | 4 | 10 | | <2 | 0.004 | <0.005 | 0.37 | <5 | 5 | <20 | 48 | <10 | <10 | 0.121 | | | 86 | <20 | 6 | 55 | 3 |
| 52 | 10018 | 0.01 | | 4 | 730 | 22 | 0.001 | <0.005 | 5.29 | <2 | 26 | 14 | <1 | | | 0.09 | <10 | <10 | 163 | <10 | | 231 | |
| 53 | 1038 | 0.03 | <1 | 14 | | <2 | 0.004 | <0.005 | 0.15 | <5 | <5 | <20 | 85 | <10 | <10 | 0.08 | | | 49 | <20 | 6 | 30 | 3 |
| 54 | 1037 | 0.03 | 3 | 32 | | 7 | 0.003 | <0.005 | 0.01 | <5 | <5 | <20 | 44 | <10 | <10 | 0.054 | | | 72 | <20 | 6 | 50 | 4 |
| 55 | 1039 | 0.02 | 2 | 34 | | 7 | 0.002 | <0.005 | 0.62 | <5 | 5 | <20 | 38 | <10 | <10 | 0.02 | | | 46 | <20 | 10 | 65 | 3 |
| 56 | 1040 | 0.09 | 4 | 41 | | 6 | 0.004 | <0.005 | 0.05 | <5 | 10 | <20 | 107 | <10 | <10 | 0.038 | | | 121 | <20 | 10 | 80 | 7 |
| 56 | 1041 | 0.06 | 3 | 34 | | <2 | 0.007 | <0.005 | 0.12 | <5 | 6 | <20 | 65 | <10 | <10 | 0.146 | | | 176 | <20 | 5 | 36 | 3 |
| 57 | 1042 | 0.03 | 5 | 77 | | 2 | 0.01 | 0.006 | 0.02 | <5 | 10 | <20 | 58 | <10 | <10 | 0.117 | | | 225 | <20 | 7 | 82 | 6 |
| 58 | 2921 | 0.03 | 12 | 53 | | <2 | 0.016 | 0.019 | 0.08 | <5 | <5 | <20 | 25 | 13 | <10 | 0.082 | | | 523 | <20 | 2 | 35 | 6 |
| 60 | 2925 | 0.05 | 3 | 27 | | 7 | 0.006 | <0.005 | 0.23 | <5 | <5 | <20 | 47 | <10 | <10 | 0.103 | | | 96 | <20 | 7 | 64 | 4 |
| 61 | 10510 | 0.05 | | 29 | 600 | 6 | 0.004 | <0.005 | 0.46 | <2 | 3 | | 23 | | | 0.09 | <10 | <10 | 114 | <10 | | 61 | |
| 62 | 2922 | 0.04 | 6 | 34 | | 154 | 0.018 | 0.006 | 0.64 | 6 | 5 | <20 | 33 | <10 | <10 | 0.07 | | | 200 | <20 | 5 | 269 | 4 |
| 63 | 2923 | 0.08 | 3 | 22 | | 5 | 0.005 | <0.005 | 0.04 | <5 | 6 | <20 | 37 | <10 | <10 | 0.126 | | | 78 | <20 | 7 | 59 | 2 |
| 64 | 2924 | 0.03 | 4 | 24 | | 154 | 0.005 | <0.005 | 0.09 | <5 | 6 | <20 | 62 | <10 | <10 | 0.078 | | | 81 | <20 | 13 | 510 | 9 |
| 65 | 2927 | 0.01 | 4 | 102 | | 18 | 0.008 | <0.005 | 3.07 | 11 | <5 | <20 | 67 | <10 | <10 | <0.01 | | | 25 | <20 | 6 | 588 | 3 |
| 65 | 2928 | 0.02 | 4 | 125 | | 17 | 0.01 | <0.005 | 3.23 | 6 | <5 | <20 | 116 | <10 | <10 | 0.013 | | | 34 | <20 | 8 | 519 | 3 |
| 66 | 2929 | <0.01 | 1 | 65 | | 9 | 0.008 | 0.006 | 0.72 | 6 | <5 | <20 | 196 | <10 | <10 | <0.01 | | | 23 | <20 | 9 | 282 | 2 |
| 68 | 2930 | 0.08 | 16 | 71 | | 5 | 0.006 | 0.01 | 1.1 | <5 | 7 | <20 | 77 | <10 | <10 | 0.247 | | | 188 | <20 | 8 | 94 | <1 |
| 69 | 2926 | 0.03 | 5 | 141 | | 5 | 0.009 | 0.01 | <0.01 | <5 | 10 | <20 | 72 | <10 | <10 | 0.106 | | | 107 | <20 | 8 | 77 | 4 |
| 70 | 10402 | 0.03 | | 1185 | 720 | 5 | 0.004 | <0.005 | <0.01 | 16 | 4 | | 35 | | | 0.06 | <10 | <10 | 117 | <10 | | 55 | |
| 70 | 10404 | 0.05 | | 191 | 500 | 6 | 0.008 | 0.011 | <0.01 | 7 | 10 | | 42 | | | 0.15 | <10 | <10 | 348 | <10 | | 56 | |
| 70 | 10405 | 0.04 | | 155 | 550 | 3 | 0.018 | 0.03 | <0.01 | 5 | 14 | | 85 | | | 0.15 | <10 | <10 | 481 | <10 | | 45 | |
| 74 | 10406 | 0.04 | | 255 | 520 | 6 | <0.001 | <0.005 | <0.01 | 8 | 6 | | 38 | | | 0.1 | <10 | <10 | 187 | <10 | | 60 | |
| 76 | 10407 | 0.04 | | 55 | 510 | 5 | 0.013 | 1.555 | 0.07 | 4 | 4 | | 70 | | | 0.11 | <10 | <10 | 284 | <10 | | 73 | |
| 76 | 10408 | 0.08 | | 34 | 520 | 5 | 0.011 | 2.29 | 0.01 | <2 | 4 | | 32 | | | 0.16 | <10 | <10 | 186 | <10 | | 53 | |
| 77 | 10451 | 0.07 | | 41 | 590 | 9 | 0.006 | 0.09 | 0.02 | <2 | 5 | | 26 | | | 0.15 | <10 | 60 | 203 | <10 | | 66 | |
| 77 | 10452 | 0.08 | | 46 | 620 | 10 | 0.006 | 0.0055 | 0.02 | <2 | 6 | | 33 | | | 0.17 | <10 | 60 | 204 | <10 | | 70 | |

Table 5. Analytical results for stream sediment and pan concentrate samples prepared by partial digestion

| Map no. | Sample no. | Type | Au ppm | Ag ppm | Al pct | As ppm | B ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | Hg ppm | K pct | La ppm | Li ppm | Mg pct | Mn ppm | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 77 | 10453 | PC | 0.552 | <0.2 | 1.56 | 7 | <10 | 80 | 3 | 0.66 | <0.5 | 19 | 106 | 53 | 6.26 | <10 | 0.89 | 0.07 | <10 | | 1.12 | 581 | <1 |
| 77 | 10455 | PC | 1.02 | <0.2 | 1.66 | 7 | <10 | 90 | <2 | 0.72 | <0.5 | 17 | 86 | 57 | 5.06 | <10 | 0.35 | 0.09 | <10 | | 1.15 | 601 | <1 |
| 77 | 10456 | PC | 3.33 | <0.2 | 1.54 | 5 | <10 | 90 | 2 | 0.66 | <0.5 | 15 | 65 | 56 | 4.33 | <10 | 0.27 | 0.09 | <10 | | 1.09 | 518 | <1 |
| 78 | 10413 | PC | 10 | 0.2 | 1.5 | 6 | <10 | 130 | <2 | 0.74 | <0.5 | 13 | 84 | 26 | 3.83 | <10 | 0.34 | 0.11 | <10 | | 0.84 | 495 | <1 |
| 79 | 1036 | SS | 0.008 | <0.2 | 1.93 | 25 | | 92 | <5 | 0.64 | <0.2 | 15 | 50 | 37 | 4.26 | 3 | 0.162 | 0.08 | 7 | 12 | 0.73 | 464 | <1 |
| 80 | 1034 | SS | 0.002 | <0.2 | 1.37 | 6 | | 135 | <5 | 0.68 | <0.2 | 21 | 70 | 34 | 3.35 | <2 | 0.13 | 0.07 | 7 | 12 | 0.97 | 522 | <1 |
| 80 | 1035 | SS | 0.004 | <0.2 | 1.31 | 15 | | 169 | <5 | 1.69 | 0.3 | 16 | 51 | 27 | 4.16 | <2 | 0.094 | 0.1 | 10 | 10 | 1.05 | 599 | <1 |
| 81 | 1031 | SS | 0.001 | <0.2 | 1.56 | 9 | | 265 | <5 | 0.99 | <0.2 | 17 | 60 | 27 | 2.62 | <2 | 0.066 | 0.16 | 7 | 14 | 1 | 525 | <1 |
| 81 | 1032 | SS | 0.012 | <0.2 | 1.23 | 6 | | 148 | <5 | 1.7 | 0.2 | 14 | 26 | 21 | 3.28 | <2 | 0.092 | 0.09 | 10 | 8 | 0.89 | 611 | <1 |
| 81 | 1033 | SS | 0.001 | <0.2 | 1.4 | 5 | | 131 | <5 | 1.57 | 0.3 | 18 | 46 | 26 | 3.73 | <2 | 0.07 | 0.07 | 8 | 11 | 1.11 | 673 | <1 |
| 81 | 10419 | PC | 0.058 | <0.2 | 1.16 | 6 | <10 | 350 | 2 | 1.21 | 0.5 | 13 | 92 | 30 | 4.69 | <10 | 0.38 | 0.1 | <10 | | 0.84 | 358 | <1 |
| 82 | 10420 | PC | 0.014 | <0.2 | 1.22 | 6 | <10 | 100 | <2 | 0.7 | <0.5 | 11 | 70 | 27 | 3.5 | <10 | 0.1 | 0.09 | <10 | | 0.81 | 333 | <1 |
| 83 | 10500 | PC | 0.23 | 2.1 | 1.51 | 3 | <10 | 60 | <2 | 1.02 | <0.5 | 13 | 67 | 36 | 3.51 | <10 | 0.68 | 0.08 | <10 | | 1.15 | 358 | <1 |
| 84 | 10119 | PC | 0.019 | <0.2 | 1.43 | 10 | <10 | 70 | <2 | 0.78 | <0.5 | 13 | 76 | 32 | 3.54 | <10 | 0.05 | 0.07 | <10 | | 0.94 | 438 | <1 |
| 84 | 10206 | PC | 0.007 | <0.2 | 1.43 | 8 | <10 | 70 | <2 | 0.76 | <0.5 | 12 | 63 | 28 | 3.1 | <10 | 0.06 | 0.08 | <10 | | 0.95 | 364 | <1 |
| 84 | 10501 | PC | 5.01 | <0.2 | 1.17 | 6 | <10 | 40 | <2 | 0.9 | 1 | 26 | 128 | 24 | 11.3 | <10 | 0.24 | 0.05 | <10 | | 0.73 | 443 | <1 |
| 85 | 2654 | SS | 0.138 | <0.2 | 1.22 | <5 | | 68 | <5 | 0.83 | 0.2 | 15 | 58 | 31 | 4.19 | <2 | 0.03 | 0.06 | 4 | 7 | 1.02 | 366 | <1 |
| 86 | 2655 | SS | 0.002 | <0.2 | 1.37 | 9 | | 139 | <5 | 0.81 | <0.2 | 15 | 46 | 24 | 3.62 | <2 | 0.085 | 0.09 | 8 | 9 | 0.92 | 515 | <1 |
| 86 | 10113 | PC | 0.104 | <0.2 | 1.15 | 5 | <10 | 80 | 4 | 0.64 | <0.5 | 12 | 113 | 37 | 6.34 | <10 | 0.15 | 0.07 | <10 | | 0.89 | 468 | <1 |
| 87 | 10114 | PC | 0.052 | 0.2 | 1.58 | 8 | <10 | 210 | 10 | 1.01 | <0.5 | 12 | 91 | 30 | 3.5 | <10 | 0.16 | 0.14 | <10 | | 0.93 | 397 | <1 |
| 88 | 10115 | PC | 0.055 | <0.2 | 1.43 | 2 | <10 | 80 | 7 | 0.62 | <0.5 | 13 | 62 | 44 | 2.94 | <10 | 0.07 | 0.08 | <10 | | 1.03 | 359 | <1 |
| 88 | 10116 | PC | 0.002 | <0.2 | 1.58 | 6 | <10 | 180 | <2 | 0.74 | <0.5 | 16 | 84 | 50 | 4.57 | <10 | 0.2 | 0.09 | <10 | | 1.03 | 357 | <1 |
| 89 | 1030 | SS | 0.003 | <0.2 | 1.36 | <5 | | 117 | <5 | 0.64 | 0.3 | 32 | 127 | 66 | 6.57 | <2 | 1.336 | 0.08 | 3 | 8 | 2.95 | 538 | <1 |
| 90 | 10505 | PC | 0.774 | <0.2 | 1.54 | 9 | <10 | 100 | <2 | 0.93 | <0.5 | 19 | 92 | 43 | 4.26 | <10 | 1.17 | 0.1 | <10 | | 1.25 | 470 | <1 |
| 91 | 10448 | PC | 0.039 | <0.2 | 1.54 | 8 | <10 | 100 | <2 | 0.96 | <0.5 | 20 | 110 | 37 | 5.36 | <10 | 0.35 | 0.1 | <10 | | 1.36 | 409 | <1 |
| 92 | 10447 | PC | 0.34 | <0.2 | 1.51 | 3 | <10 | 100 | <2 | 1.18 | <0.5 | 18 | 77 | 87 | 5.73 | <10 | 0.1 | 0.08 | <10 | | 1.17 | 350 | <1 |
| 93 | 10449 | PC | 0.026 | <0.2 | 1.32 | 4 | <10 | 120 | 4 | 1.66 | <0.5 | 17 | 75 | 87 | 6.2 | <10 | 0.36 | 0.11 | <10 | | 0.78 | 350 | <1 |
| 94 | 1029 | SS | 0.017 | <0.2 | 1.97 | 59 | | 131 | <5 | 1.76 | <0.2 | 48 | 47 | 158 | 5.78 | <2 | 0.093 | 0.22 | 4 | 6 | 1.51 | 865 | 3 |
| 95 | 2657 | SS | 0.003 | <0.2 | 1.74 | 6 | | 136 | <5 | 0.88 | <0.2 | 25 | 37 | 126 | 4.09 | <2 | 0.157 | 0.04 | 2 | 5 | 1.6 | 656 | <1 |
| 96 | 2656 | SS | 0.006 | <0.2 | 1.46 | <5 | | 119 | <5 | 1.39 | 0.3 | 17 | 46 | 74 | 3.59 | <2 | 0.271 | 0.08 | 2 | 5 | 1.19 | 381 | <1 |
| 97 | 10518 | PC | 0.662 | <0.2 | 1.41 | 46 | <10 | 140 | 2 | 0.71 | <0.5 | 16 | 106 | 50 | 3.16 | <10 | 0.16 | 0.12 | <10 | | 1.21 | 555 | 2 |
| 98 | 10417 | PC | 1.595 | <0.2 | 1.42 | 6 | <10 | 60 | <2 | 0.59 | <0.5 | 14 | 94 | 32 | 2.58 | <10 | 0.02 | 0.06 | <10 | | 1.25 | 408 | <1 |
| 99 | 10416 | PC | 0.985 | <0.2 | 1.45 | 6 | <10 | 60 | 2 | 0.64 | <0.5 | 14 | 116 | 29 | 2.54 | <10 | 0.02 | 0.06 | <10 | | 1.17 | 427 | <1 |
| 100 | 10314 | PC | 0.006 | 0.3 | 1.05 | 5 | <10 | 120 | <2 | 0.73 | <0.5 | 15 | 82 | 464 | 1.94 | <10 | 0.03 | <0.01 | <10 | | 1 | 313 | <1 |
| 101 | 2653 | SS | 0.002 | <0.2 | 1.6 | 19 | | 92 | <5 | 0.87 | <0.2 | 19 | 58 | 59 | 3.68 | <2 | 0.063 | 0.07 | 4 | 11 | 1.15 | 1041 | <1 |
| 102 | 2652 | SS | 0.007 | <0.2 | 2.02 | 9 | | 99 | <5 | 0.97 | <0.2 | 22 | 60 | 47 | 3.41 | 2 | 0.056 | 0.04 | 4 | 10 | 1.11 | 622 | <1 |
| 103 | 2651 | SS | 0.003 | <0.2 | 2.1 | <5 | | 67 | <5 | 0.42 | <0.2 | 19 | 39 | 34 | 3.26 | 3 | 0.08 | 0.1 | 5 | 10 | 0.77 | 623 | <1 |
| 104 | 2650 | SS | 0.006 | <0.2 | 1.36 | 18 | | 131 | <5 | 0.64 | <0.2 | 14 | 44 | 49 | 3.01 | <2 | 0.079 | 0.3 | 5 | 22 | 0.91 | 444 | <1 |

Table 5. Analytical results for stream sediment and pan concentrate samples prepared by partial digestion

| Map no. | Sample no. | Na pct | Nb ppm | Ni ppm | P ppm | Pb ppm | Pd ppm | Pt ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | Tl ppm | U ppm | V ppm | W ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 77 | 10453 | 0.05 | | 46 | 590 | 12 | 0.005 | 0.0266 | 0.02 | <2 | 5 | | 22 | | | 0.15 | <10 | 80 | 228 | <10 | | 68 | |
| 77 | 10455 | 0.05 | | 43 | 640 | 12 | 0.004 | 0.0035 | 0.02 | <2 | 5 | | 27 | | | 0.13 | <10 | 30 | 165 | <10 | | 75 | |
| 77 | 10456 | 0.05 | | 35 | 590 | 7 | 0.004 | 0.0079 | 0.01 | <2 | 5 | | 24 | | | 0.16 | <10 | 20 | 150 | <10 | | 61 | |
| 78 | 10413 | 0.09 | | 26 | 560 | 4 | 0.005 | 0.043 | 0.01 | <2 | 3 | | 33 | | | 0.13 | <10 | <10 | 136 | <10 | | 50 | |
| 79 | 1036 | 0.03 | 5 | 31 | | 6 | 0.003 | <0.005 | 0.01 | <5 | 5 | <20 | 47 | <10 | <10 | 0.077 | | | 123 | <20 | 6 | 55 | 6 |
| 80 | 1034 | 0.04 | 3 | 85 | | 5 | 0.003 | <0.005 | 0.03 | <5 | 5 | <20 | 51 | <10 | <10 | 0.055 | | | 67 | <20 | 6 | 61 | 6 |
| 80 | 1035 | 0.07 | 2 | 26 | | 5 | 0.003 | <0.005 | 0.05 | <5 | 7 | <20 | 62 | <10 | <10 | 0.046 | | | 80 | <20 | 9 | 67 | 8 |
| 81 | 1031 | 0.12 | 2 | 54 | | 5 | 0.002 | <0.005 | 0.03 | <5 | 6 | <20 | 110 | <10 | <10 | 0.059 | | | 49 | <20 | 10 | 50 | 10 |
| 81 | 1032 | 0.07 | 1 | 19 | | 20 | 0.002 | <0.005 | 0.06 | <5 | 6 | <20 | 81 | <10 | <10 | 0.02 | | | 31 | <20 | 11 | 79 | 7 |
| 81 | 1033 | 0.08 | 2 | 31 | | 5 | 0.002 | <0.005 | 0.06 | <5 | 7 | <20 | 73 | <10 | <10 | 0.056 | | | 46 | <20 | 10 | 70 | 9 |
| 81 | 10419 | 0.06 | | 30 | 550 | 4 | 0.003 | <0.005 | 0.03 | 3 | 4 | | 34 | | | 0.07 | <10 | <10 | 166 | <10 | | 45 | |
| 82 | 10420 | 0.08 | | 26 | 540 | <2 | 0.004 | <0.005 | 0.01 | <2 | 4 | | 33 | | | 0.07 | <10 | <10 | 113 | <10 | | 41 | |
| 83 | 10500 | 0.08 | | 53 | 580 | 5 | 0.003 | 0.0028 | 0.01 | <2 | 4 | | 47 | | | 0.18 | <10 | 20 | 130 | <10 | | 40 | |
| 84 | 10119 | 0.08 | | 38 | 620 | <2 | 0.003 | <0.005 | 0.01 | <2 | 3 | | 37 | | | 0.11 | <10 | <10 | 129 | <10 | | 41 | |
| 84 | 10206 | 0.07 | | 40 | 610 | 2 | 0.008 | <0.005 | <0.01 | 2 | 3 | | 36 | | | 0.11 | <10 | <10 | 107 | <10 | | 43 | |
| 84 | 10501 | 0.06 | | 52 | 560 | 8 | 0.008 | 0.0076 | <0.01 | <2 | 3 | | 23 | | | 0.22 | <10 | 270 | 563 | 10 | | 36 | |
| 85 | 2654 | 0.04 | 4 | 59 | | 6 | 0.003 | <0.005 | 0.02 | <5 | <5 | <20 | 45 | <10 | <10 | 0.122 | | | 153 | <20 | 5 | 47 | 5 |
| 86 | 2655 | 0.07 | 3 | 29 | | 4 | 0.003 | <0.005 | 0.02 | <5 | 6 | <20 | 55 | <10 | <10 | 0.065 | | | 75 | <20 | 8 | 59 | 7 |
| 86 | 10113 | 0.07 | | 43 | 590 | 2 | 0.004 | <0.005 | 0.01 | <2 | 4 | | 26 | | | 0.08 | <10 | <10 | 263 | <10 | | 36 | |
| 87 | 10114 | 0.16 | | 38 | 510 | 3 | 0.004 | <0.005 | 0.01 | 5 | 5 | | 50 | | | 0.12 | <10 | <10 | 123 | <10 | | 36 | |
| 88 | 10115 | 0.07 | | 59 | 510 | 2 | 0.004 | <0.005 | 0.01 | <2 | 4 | | 30 | | | 0.09 | <10 | <10 | 97 | <10 | | 36 | |
| 88 | 10116 | 0.08 | | 54 | 630 | 5 | 0.005 | <0.005 | <0.01 | 2 | 4 | | 34 | | | 0.12 | <10 | <10 | 190 | <10 | | 43 | |
| 89 | 1030 | 0.04 | 4 | 257 | | 3 | 0.005 | 0.007 | 0.01 | <5 | <5 | <20 | 39 | <10 | <10 | 0.095 | | | 238 | <20 | 5 | 55 | 5 |
| 90 | 10505 | 0.07 | | 101 | 500 | 6 | 0.004 | 0.0038 | 0.01 | <2 | 5 | | 38 | | | 0.13 | <10 | 40 | 149 | <10 | | 48 | |
| 91 | 10448 | 0.07 | | 94 | 460 | 7 | 0.004 | 0.0043 | 0.03 | <2 | 5 | | 30 | | | 0.13 | <10 | 60 | 213 | <10 | | 46 | |
| 92 | 10447 | 0.08 | | 59 | 510 | 8 | 0.07 | 0.0046 | 0.11 | <2 | 5 | | 46 | | | 0.14 | <10 | 80 | 255 | <10 | | 33 | |
| 93 | 10449 | 0.09 | | 23 | 710 | 9 | 0.004 | 0.0029 | 0.54 | <2 | 5 | | 58 | | | 0.09 | <10 | 70 | 244 | <10 | | 47 | |
| 94 | 1029 | 0.16 | 3 | 92 | | 3 | 0.005 | 0.005 | 1.31 | <5 | 8 | <20 | 117 | <10 | <10 | 0.096 | | | 87 | <20 | 8 | 59 | 5 |
| 95 | 2657 | 0.02 | 3 | 67 | | 3 | 0.005 | <0.005 | 0.27 | <5 | 6 | <20 | 53 | <10 | <10 | 0.127 | | | 89 | <20 | 7 | 64 | 4 |
| 96 | 2656 | 0.06 | 3 | 51 | | 2 | 0.005 | <0.005 | 0.22 | <5 | <5 | <20 | 55 | <10 | <10 | 0.094 | | | 105 | <20 | 5 | 48 | 3 |
| 97 | 10518 | 0.05 | | 81 | 890 | 3 | 0.004 | <0.005 | 0.33 | 2 | 3 | | 33 | | | 0.07 | <10 | <10 | 44 | <10 | | 61 | |
| 98 | 10417 | 0.05 | | 81 | 470 | <2 | 0.003 | <0.005 | <0.01 | <2 | 3 | | 22 | | | 0.11 | <10 | <10 | 64 | <10 | | 42 | |
| 99 | 10416 | 0.06 | | 83 | 450 | 2 | 0.004 | 0.005 | <0.01 | <2 | 3 | | 25 | | | 0.11 | <10 | <10 | 62 | <10 | | 39 | |
| 100 | 10314 | 0.03 | | 159 | 550 | 4 | 0.014 | 0.01 | 0.03 | 4 | 1 | <5 | 13 | | | 0.12 | <10 | <10 | 51 | <10 | | 32 | |
| 101 | 2653 | 0.05 | 4 | 62 | | 8 | 0.004 | <0.005 | 0.04 | <5 | <5 | <20 | 40 | <10 | <10 | 0.157 | | | 114 | <20 | 6 | 63 | 3 |
| 102 | 2652 | 0.03 | 4 | 48 | | 6 | 0.008 | <0.005 | 0.02 | <5 | 5 | <20 | 39 | <10 | <10 | 0.266 | | | 116 | <20 | 6 | 71 | 6 |
| 103 | 2651 | 0.02 | 4 | 35 | | 7 | 0.003 | <0.005 | 0.03 | <5 | <5 | <20 | 27 | <10 | <10 | 0.168 | | | 80 | <20 | 5 | 64 | 3 |
| 104 | 2650 | 0.02 | 2 | 34 | | <2 | 0.002 | 0.005 | 0.13 | <5 | <5 | <20 | 26 | <10 | <10 | 0.072 | | | 54 | <20 | 7 | 85 | 2 |

## ANALYTICAL RESULTS FOR STREAM SEDIMENT AND PAN CONCENTRATE SAMPLES – TOTAL DIGESTION

The map numbers in table 6 correspond to the numbered locations on **plate 2**.

Table 6. Analytical results for stream sediment and pan concentrate samples prepared with total digestion

| Map no. | Sample no. | Type | Ag ppm | Al pct | As ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | K pct | La ppm | Li ppm | Mg pct | Mn ppm | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 2658 | SS | <0.5 | 6.19 | 21 | 491 | <5 | 3.29 | <1 | 32 | 118 | 57 | 4.7 | <10 | 1.12 | 41 | 22 | 1.6 | 850 | 6 |
| 9 | 2678 | SS | <0.5 | 7.66 | 63 | 597 | 6 | 1.35 | <1 | 35 | 87 | 46 | 5.16 | <10 | 1.45 | 37 | 48 | 1.38 | 1054 | 3 |
| 10 | 2663 | SS | <0.5 | 6.82 | 69 | 583 | <5 | 2.21 | <1 | 30 | 94 | 62 | 4.73 | <10 | 0.98 | 15 | 28 | 1.23 | 784 | 5 |
| 10 | 2664 | SS | <0.5 | 6.73 | 118 | 444 | <5 | 3.84 | <1 | 42 | 261 | 82 | 5.69 | <10 | 0.76 | 20 | 25 | 1.86 | 977 | 4 |
| 11 | 2665 | SS | <0.5 | 7.58 | 77 | 615 | <5 | 4.18 | <1 | 32 | 45 | 73 | 5.68 | <10 | 0.65 | 7 | 26 | 1.55 | 987 | 5 |
| 12 | 2666 | SS | <0.5 | 6.8 | 84 | 1375 | <5 | 2.93 | 1 | 29 | 62 | 72 | 5.69 | <10 | 1.49 | 15 | 27 | 1.26 | 777 | 13 |
| 13 | 2667 | SS | <0.5 | 5.73 | 80 | 1165 | <5 | 2.08 | <1 | 23 | 341 | 70 | 4.6 | <10 | 1.3 | 11 | 30 | 1.68 | 799 | 6 |
| 14 | 2668 | SS | <0.5 | 6.82 | 82 | 897 | <5 | 1.99 | <1 | 42 | 89 | 89 | 7.37 | <10 | 1.02 | 8 | 32 | 1.55 | 1304 | 7 |
| 18 | 2669 | SS | <0.5 | 6.81 | 50 | 553 | <5 | 1.38 | <1 | 25 | 202 | 43 | 3.86 | <10 | 1.62 | 46 | 16 | 1.49 | 820 | 3 |
| 19 | 2670 | SS | <0.5 | 6.85 | 79 | 531 | <5 | 2.8 | <1 | 40 | 1856 | 96 | 5.37 | <10 | 1.03 | 10 | 17 | 2.22 | 1252 | 4 |
| 20 | 2673 | SS | <0.5 | 6.82 | 33 | 756 | <5 | 2.52 | <1 | 38 | 828 | 73 | 5.25 | <10 | 1.15 | 14 | 14 | 2.88 | 1099 | 4 |
| 20 | 2674 | SS | <0.5 | 7.26 | 46 | 671 | <5 | 3.07 | <1 | 38 | 1244 | 84 | 5.65 | <10 | 0.98 | 16 | 14 | 2.89 | 1089 | 4 |
| 21 | 2671 | SS | <0.5 | 7.03 | 26 | 717 | <5 | 3.29 | <1 | 37 | 246 | 227 | 7.66 | <10 | 1.38 | 11 | 14 | 2.74 | 1600 | 6 |
| 22 | 2672 | SS | <0.5 | 7.55 | 15 | 863 | <5 | 2.22 | <1 | 45 | 218 | 224 | 6.05 | <10 | 1.1 | 15 | 12 | 2.46 | 1276 | 11 |
| 23 | 2675 | SS | <0.5 | 7.93 | 20 | 709 | <5 | 1.99 | <1 | 33 | 192 | 101 | 5.04 | <10 | 1.29 | 11 | 17 | 2.01 | 910 | 4 |
| 24 | 2676 | SS | <0.5 | 7.54 | 16 | 883 | <5 | 2.75 | <1 | 42 | 368 | 92 | 5.58 | <10 | 1.49 | 11 | 16 | 3.05 | 1495 | 3 |
| 25 | 2677 | SS | <0.5 | 7.08 | 48 | 1373 | <5 | 3.4 | 6.4 | 35 | 38 | 96 | 5.37 | 12 | 1.41 | 20 | 33 | 0.63 | 926 | 11 |
| 28 | 2679 | SS | <0.5 | 5.54 | 20 | 187 | 7 | 6.51 | <1 | 94 | 1617 | 203 | 8.82 | <10 | 0.29 | 8 | 9 | 7.85 | 1299 | 4 |
| 34 | 1026 | SS | <0.5 | 6.53 | 7 | 125 | 9 | 5.44 | <1 | 78 | 562 | 157 | 7.99 | <10 | 0.28 | 7 | 12 | 5.9 | 1141 | 5 |
| 34 | 1027 | SS | <0.5 | 6.38 | 35 | 246 | 11 | 5.2 | <1 | 77 | 657 | 138 | 7.86 | <10 | 0.42 | 9 | 13 | 5.94 | 1310 | 6 |
| 34 | 1028 | SS | <0.5 | 6.51 | <5 | 186 | 12 | 5.95 | <1 | 68 | 559 | 117 | 7.67 | <10 | 0.35 | 6 | 10 | 5.72 | 1212 | 5 |
| 35 | 1025 | SS | <0.5 | 8.12 | 17 | 403 | <5 | 2.69 | <1 | 120 | 79 | 550 | 5.88 | <10 | 0.61 | 9 | 18 | 2.18 | 2243 | 4 |
| 39 | 2878 | SS | <0.5 | 6.48 | 26 | 343 | <5 | 4.61 | <1 | 27 | 80 | 46 | 5.32 | <10 | 1.25 | 17 | 28 | 1.6 | 474 | 4 |
| 39 | 2879 | SS | <0.5 | 7.21 | 22 | 524 | <5 | 4.26 | <1 | 38 | 101 | 66 | 6.25 | <10 | 1.26 | 16 | 30 | 2.07 | 987 | 5 |
| 40 | 2880 | SS | <0.5 | 6.03 | 8 | 163 | 7 | 4.98 | <1 | 65 | 999 | 123 | 7.54 | <10 | 0.43 | <5 | 12 | 6.42 | 1103 | 6 |
| 40 | 2881 | SS | <0.5 | 6.12 | 15 | 218 | <5 | 4.69 | <1 | 56 | 710 | 68 | 7.11 | <10 | 0.63 | 9 | 17 | 5.05 | 1018 | 4 |
| 44 | 2883 | SS | <0.5 | 3.65 | 15 | 249 | <5 | 2.21 | <1 | 116 | 6176 | 163 | 8.93 | <10 | 0.3 | <5 | 7 | 10 | 1409 | 3 |
| 45 | 2884 | SS | <0.5 | 6.44 | 8 | 338 | <5 | 5.68 | <1 | 59 | 274 | 171 | 10 | <10 | 0.6 | <5 | 12 | 3.66 | 1353 | 3 |
| 45 | 2885 | SS | <0.5 | 7.13 | 16 | 422 | <5 | 7 | <1 | 43 | 352 | 90 | 6.76 | <10 | 0.6 | 6 | 13 | 3.24 | 1417 | 5 |
| 50 | 2882 | SS | <0.5 | 6.64 | 6 | 395 | <5 | 3.52 | <1 | 42 | 909 | 36 | 6.12 | <10 | 0.76 | 19 | 17 | 3.27 | 1229 | 4 |
| 51 | 2887 | SS | <0.5 | 8.32 | <5 | 302 | <5 | 5.23 | <1 | 32 | 45 | 97 | 6.21 | <10 | 0.39 | 5 | 6 | 1.69 | 1166 | 5 |
| 53 | 1038 | SS | <0.5 | 5.24 | 6 | 496 | 7 | 10 | <1 | 20 | 29 | 54 | 3.4 | <10 | 1.35 | 10 | 23 | 3.63 | 921 | 6 |
| 54 | 1037 | SS | <0.5 | 7.5 | 14 | 633 | <5 | 2.99 | <1 | 28 | 269 | 50 | 4.09 | 10 | 1.65 | 15 | 29 | 1.33 | 894 | 4 |
| 55 | 1039 | SS | <0.5 | 6.56 | 118 | 501 | <5 | 2.49 | <1 | 23 | 66 | 32 | 3.47 | <10 | 1.41 | 18 | 63 | 0.84 | 538 | 4 |
| 56 | 1040 | SS | <0.5 | 8.68 | 18 | 639 | 8 | 2.56 | <1 | 33 | 127 | 42 | 5.35 | 10 | 1.51 | 16 | 32 | 1.53 | 723 | 3 |
| 56 | 1041 | SS | <0.5 | 6.21 | 6 | 213 | 13 | 7.7 | <1 | 57 | 159 | 78 | 9.4 | <10 | 0.46 | <5 | 21 | 4.65 | 1409 | 3 |
| 57 | 1042 | SS | <0.5 | 7.52 | 9 | 406 | 11 | 3.79 | <1 | 44 | 196 | 78 | 7.62 | <10 | 0.71 | 11 | 25 | 2.48 | 1145 | 4 |
| 58 | 2921 | SS | <0.5 | 3.75 | <5 | 132 | 11 | 8.33 | <1 | 84 | 175 | 26 | 10 | <10 | 0.31 | <5 | 9 | 4.98 | 1487 | <1 |
| 60 | 2925 | SS | <0.5 | 6.78 | 50 | 718 | <5 | 4.57 | <1 | 38 | 140 | 54 | 5.97 | <10 | 1 | 11 | 16 | 2.31 | 1219 | 6 |
| 62 | 2922 | SS | 2.9 | 6.37 | 1185 | 856 | 151 | 5.83 | <1 | 61 | 131 | 132 | 10 | <10 | 0.67 | <5 | 24 | 3.4 | 1336 | 4 |
| 63 | 2923 | SS | <0.5 | 6.96 | 37 | 170 | <5 | 5.44 | <1 | 51 | 98 | 65 | 7.89 | <10 | 0.44 | <5 | 17 | 3.05 | 1375 | 5 |
| 64 | 2924 | SS | 0.6 | 7.16 | 28 | 1086 | <5 | 2.98 | 1.6 | 32 | 70 | 63 | 5.32 | <10 | 1.35 | 23 | 26 | 1.86 | 1779 | 5 |
| 65 | 2927 | SS | 0.5 | 5.06 | 71 | 793 | <5 | 0.55 | 6.2 | 31 | 96 | 124 | 6.06 | <10 | 1.4 | 43 | 45 | 0.64 | 599 | 13 |
| 65 | 2928 | SS | 0.7 | 6.21 | 113 | 989 | <5 | 1.59 | 5.1 | 42 | 124 | 124 | 6.6 | <10 | 1.88 | 35 | 40 | 1.46 | 847 | 10 |
| 66 | 2929 | SS | <0.5 | 3.98 | 44 | >2000 | <5 | 3.55 | 2.6 | 22 | 85 | 82 | 3.5 | <10 | 1.31 | 25 | 27 | 1.27 | 822 | 10 |
| 68 | 2930 | PC | 1.2 | 6.74 | 30 | 1030 | <5 | 4.91 | 1.4 | 54 | 526 | 89 | 8.92 | <10 | 0.73 | 19 | 20 | 2.59 | 1240 | 3 |
| 69 | 2926 | SS | <0.5 | 6.81 | 18 | 370 | <5 | 4.14 | <1 | 42 | 397 | 53 | 6.68 | <10 | 0.64 | 19 | 47 | 2.24 | 1317 | 5 |

Table 6. Analytical results for stream sediment and pan concentrate samples prepared with total digestion

| Map no. | Sample no. | Na pct | Nb ppm | Ni ppm | Pb ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | V ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 2658 | 1.34 | 17 | 54 | 23 | 0.569 | 6 | 15 | <20 | 225 | <5 | <25 | 0.56 | 134 | 12 | 100 | 22 |
| 9 | 2678 | 1.71 | 24 | 51 | 13 | 0.026 | <5 | 13 | <20 | 257 | <5 | <25 | 0.92 | 160 | 18 | 125 | 6 |
| 10 | 2663 | 1.92 | 14 | 52 | 6 | 0.268 | 6 | 19 | <20 | 268 | <5 | <25 | 0.58 | 166 | 20 | 124 | 16 |
| 10 | 2664 | 1.62 | 17 | 67 | 8 | 0.654 | 10 | 21 | <20 | 260 | <5 | <25 | 0.74 | 169 | 20 | 94 | 28 |
| 11 | 2665 | 1.56 | 14 | 33 | 13 | 0.065 | 14 | 21 | <20 | 227 | <5 | <25 | 0.54 | 184 | 15 | 99 | 22 |
| 12 | 2666 | 1.39 | 15 | 54 | 14 | 1.055 | 15 | 20 | <20 | 227 | <5 | <25 | 0.52 | 197 | 22 | 219 | 75 |
| 13 | 2667 | 0.94 | 10 | 79 | 8 | 0.428 | 17 | 15 | <20 | 143 | <5 | <25 | 0.41 | 173 | 20 | 202 | 74 |
| 14 | 2668 | 1.47 | 14 | 60 | 11 | 0.055 | 13 | 22 | <20 | 202 | <5 | <25 | 0.5 | 214 | 24 | 166 | 50 |
| 18 | 2669 | 2.49 | 23 | 111 | 15 | 0.058 | 7 | 9 | <20 | 163 | <5 | <25 | 0.34 | 95 | 17 | 66 | 78 |
| 19 | 2670 | 2.04 | 13 | 256 | 8 | 0.043 | 9 | 16 | <20 | 267 | <5 | <25 | 0.47 | 146 | 17 | 107 | 36 |
| 20 | 2673 | 1.88 | 13 | 233 | 9 | 0.029 | 10 | 13 | <20 | 226 | <5 | <25 | 0.42 | 119 | 17 | 92 | 43 |
| 20 | 2674 | 1.95 | 16 | 183 | 10 | 0.06 | 11 | 16 | <20 | 256 | <5 | <25 | 0.38 | 127 | 17 | 98 | 40 |
| 21 | 2671 | 1.78 | 15 | 84 | 7 | 0.079 | 11 | 21 | <20 | 482 | <5 | <25 | 0.46 | 236 | 18 | 115 | 34 |
| 22 | 2672 | 1.76 | 16 | 89 | 10 | 0.06 | 9 | 16 | <20 | 267 | <5 | <25 | 0.37 | 139 | 19 | 74 | 45 |
| 23 | 2675 | 1.1 | 15 | 61 | 19 | 0.033 | 8 | 20 | <20 | 198 | <5 | <25 | 0.49 | 155 | 17 | 146 | 48 |
| 24 | 2676 | 1.47 | 12 | 173 | 12 | 0.089 | 7 | 17 | <20 | 197 | <5 | <25 | 0.41 | 147 | 17 | 131 | 41 |
| 25 | 2677 | 1.38 | 17 | 65 | 12 | 0.224 | 11 | 16 | <20 | 358 | <5 | <25 | 0.51 | 233 | 35 | 593 | 42 |
| 28 | 2679 | 1.07 | 16 | 637 | <2 | 0.053 | 9 | 20 | <20 | 287 | <5 | <25 | 0.65 | 211 | 13 | 104 | 44 |
| 34 | 1026 | 1.41 | 19 | 390 | <2 | 0.152 | 12 | 25 | <20 | 229 | <5 | <25 | 0.78 | 231 | 15 | 69 | 41 |
| 34 | 1027 | 1.25 | 18 | 402 | <2 | 0.146 | 10 | 23 | <20 | 222 | <5 | <25 | 0.86 | 229 | 18 | 175 | 44 |
| 34 | 1028 | 1.23 | 16 | 321 | <2 | 0.052 | 10 | 25 | <20 | 208 | <5 | <25 | 0.83 | 239 | 16 | 80 | 38 |
| 35 | 1025 | 2.29 | 12 | 58 | 18 | 0.059 | 13 | 24 | <20 | 222 | <5 | <25 | 0.52 | 191 | 56 | 169 | 27 |
| 39 | 2878 | 1.26 | 13 | 64 | 14 | 0.276 | 8 | 14 | <20 | 494 | <5 | <25 | 0.36 | 124 | 16 | 155 | 63 |
| 39 | 2879 | 1.12 | 15 | 100 | 11 | 0.11 | 8 | 17 | <20 | 372 | <5 | <25 | 0.41 | 162 | 19 | 305 | 64 |
| 40 | 2880 | 1.27 | 17 | 453 | 3 | 0.041 | 6 | 22 | <20 | 193 | <5 | <25 | 0.72 | 213 | 14 | 96 | 48 |
| 40 | 2881 | 1.18 | 15 | 333 | 13 | 0.102 | 7 | 20 | <20 | 268 | <5 | <25 | 0.58 | 188 | 14 | 146 | 56 |
| 44 | 2883 | 0.65 | 9 | 1440 | 2 | 0.066 | 15 | 12 | <20 | 112 | 5 | <25 | 0.29 | 117 | 9 | 200 | 20 |
| 45 | 2884 | 1.4 | 17 | 98 | 6 | 0.225 | 7 | 39 | <20 | 290 | 6 | <25 | 0.74 | 485 | 20 | 128 | 27 |
| 45 | 2885 | 1.44 | 14 | 137 | <2 | 0.126 | 6 | 24 | <20 | 360 | <5 | <25 | 0.75 | 237 | 20 | 104 | 38 |
| 50 | 2882 | 1.53 | 17 | 226 | 5 | 0.027 | 9 | 20 | <20 | 312 | <5 | <25 | 0.64 | 203 | 19 | 96 | 30 |
| 51 | 2887 | 2.23 | 15 | 18 | 8 | 0.374 | 8 | 26 | <20 | 368 | <5 | <25 | 0.6 | 212 | 19 | 67 | 30 |
| 53 | 1038 | 1.36 | 9 | 27 | 3 | 0.201 | 9 | 10 | <20 | 333 | <5 | <25 | 0.38 | 111 | 12 | 49 | 36 |
| 54 | 1037 | 1.82 | 14 | 41 | 12 | 0.022 | 8 | 15 | <20 | 437 | <5 | <25 | 0.51 | 158 | 15 | 74 | 30 |
| 55 | 1039 | 2.09 | 13 | 38 | 13 | 0.651 | 6 | 12 | <20 | 194 | <5 | <25 | 0.48 | 99 | 17 | 58 | 40 |
| 56 | 1040 | 1.25 | 19 | 46 | 9 | 0.065 | <5 | 17 | <20 | 356 | <5 | <25 | 0.81 | 205 | 17 | 103 | 59 |
| 56 | 1041 | 1.68 | 12 | 74 | 4 | 0.134 | 12 | 42 | <20 | 240 | <5 | <25 | 0.71 | 370 | 17 | 89 | 22 |
| 57 | 1042 | 1.52 | 16 | 85 | 7 | 0.033 | 10 | 25 | <20 | 276 | <5 | <25 | 0.68 | 324 | 18 | 106 | 35 |
| 58 | 2921 | 0.81 | 20 | 102 | <2 | 0.105 | 11 | 53 | <20 | 183 | 19 | <25 | 0.79 | 833 | 10 | 103 | 22 |
| 60 | 2925 | 1.7 | 14 | 44 | 7 | 0.223 | 8 | 23 | <20 | 286 | <5 | <25 | 0.62 | 223 | 18 | 96 | 42 |
| 62 | 2922 | 1.72 | 17 | 61 | 154 | 0.672 | 18 | 34 | <20 | 234 | 8 | <25 | 0.78 | 412 | 18 | 449 | 30 |
| 63 | 2923 | 1.77 | 13 | 50 | 7 | 0.066 | 14 | 31 | <20 | 141 | <5 | <25 | 0.72 | 262 | 21 | 117 | 33 |
| 64 | 2924 | 2.02 | 15 | 32 | 148 | 0.103 | 10 | 19 | <20 | 232 | <5 | <25 | 0.53 | 159 | 23 | 551 | 76 |
| 65 | 2927 | 0.71 | 18 | 103 | 17 | 2.894 | 16 | 12 | <20 | 183 | <5 | <25 | 0.39 | 285 | 12 | 630 | 47 |
| 65 | 2928 | 0.77 | 23 | 126 | 22 | 3.015 | 12 | 13 | <20 | 169 | <5 | <25 | 0.6 | 244 | 13 | 560 | 43 |
| 66 | 2929 | 0.44 | 13 | 66 | 10 | 0.724 | 13 | 9 | <20 | 186 | <5 | <25 | 0.38 | 151 | 13 | 253 | 40 |
| 68 | 2930 | 1.11 | 32 | 99 | <2 | 1.018 | <5 | 24 | <20 | 245 | <5 | <25 | 0.92 | 304 | 17 | 143 | 30 |
| 69 | 2926 | 1.54 | 15 | 145 | 9 | 0.026 | 7 | 27 | <20 | 278 | <5 | <25 | 0.7 | 235 | 19 | 93 | 21 |

Table 6. Analytical results for stream sediment and pan concentrate samples prepared with total digestion

| Map no. | Sample no. | Type | Ag ppm | Al pct | As ppm | Ba ppm | Bi ppm | Ca pct | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe pct | Ga ppm | K pct | La ppm | Li ppm | Mg pct | Mn ppm | Mo ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 79 | 1036 | SS | <0.5 | 7.97 | 29 | 583 | <5 | 3.39 | <1 | 30 | 201 | 37 | 6.43 | <10 | 1.4 | 14 | 22 | 1.68 | 972 | 5 |
| 80 | 1034 | SS | <0.5 | 7.03 | 9 | 616 | <5 | 3.3 | <1 | 39 | 1284 | 34 | 5.22 | <10 | 1.22 | 16 | 27 | 1.53 | 911 | 3 |
| 80 | 1035 | SS | <0.5 | 6.58 | 6 | 859 | <5 | 3.44 | <1 | 26 | 75 | 25 | 4.81 | <10 | 1.71 | 15 | 27 | 1.39 | 702 | 3 |
| 81 | 1031 | SS | <0.5 | 7.67 | 20 | 704 | 7 | 3.75 | <1 | 28 | 280 | 28 | 3.92 | <10 | 1.22 | 12 | 26 | 1.47 | 805 | 4 |
| 81 | 1032 | SS | <0.5 | 7.75 | 12 | 773 | 12 | 3.82 | <1 | 31 | 58 | 21 | 4.15 | 11 | 1.67 | 17 | 25 | 1.11 | 752 | 5 |
| 81 | 1033 | SS | <0.5 | 7.73 | 10 | 721 | 13 | 4.1 | <1 | 40 | 605 | 27 | 5.24 | <10 | 1.21 | 19 | 24 | 1.51 | 1105 | 4 |
| 85 | 2654 | SS | <0.5 | 7 | 10 | 434 | <5 | 4.28 | <1 | 33 | 401 | 27 | 6.49 | <10 | 0.85 | 13 | 14 | 2.22 | 1038 | 4 |
| 86 | 2655 | SS | <0.5 | 7.33 | 13 | 791 | <5 | 3.2 | <1 | 27 | 202 | 25 | 4.62 | <10 | 1.56 | 14 | 25 | 1.43 | 759 | 4 |
| 89 | 1030 | SS | <0.5 | 6.48 | 6 | 449 | 11 | 4.14 | <1 | 54 | 1649 | 61 | 9.31 | <10 | 0.68 | 7 | 14 | 4.01 | 1207 | 4 |
| 94 | 1029 | SS | <0.5 | 8 | 59 | 685 | <5 | 4.89 | <1 | 57 | 712 | 166 | 7.75 | <10 | 1.22 | 8 | 10 | 2.35 | 1276 | 6 |
| 95 | 2657 | SS | <0.5 | 8.17 | 9 | 650 | <5 | 4.98 | <1 | 36 | 578 | 115 | 6.5 | <10 | 0.46 | 7 | 8 | 1.98 | 1214 | 5 |
| 96 | 2656 | SS | <0.5 | 7.36 | 5 | 385 | <5 | 5.26 | <1 | 34 | 243 | 64 | 6.41 | <10 | 0.65 | 8 | 11 | 2.55 | 1117 | 6 |
| 101 | 2653 | SS | <0.5 | 6.34 | 22 | 408 | 10 | 3.69 | <1 | 34 | 299 | 58 | 5.44 | <10 | 0.67 | 9 | 17 | 2.12 | 1739 | 4 |
| 102 | 2652 | SS | <0.5 | 7 | 13 | 412 | 12 | 4.59 | <1 | 44 | 310 | 48 | 6.06 | <10 | 0.52 | 9 | 16 | 2.22 | 1243 | 4 |
| 103 | 2651 | SS | <0.5 | 6.38 | 6 | 432 | 6 | 2.49 | <1 | 31 | 142 | 33 | 4.72 | <10 | 0.94 | 15 | 19 | 1.52 | 1066 | 4 |
| 104 | 2650 | SS | <0.5 | 7.01 | 26 | 543 | <5 | 2.51 | <1 | 23 | 89 | 44 | 3.87 | <10 | 1.04 | 16 | 31 | 1.32 | 775 | 3 |

Table 6. Analytical results for stream sediment and pan concentrate samples prepared with total digestion

| Map no. | Sample no. | Na pct | Nb ppm | Ni ppm | Pb ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Ti pct | V ppm | Y ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 79 | 1036 | 1.8 | 15 | 42 | 7 | 0.027 | 8 | 17 | <20 | 435 | <5 | <25 | 0.6 | 226 | 16 | 86 | 45 |
| 80 | 1034 | 1.54 | 16 | 110 | 5 | 0.037 | 11 | 17 | <20 | 278 | <5 | <25 | 0.66 | 179 | 15 | 90 | 43 |
| 80 | 1035 | 1.66 | 14 | 31 | 9 | 0.057 | 9 | 12 | <20 | 235 | <5 | <25 | 0.5 | 133 | 14 | 78 | 61 |
| 81 | 1031 | 1.65 | 14 | 68 | 13 | 0.046 | 5 | 14 | <20 | 356 | <5 | <25 | 0.6 | 124 | 17 | 69 | 51 |
| 81 | 1032 | 1.67 | 15 | 29 | 11 | 0.071 | <5 | 12 | <20 | 290 | <5 | <25 | 0.87 | 93 | 16 | 98 | 79 |
| 81 | 1033 | 1.62 | 20 | 44 | 10 | 0.064 | 7 | 16 | <20 | 313 | <5 | <25 | 1.05 | 139 | 20 | 95 | 73 |
| 85 | 2654 | 1.99 | 17 | 73 | 10 | 0.038 | 6 | 18 | <20 | 388 | <5 | <25 | 0.69 | 253 | 17 | 75 | 37 |
| 86 | 2655 | 1.77 | 14 | 38 | 7 | 0.032 | 8 | 14 | <20 | 286 | <5 | <25 | 0.56 | 143 | 16 | 73 | 55 |
| 89 | 1030 | 1.55 | 17 | 266 | 8 | 0.029 | 8 | 21 | <20 | 292 | <5 | <25 | 0.75 | 350 | 16 | 103 | 38 |
| 94 | 1029 | 1.74 | 13 | 99 | <2 | 1.295 | 9 | 23 | <20 | 482 | <5 | <25 | 0.45 | 204 | 18 | 80 | 46 |
| 95 | 2657 | 2.06 | 12 | 73 | 8 | 0.294 | 9 | 26 | <20 | 371 | <5 | <25 | 0.62 | 214 | 20 | 75 | 30 |
| 96 | 2656 | 1.88 | 11 | 70 | <2 | 0.225 | 9 | 25 | <20 | 330 | <5 | <25 | 0.53 | 225 | 18 | 74 | 23 |
| 101 | 2653 | 1.72 | 14 | 76 | 14 | 0.061 | 5 | 17 | <20 | 297 | <5 | <25 | 0.74 | 202 | 16 | 92 | 43 |
| 102 | 2652 | 1.69 | 19 | 67 | 5 | 0.041 | 6 | 22 | <20 | 287 | <5 | <25 | 1.12 | 258 | 18 | 96 | 62 |
| 103 | 2651 | 1.85 | 18 | 48 | 11 | 0.039 | 6 | 16 | <20 | 270 | <5 | <25 | 0.67 | 163 | 16 | 87 | 50 |
| 104 | 2650 | 1.9 | 15 | 37 | 13 | 0.118 | 7 | 13 | <20 | 308 | <5 | <25 | 0.5 | 128 | 14 | 97 | 8 |

## SAMPLING AND ANALYTICAL PROCEDURES FOR USGS STREAM SEDIMENT SAMPLES

The USGS collected stream sediment samples from the active channels of streams. Sample material ranged in size from fine sand and silt to coarse sand and gravel (O'Leary and others, 1982).

Samples were prepared as described by O'Leary and others (1982). This included drying and sieving the samples to yield a minus-80-mesh fraction. These fractions have been stored as pulps at the USGS facilities in Denver, Colorado since their original analyses in the early 1980's (O'Leary and others, 1982). The USGS pulled the pulps from storage and shipped them to a laboratory under contract to the USGS for analysis

Gold, platinum, and palladium were determined in stream sediment samples by atomic absorption spectroscopy (AA) after collection by fire assay. An assay fusion consists of heating a mixture of the finely pulverized sample with a flux until the product is molten. One of the ingredients of the flux is a lead compound, which is reduced by other constituents of the flux or sample to metallic lead. The latter collects all the gold, together with silver, platinum metals, and small quantities of certain base metals present in the sample and falls to the bottom of the crucible to form a lead button. The gangue of the ore is converted by the flux into a slag sufficiently fluid so that all particles of lead may fall readily through the molten mass. The choice of a suitable flux depends on the character of the ore. The lead button is cupelled to oxidize the lead leaving behind a dore bead containing the precious metals. The dore bead is then transferred to a test tube, dissolved with aqua regia, diluted to a specific volume and the precious metal concentrations determined by AA.

The detection limits for elements analyzed by fire assay are 0.005 to 10 ppm.

The USGS contract laboratory analyzed 17 samples for the full suite of platinum group elements (PGE) using a nickel-sulfide (NiS) fusion fire assay preconcentration with an inductively coupled plasma-mass spectroscopy (ICP-MS) finish. A pulverized, 25-gram sample is fused with nickel, sulfur, and a borax-soda ash-silica flux to form a NiS button. The button is digested in concentrated hydrochloric acid, filtered, and digested again in nitric and hydrochloric acids. The resultant solution is then analyzed by ICP-MS.

The lower detection limits for samples analyzed by NiS fusion, ICP-MS are:

| Element | Lower Detection Limit |
|---|---|
| Rhodium Rh | 1 ppb |
| Rhenium Re | 1 ppb |
| Ruthenium Ru | 1 ppb |
| Iridium Ir | 0.1 ppb |
| Osmium Os | 3 ppb |
| Platinum Pt | 1 ppb |
| Palladium Pd | 1 ppb |

Forty major, minor, and trace elements were determined in stream sediment samples by inductively coupled plasma-atomic emission spectroscopy (ICP-AES). The sample was decomposed using a mixture of hydrochloric, nitric, perchloric, and hydrofluoric acids at low temperature. The digested sample was aspirated into the ICP-AES discharge where the elemental emission signal was measured simultaneously for the forty elements. Calibration was performed by standardizing with digested rock reference materials and a series of multi-element solution standards.

Detection limits for elements analyzed by ICP-AES:

| Element | Range | Element | Range |
|---|---|---|---|
| Aluminum, Al | 0.005 - 50% | Holmium, Ho | 4 - 5,000 ppm |
| Calcium, Ca | 0.005 - 50% | Lanthanum, La | 2 - 50,000 ppm |
| Iron, Fe | 0.02 - 25% | Lithium, Li | 2 - 50,000 ppm |
| Potassium, K | 0.01 - 50% | Manganese, Mn | 4 - 50,000 ppm |
| Magnesium, Mg | 0.005 - 5% | Molybdenum, Mo | 2 - 50,000 ppm |
| Sodium, Na | 0.005 - 50% | Niobium, Nb | 4 - 50,000 ppm |
| Phosphorous, P | 0.005 - 50% | Neodymium, Nd | 9 - 50,000 ppm |
| Titanium, Ti | 0.005 - 25% | Nickel, Ni | 3 - 50,000 ppm |
| Silver, Ag | 2 - 10,000 ppm | Lead, Pb | 4 - 50,000 ppm |
| Arsenic, As | 10 - 50,000 ppm | Scandium, Sc | 2 - 50,000 ppm |
| Barium, Ba | 1 - 35,000 ppm | Tin, Sn | 50 - 50,000 ppm |
| Beryllium, Be | 1 - 5,000 ppm | Strontium, Sr | 2 - 15,000 ppm |
| Bismuth, Bi | 50 - 50,000 ppm | Tantalum, Ta | 40 - 50,000 ppm |
| Cadmium, Cd | 2 - 25,000 ppm | Thorium, Th | 6 - 50,000 ppm |
| Cerium, Ce | 5 - 50,000 ppm | Uranium, U | 100 - 100,000 ppm |
| Cobalt, Co | 2 - 25,000 ppm | Vanadium, V | 2 - 30,000 ppm |
| Chromium, Cr | 2 - 25,000 ppm | Yttrium, Y | 2 - 25,000 ppm |
| Copper, Cu | 2 - 15,000 ppm | Ytterbium, Yb | 1 - 5,000 ppm |
| Europium, Eu | 2 - 5,000 ppm | Zinc, Zn | 2 - 15,000 ppm |
| Gallium, Ga | 4 - 50,000 ppm | | |

## ANALYTICAL RESULTS FOR USGS STREAM SEDIMENT SAMPLES

Sample locations corresponding to the map numbers in table 7 are shown on **plate 3**.

Table 7.  Analytical results for USGS stream sediment samples

| Map no. | Sample no. | Au_FA ppm | Ir ppb | Os ppb | Pd ppm | Pt ppm | Re ppb | Rh ppm | Ru ppb | Ag ppm | Al pct | As ppm | Ca pct | Fe pct | K pct | Mg pct | Na pct | P pct | Ti pct | Au ppm | Ba ppm | Be ppm | Bi ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MH476S | 0.028 | | | 0.009 | <0.05 | | | | <2 | 8.027 | 79 | 1.727 | 6.18 | 1.62 | 1.722 | 1.645 | 0.06 | 0.425 | <8 | 945 | 1 | <50 | 3 |
| 2 | MH478S | 0.056 | | | <0.005 | <0.05 | | | | <2 | 7.35 | 157 | 3.145 | 7.56 | 0.67 | 1.664 | 1.655 | 0.06 | 0.93 | <8 | 503 | 1 | <50 | <2 |
| 3 | MH479S | 0.036 | | | 0.012 | <0.05 | | | | <2 | 7.555 | 21 | 4.988 | 7.77 | 0.7 | 3.46 | 1.74 | 0.07 | 0.805 | <8 | 954 | 1 | <50 | <2 |
| 4 | MH480S | 0.036 | | | 0.046 | <0.05 | | | | <2 | 7.06 | <10 | 3.58 | 8.5 | 0.66 | 2.525 | 2.305 | 0.05 | 0.78 | <8 | 314 | 1 | <50 | <2 |
| 5 | MH481S | 0.026 | | | 0.078 | <0.05 | | | | <2 | 7.11 | 13 | 3.79 | 6.33 | 0.77 | 2.599 | 2.105 | 0.12 | 0.835 | <8 | 463 | 1 | <50 | 2 |
| 6 | MH671S | 2.09 | | | 0.042 | 0.08 | | | | <2 | 7.625 | 22 | 3.465 | 8.39 | 0.67 | 1.953 | 1.865 | 0.045 | 0.835 | <8 | 366 | 1 | <50 | <2 |
| 7 | MH672S | 0.165 | | | 0.073 | <0.05 | | | | <2 | 7.64 | 46 | 3.625 | 8.09 | 0.68 | 2.273 | 2.41 | 0.055 | 0.92 | <8 | 307 | 1 | <50 | <2 |
| 8 | MH670S | 0.046 | | | 0.048 | <0.05 | | | | <2 | 7.1 | 16 | 3.845 | 7.55 | 0.49 | 2.352 | 1.855 | 0.08 | 0.855 | <8 | 298 | 1 | <50 | <2 |
| 9 | MH669S | 0.1 | | | 0.063 | 0.09 | | | | <2 | 5.945 | 29 | 2.42 | 3.68 | 0.67 | 1.118 | 1.39 | 0.22 | 0.395 | <8 | 378 | <1 | <50 | <2 |
| 10 | MH668S | 0.151 | | | 0.147 | <0.05 | | | | <2 | 6.66 | <10 | 3.955 | 7.68 | 0.44 | 2.373 | 1.93 | 0.1 | 0.96 | <8 | 295 | 1 | <50 | <2 |
| 11 | MH673S | 0.069 | | | 0.056 | 0.09 | | | | <2 | 7.315 | <10 | 3.67 | 5.86 | 0.66 | 1.948 | 2.015 | 0.085 | 0.835 | <8 | 371 | 1 | <50 | <2 |
| 12 | MH667S | 0.052 | | | 0.036 | <0.05 | | | | <2 | 7.255 | 30 | 3.31 | 8.2 | 0.59 | 1.88 | 1.615 | 0.045 | 0.525 | <8 | 375 | 1 | <50 | <2 |
| 13 | MH666S | 0.022 | | | 0.026 | 0.09 | | | | <2 | 7.39 | 11 | 3.625 | 6.44 | 0.64 | 2.053 | 2.11 | 0.055 | 0.855 | <8 | 388 | 2 | <50 | <2 |
| 14 | MH665S | 0.065 | | | 0.052 | <0.05 | | | | <2 | 7.07 | <10 | 3.375 | 6 | 0.63 | 2.111 | 1.87 | 0.085 | 0.785 | <8 | 429 | 1 | <50 | <2 |
| 15 | MH222S | 0.014 | | | <0.005 | <0.05 | | | | <2 | 7.655 | 21 | 5.88 | 7.49 | 0.43 | 3.234 | 1.49 | 0.055 | 0.78 | <8 | 371 | 1 | <50 | <2 |
| 16 | MH224S | 0.019 | | | <0.005 | <0.05 | | | | <2 | 7.387 | 24 | 5.14 | 7.97 | 0.42 | 3.266 | 1.445 | 0.055 | 0.81 | <8 | 151 | 1 | <50 | <2 |
| 17 | MH225S | 0.067 | | | <0.005 | <0.05 | | | | <2 | 7.786 | <10 | 4.673 | 8.59 | 1.01 | 2.426 | 2.43 | 0.085 | 0.8 | <8 | 429 | 1 | <50 | <2 |
| 18 | MH226S | 0.199 | | | <0.005 | <0.05 | | | | <2 | 7.355 | 64 | 3.554 | 9.82 | 0.61 | 2 | 1.765 | 0.06 | 1.32 | <8 | 208 | 2 | <50 | <2 |
| 19 | MH228S | 0.019 | | | <0.005 | <0.05 | | | | <2 | 7.781 | <10 | 5.544 | 8.45 | 0.38 | 2.935 | 1.855 | 0.05 | 0.83 | <8 | 155 | 1 | <50 | <2 |
| 20 | MH227S | 0.023 | | | <0.005 | <0.05 | | | | <2 | 7.917 | 26 | 1.691 | 5.93 | 1.43 | 1.927 | 1.685 | 0.08 | 0.585 | <8 | 579 | 1 | <50 | <2 |
| 21 | MH229S | 0.019 | | | <0.005 | <0.05 | | | | <2 | 8.043 | 80 | 4.499 | 8.7 | 0.4 | 2.389 | 1.76 | 0.05 | 0.845 | <8 | 117 | 1 | <50 | <2 |
| 22 | MH230S | 0.023 | | | <0.005 | 0.41 | | | | <2 | 8.111 | 27 | 3.98 | 6.4 | 1.19 | 1.864 | 1.995 | 0.075 | 0.61 | <8 | 527 | 1 | <50 | <2 |
| 23 | MH675S | 1.33 | | | 0.036 | <0.05 | | | | <2 | 6.29 | 24 | 8.115 | 9.19 | 0.89 | 1.344 | 1.21 | 0.085 | 0.445 | <8 | 482 | <1 | <50 | 2 |
| 24 | MH674S | 0.085 | | | 0.073 | <0.05 | | | | <2 | 7.135 | 12 | 3.99 | 7.53 | 0.47 | 2.452 | 1.71 | 0.065 | 0.845 | <8 | 214 | 1 | <50 | <2 |
| 25 | MH209S | 0.019 | | | 0.015 | <0.05 | | | | <2 | 6.945 | 53 | 3.07 | 4.86 | 1.16 | 1.695 | 1.96 | 0.085 | 0.405 | <8 | 754 | 1 | <50 | <2 |
| 26 | MH210S | 0.025 | | | <0.005 | <0.05 | | | | <2 | 7.324 | 70 | 2.431 | 5.09 | 1.52 | 1.05 | 1.54 | 0.11 | 0.31 | <8 | 1290 | 1 | <50 | 3 |
| 27 | MH208S | 0.026 | | | 0.029 | <0.05 | | | | <2 | 7.77 | <10 | 6.55 | 7.94 | 0.33 | 3.185 | 1.645 | 0.05 | 0.8 | <8 | 207 | 1 | <50 | <2 |
| 28 | MH207S | 0.024 | | | 0.046 | <0.05 | | | | <2 | 7.515 | <10 | 6.46 | 9.29 | 0.31 | 2.82 | 1.59 | 0.05 | 0.34 | <8 | 160 | 1 | <50 | <2 |
| 29 | MH206S | 0.017 | | | 0.032 | <0.05 | | | | <2 | 7.26 | <10 | 7.45 | 9.17 | 0.16 | 3.18 | 1.275 | 0.035 | 0.78 | <8 | 84 | 1 | <50 | <2 |
| 30 | MH416S | 0.03 | | | 0.069 | <0.05 | | | | <2 | 7.09 | <10 | 5.525 | 7.6 | 0.69 | 2.741 | 1.615 | 0.05 | 0.995 | <8 | 152 | 1 | <50 | <2 |
| 31 | MH417S | 0.66 | | | 0.036 | <0.05 | | | | <2 | 7.5 | <10 | 5.375 | 9.16 | 0.28 | 3.318 | 1.76 | 0.045 | 0.92 | <8 | 132 | 1 | <50 | 3 |
| 32 | MH205S | 0.017 | | | 0.027 | <0.05 | | | | <2 | 7.405 | <10 | 4.905 | 7.5 | 0.44 | 2.51 | 1.865 | 0.06 | 0.74 | <8 | 266 | 1 | <50 | <2 |
| 33 | MH678S | 0.128 | | | 0.066 | 0.12 | | | | <2 | 7.34 | <10 | 5.595 | 9.28 | 0.3 | 3.082 | 2.11 | 0.05 | 0.635 | <8 | 134 | <1 | <50 | <2 |
| 34 | MH338S | 0.016 | | | <0.005 | <0.05 | | | | <2 | 6.778 | <10 | 3.848 | 5.22 | 0.48 | 1.654 | 1.67 | 0.08 | 0.7 | <8 | 286 | 1 | <50 | <2 |
| 35 | MH677S | 0.106 | | | 0.073 | <0.05 | | | | <2 | 6.71 | <10 | 5.325 | 10.11 | 0.57 | 2.662 | 1.77 | 0.06 | 0.87 | <8 | 303 | 1 | <50 | <2 |
| 36 | MH679S | 0.013 | | | 0.009 | <0.05 | | | | <2 | 7.005 | 10 | 4.375 | 6.56 | 0.64 | 2.237 | 1.84 | 0.095 | 0.835 | <8 | 368 | 1 | <50 | <2 |
| 37 | MH676S | 0.04 | | | 0.027 | <0.05 | | | | <2 | 7.045 | 25 | 3.215 | 5.01 | 0.79 | 1.68 | 1.985 | 0.08 | 0.595 | <8 | 447 | 1 | <50 | <2 |
| 38 | MH680S | 0.03 | | | 0.02 | <0.05 | | | | <2 | 6.51 | 12 | 3.105 | 4.4 | 0.65 | 1.57 | 1.77 | 0.065 | 0.58 | <8 | 427 | 1 | <50 | <2 |
| 39 | MH340S | 0.029 | | | 0.008 | <0.05 | | | | <2 | 7.618 | <10 | 3.113 | 4.73 | 0.55 | 1.575 | 1.41 | 0.115 | 0.795 | <8 | 364 | 1 | <50 | <2 |
| 40 | MH341S | 0.027 | | | <0.005 | <0.05 | | | | <2 | 7.644 | <10 | 3.696 | 5.8 | 0.59 | 1.853 | 1.545 | 0.095 | 0.83 | <8 | 381 | 1 | <50 | <2 |
| 41 | MH681S | 0.032 | | | 0.03 | <0.05 | | | | <2 | 7.25 | <10 | 2.765 | 4.57 | 0.75 | 1.36 | 1.87 | 0.095 | 0.685 | <8 | 421 | 1 | <50 | <2 |
| 42 | MH343S | 0.015 | | | <0.005 | <0.05 | | | | <2 | 7.917 | <10 | 6.148 | 8.01 | 0.33 | 2.809 | 1.32 | 0.045 | 0.75 | <8 | 179 | 1 | <50 | <2 |
| 43 | MH345S | 0.022 | | | 0.006 | <0.05 | | | | <2 | 7.529 | 14 | 3.974 | 6.2 | 0.53 | 2.394 | 1.33 | 0.09 | 0.805 | <8 | 317 | 1 | <50 | <2 |
| 44 | MH346D | <0.005 | | | 0.008 | <0.05 | | | | <2 | 5.376 | 10 | 2.284 | 3.3 | 0.6 | 1.239 | 1.165 | 0.125 | 0.41 | <8 | 462 | <1 | <50 | <2 |
| 45 | MH347S | 0.016 | | | 0.007 | <0.05 | | | | <2 | 6.914 | <10 | 4.867 | 5.74 | 0.48 | 2.399 | 1.55 | 0.06 | 0.715 | <8 | 512 | 1 | <50 | 2 |
| 46 | MH348S | 0.032 | | | 0.017 | <0.05 | | | | <2 | 7.445 | 17 | 3.644 | 6.01 | 0.64 | 2.662 | 1.365 | 0.12 | 0.695 | <8 | 472 | 1 | <50 | <2 |
| 47 | MH349S | 0.018 | | | 0.011 | <0.05 | | | | <2 | 7.665 | <10 | 5.261 | 7.54 | 0.48 | 3.124 | 1.385 | 0.075 | 0.895 | <8 | 329 | 1 | <50 | <2 |

Table 7. Analytical results for USGS stream sediment samples

| Map no. | Sample no. | Ce ppm | Co ppm | Cr ppm | Cu ppm | Eu ppm | Ga ppm | Ho ppm | La ppm | Li ppm | Mn ppm | Mo ppm | Nb ppm | Nd ppm | Ni ppm | Pb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Th ppm | U ppm | V ppm | Y ppm | Yb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MH476S | 27 | 33 | 75 | 117 | <2 | 13 | <4 | 15 | 27 | 1220 | 6 | 9 | 15 | 44 | 146 | 23 | <50 | 192 | <40 | <6 | <100 | 210 | 17 | 3 | 256 |
| 2 | MH478S | 35 | 28 | 201 | 104 | <2 | 12 | <4 | 20 | 18 | 2070 | 2 | 19 | 18 | 53 | <4 | 32 | <50 | 251 | <40 | <6 | <100 | 294 | 29 | 4 | 81 |
| 3 | MH479S | 16 | 36 | 106 | 167 | <2 | 14 | <4 | 9 | 16 | 1300 | 2 | 12 | 12 | 78 | <4 | 36 | <50 | 189 | <40 | <6 | <100 | 328 | 22 | 3 | 99 |
| 4 | MH480S | 18 | 40 | 113 | 173 | <2 | 13 | <4 | 9 | 14 | 1370 | 3 | 10 | 13 | 73 | <4 | 33 | <50 | 203 | <40 | <6 | <100 | 268 | 22 | 3 | 91 |
| 5 | MH481S | 47 | 25 | 107 | 78 | 2 | 15 | <4 | 26 | 23 | 1260 | 3 | 19 | 25 | 48 | 6 | 27 | <50 | 355 | <40 | <6 | <100 | 291 | 24 | 3 | 111 |
| 6 | MH671S | 17 | 36 | 123 | 121 | <2 | 14 | <4 | 9 | 19 | 1160 | 4 | 12 | 12 | 73 | <4 | 33 | <50 | 202 | <40 | <6 | <100 | 242 | 22 | 3 | 98 |
| 7 | MH672S | 17 | 40 | 119 | 127 | <2 | 13 | <4 | 9 | 11 | 1390 | 3 | 13 | 12 | 81 | <4 | 32 | <50 | 214 | <40 | <6 | <100 | 340 | 22 | 3 | 89 |
| 8 | MH670S | 25 | 32 | 136 | 119 | <2 | 14 | <4 | 13 | 16 | 1310 | 3 | 12 | 15 | 63 | <4 | 29 | <50 | 239 | <40 | <6 | <100 | 269 | 21 | 2 | 109 |
| 9 | MH669S | 23 | 16 | 177 | 50 | <2 | 11 | <4 | 12 | 18 | 826 | 3 | 7 | 14 | 28 | 7 | 16 | <50 | 292 | <40 | <6 | <100 | 169 | 17 | 2 | 113 |
| 10 | MH668S | 23 | 33 | 138 | 112 | <2 | 12 | <4 | 11 | 14 | 1690 | 3 | 18 | 15 | 64 | <4 | 27 | <50 | 236 | <40 | <6 | <100 | 340 | 21 | 3 | 119 |
| 11 | MH673S | 25 | 20 | 84 | 72 | 2 | 14 | <4 | 14 | 22 | 1160 | 3 | 13 | 15 | 46 | <4 | 25 | <50 | 333 | <40 | <6 | <100 | 255 | 23 | 3 | 93 |
| 12 | MH667S | 21 | 30 | 131 | 100 | <2 | 14 | <4 | 12 | 21 | 1110 | 3 | 8 | 14 | 66 | <4 | 32 | <50 | 187 | <40 | <6 | <100 | 153 | 21 | 3 | 105 |
| 13 | MH666S | 42 | 24 | 93 | 75 | <2 | 14 | <4 | 22 | 18 | 1230 | 2 | 12 | 20 | 51 | <4 | 26 | <50 | 315 | <40 | <6 | <100 | 274 | 20 | 2 | 108 |
| 14 | MH665S | 29 | 24 | 142 | 74 | <2 | 12 | <4 | 15 | 21 | 1190 | 3 | 15 | 16 | 55 | 4 | 25 | <50 | 293 | <40 | <6 | <100 | 269 | 22 | 3 | 126 |
| 15 | MH222S | 18 | 39 | 160 | 202 | <2 | 14 | <4 | 9 | 14 | 1330 | 2 | 11 | 14 | 87 | <4 | 36 | <50 | 255 | <40 | <6 | <100 | 281 | 23 | 3 | 86 |
| 16 | MH224S | 13 | 43 | 116 | 285 | <2 | 14 | <4 | 8 | 14 | 1380 | 3 | 13 | 12 | 67 | 4 | 38 | <50 | 228 | <40 | <6 | <100 | 320 | 22 | 3 | 91 |
| 17 | MH225S | 20 | 32 | 134 | 219 | <2 | 15 | <4 | 11 | 11 | 1410 | 7 | 12 | 15 | 44 | <4 | 28 | <50 | 322 | <40 | <6 | <100 | 316 | 25 | 3 | 76 |
| 18 | MH226S | 16 | 54 | 195 | 629 | <2 | 14 | <4 | 9 | 16 | 1420 | 10 | 29 | 15 | 79 | <4 | 35 | <50 | 209 | <40 | <6 | <100 | 379 | 25 | 3 | 89 |
| 19 | MH228S | 16 | 38 | 119 | 223 | <2 | 15 | <4 | 9 | 13 | 1310 | <2 | 12 | 14 | 75 | <4 | 38 | <50 | 243 | <40 | <6 | <100 | 249 | 24 | 3 | 87 |
| 20 | MH227S | 29 | 26 | 46 | 104 | <2 | 15 | <4 | 16 | 35 | 846 | 3 | 13 | 16 | 50 | 7 | 23 | <50 | 191 | <40 | <6 | <100 | 220 | 20 | 3 | 97 |
| 21 | MH229S | 17 | 44 | 88 | 225 | <2 | 15 | <4 | 9 | 12 | 1530 | <2 | 11 | 14 | 83 | <4 | 38 | <50 | 250 | <40 | <6 | <100 | 319 | 24 | 3 | 89 |
| 22 | MH230S | 20 | 30 | 51 | 194 | <2 | 15 | <4 | 12 | 18 | 1150 | 3 | 12 | 14 | 50 | 5 | 25 | <50 | 327 | <40 | <6 | <100 | 249 | 20 | 3 | 84 |
| 23 | MH675S | 18 | 19 | 47 | 125 | <2 | 12 | <4 | 11 | 17 | 1700 | 6 | 7 | 13 | 35 | 6 | 16 | <50 | 264 | <40 | <6 | <100 | 361 | 24 | 3 | 60 |
| 24 | MH674S | 18 | 37 | 95 | 249 | <2 | 13 | <4 | 9 | 17 | 1410 | 5 | 12 | 13 | 64 | <4 | 31 | <50 | 227 | <40 | <6 | <100 | 306 | 22 | 3 | 85 |
| 25 | MH209S | 30 | 21 | 73 | 82 | <2 | 12 | <4 | 17 | 34 | 784 | 4 | 10 | 14 | 55 | 10 | 19 | <50 | 249 | <40 | <6 | <100 | 165 | 17 | 2 | 116 |
| 26 | MH210S | 26 | 17 | 84 | 70 | <2 | 12 | <4 | 18 | 25 | 655 | 10 | 5 | 18 | 51 | 7 | 23 | <50 | 212 | <40 | <6 | <100 | 206 | 28 | 4 | 213 |
| 27 | MH208S | 14 | 39 | 114 | 176 | <2 | 15 | <4 | 8 | 11 | 1250 | 3 | 11 | 18 | 80 | <4 | 36 | <50 | 236 | <40 | <6 | <100 | 258 | 24 | 3 | 80 |
| 28 | MH207S | 18 | 36 | 115 | 248 | <2 | 17 | <4 | 12 | 11 | 1450 | 3 | 5 | 13 | 73 | 4 | 34 | <50 | 266 | <40 | <6 | <100 | 90 | 26 | 3 | 85 |
| 29 | MH206S | 18 | 37 | 158 | 142 | <2 | 14 | <4 | 8 | 8 | 1250 | 4 | 11 | 15 | 72 | <4 | 37 | <50 | 245 | <40 | <6 | <100 | 275 | 25 | 3 | 83 |
| 30 | MH416S | 16 | 33 | 71 | 157 | <2 | 14 | <4 | 9 | 11 | 1220 | 3 | 14 | 14 | 56 | 5 | 32 | <50 | 249 | <40 | <6 | <100 | 256 | 24 | 3 | 75 |
| 31 | MH417S | 16 | 46 | 146 | 249 | <2 | 14 | <4 | 9 | 15 | 1630 | 4 | 14 | 13 | 84 | <4 | 41 | <50 | 187 | <40 | <6 | <100 | 357 | 24 | 3 | 99 |
| 32 | MH205S | 26 | 30 | 104 | 120 | <2 | 15 | <4 | 12 | 16 | 1240 | 3 | 12 | 18 | 59 | 4 | 33 | <50 | 223 | <40 | <6 | <100 | 260 | 23 | 3 | 82 |
| 33 | MH678S | 16 | 40 | 86 | 161 | <2 | 15 | <4 | 9 | 14 | 1430 | 4 | 6 | 13 | 68 | 4 | 38 | <50 | 194 | <40 | <6 | <100 | 205 | 25 | 3 | 84 |
| 34 | MH338S | 28 | 22 | 100 | 69 | <2 | 12 | <4 | 15 | 16 | 1030 | <2 | 13 | 16 | 49 | 5 | 23 | <50 | 233 | <40 | <6 | <100 | 186 | 19 | 2 | 68 |
| 35 | MH677S | 23 | 33 | 120 | 102 | <2 | 13 | <4 | 13 | 12 | 1450 | 4 | 11 | 16 | 60 | <4 | 30 | <50 | 251 | <40 | <6 | <100 | 293 | 26 | 3 | 90 |
| 36 | MH679S | 24 | 24 | 89 | 88 | <2 | 13 | <4 | 13 | 16 | 1300 | 4 | 13 | 15 | 46 | <4 | 27 | <50 | 290 | <40 | <6 | <100 | 282 | 24 | 3 | 92 |
| 37 | MH676S | 24 | 19 | 68 | 53 | <2 | 13 | <4 | 13 | 17 | 1030 | 2 | 11 | 14 | 37 | <4 | 21 | <50 | 323 | <40 | <6 | <100 | 208 | 19 | 3 | 73 |
| 38 | MH680S | 25 | 17 | 64 | 56 | <2 | 12 | <4 | 14 | 19 | 844 | 3 | 11 | 13 | 36 | <4 | 19 | <50 | 290 | <40 | <6 | <100 | 190 | 18 | 3 | 67 |
| 39 | MH340S | 37 | 16 | 156 | 46 | <2 | 13 | <4 | 20 | 14 | 753 | <2 | 18 | 19 | 48 | 5 | 23 | <50 | 240 | <40 | <6 | <100 | 198 | 20 | 2 | 67 |
| 40 | MH341S | 36 | 25 | 142 | 53 | <2 | 13 | <4 | 20 | 16 | 1270 | <2 | 18 | 19 | 52 | 5 | 25 | <50 | 282 | <40 | <6 | <100 | 243 | 20 | 2 | 92 |
| 41 | MH681S | 38 | 22 | 126 | 30 | <2 | 12 | <4 | 21 | 16 | 1390 | 3 | 15 | 19 | 38 | 5 | 21 | <50 | 289 | <40 | <6 | <100 | 186 | 23 | 3 | 70 |
| 42 | MH343S | 21 | 30 | 107 | 126 | <2 | 15 | <4 | 11 | 11 | 1040 | <2 | 12 | 15 | 67 | <4 | 33 | <50 | 310 | <40 | <6 | <100 | 233 | 22 | 3 | 73 |
| 43 | MH345S | 27 | 27 | 103 | 138 | 2 | 15 | <4 | 15 | 15 | 975 | <2 | 16 | 16 | 61 | 4 | 27 | <50 | 275 | <40 | <6 | <100 | 296 | 20 | 2 | 80 |
| 44 | MH346D | 27 | 17 | 92 | 53 | <2 | 10 | <4 | 17 | 11 | 976 | <2 | 10 | 21 | 37 | 5 | 19 | <50 | 206 | <40 | <6 | <100 | 148 | 21 | 3 | 72 |
| 45 | MH347S | 26 | 26 | 143 | 62 | <2 | 12 | <4 | 14 | 12 | 960 | <2 | 15 | 16 | 73 | <4 | 28 | <50 | 274 | <40 | <6 | <100 | 203 | 22 | 3 | 81 |
| 46 | MH348S | 29 | 31 | 144 | 136 | <2 | 13 | <4 | 17 | 17 | 1120 | <2 | 14 | 17 | 87 | 6 | 30 | <50 | 244 | <40 | <6 | <100 | 273 | 24 | 3 | 118 |
| 47 | MH349S | 26 | 33 | 199 | 127 | <2 | 13 | <4 | 14 | 15 | 1250 | <2 | 13 | 17 | 98 | <4 | 30 | <50 | 296 | <40 | <6 | <100 | 261 | 23 | 3 | 90 |

Table 7. Analytical results for USGS stream sediment samples

| Map no. | Sample no. | Au_FA ppm | Ir ppb | Os ppb | Pd ppm | Pt ppm | Re ppb | Rh ppm | Ru ppb | Ag ppm | Al pct | As ppm | Ca pct | Fe pct | K pct | Mg pct | Na pct | P pct | Ti pct | Au ppm | Ba ppm | Be ppm | Bi ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48 | MH350S | 0.024 | | | 0.01 | <0.05 | | | | <2 | 7.34 | <10 | 6.279 | 7.98 | 0.34 | 3.182 | 1.4 | 0.05 | 0.86 | <8 | 312 | 1 | <50 | <2 |
| 49 | MH328S | 0.036 | | | 0.038 | <0.05 | | | | <2 | 8.132 | <10 | 4.898 | 6.98 | 0.58 | 2.793 | 1.395 | 0.08 | 0.885 | <8 | 343 | 1 | <50 | <2 |
| 50 | MH329S | 0.019 | | | 0.045 | 0.05 | | | | <2 | 7.628 | <10 | 4.988 | 7.52 | 0.39 | 3.323 | 1.075 | 0.08 | 0.7 | <8 | 237 | 1 | <50 | <2 |
| 51 | MH330S | 0.022 | | | 0.034 | 0.08 | | | | <2 | 7.97 | <10 | 7.77 | 8.18 | 0.23 | 3.119 | 1.21 | 0.05 | 0.785 | <8 | 129 | 1 | <50 | <2 |
| 52 | MH331S | 0.024 | | | 0.033 | <0.05 | | | | <2 | 7.844 | <10 | 4.914 | 7.09 | 0.54 | 3.024 | 1.33 | 0.085 | 0.835 | <8 | 316 | 1 | <50 | <2 |
| 53 | MH344S | 0.016 | | | 0.011 | <0.05 | | | | <2 | 7.996 | <10 | 5.99 | 7.79 | 0.38 | 2.777 | 1.29 | 0.05 | 0.75 | <8 | 225 | 1 | <50 | <2 |
| 54 | MH332S | 0.017 | | | 0.016 | <0.05 | | | | <2 | 7.733 | 10 | 3.465 | 5.75 | 0.68 | 2.368 | 1.44 | 0.115 | 0.665 | <8 | 380 | 1 | <50 | <2 |
| 55 | MH334S | 0.022 | | | 0.024 | <0.05 | | | | <2 | 7.712 | <10 | 4.977 | 7.07 | 0.59 | 2.762 | 1.435 | 0.08 | 0.865 | <8 | 322 | 1 | <50 | 3 |
| 56 | MH333S | 0.019 | | | 0.027 | <0.05 | | | | <2 | 7.97 | <10 | 3.617 | 6.17 | 0.58 | 2.226 | 1.435 | 0.1 | 0.82 | <8 | 338 | 1 | <50 | <2 |
| 57 | MH335S | 0.48 | | | 0.012 | <0.05 | | | | <2 | 7.319 | <10 | 4.363 | 6.33 | 0.61 | 2.263 | 1.685 | 0.07 | 0.845 | <8 | 341 | 1 | <50 | <2 |
| 58 | MH336S | 0.061 | | | 0.012 | <0.05 | | | | <2 | 6.995 | <10 | 3.83 | 5.71 | 0.72 | 2.016 | 1.83 | 0.09 | 0.89 | <8 | 403 | 1 | <50 | <2 |
| 59 | MH339S | 0.224 | | | <0.005 | <0.05 | | | | <2 | 7.114 | <10 | 4.253 | 6.15 | 0.64 | 1.733 | 1.855 | 0.06 | 0.97 | <8 | 339 | 1 | <50 | <2 |
| 60 | MH337S | 0.035 | | | 0.007 | <0.05 | | | | <2 | 7.329 | <10 | 5.586 | 6.95 | 0.43 | 2.436 | 1.57 | 0.065 | 0.99 | <8 | 248 | 1 | <50 | <2 |
| 61 | MH050S | 0.022 | | | 0.082 | 0.1 | | | | <2 | 7.32 | <10 | 6.04 | 8.56 | 0.34 | 3.31 | 1.27 | 0.06 | 0.86 | <8 | 177 | 1 | <50 | <2 |
| 62 | MH049S | 0.052 | | | 0.21 | 0.2 | | | | <2 | 7.38 | <10 | 5.055 | 7.5 | 0.52 | 2.51 | 1.46 | 0.055 | 0.69 | <8 | 279 | 1 | <50 | <2 |
| 63 | MH197S | <0.005 | | | 0.005 | <0.05 | | | | <2 | 7.41 | <10 | 5.405 | 7.83 | 0.44 | 2.425 | 1.35 | 0.06 | 0.7 | <8 | 260 | 1 | <50 | <2 |
| 64 | MH048S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.295 | <10 | 5.265 | 7.2 | 0.54 | 2.13 | 1.16 | 0.04 | 0.41 | <8 | 847 | 1 | <50 | <2 |
| 65 | MH047S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 6.625 | <10 | 3.175 | 6.27 | 0.78 | 2.13 | 1.01 | 0.07 | 0.78 | <8 | 2100 | 2 | <50 | <2 |
| 66 | MH046S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 4.885 | 14 | 2.39 | 5.31 | 0.58 | 2.06 | 0.63 | 0.05 | 0.555 | <8 | 638 | 1 | <50 | <2 |
| 67 | MH198S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 6.58 | <10 | 5.65 | 8.65 | 0.42 | 3.1 | 1.02 | 0.035 | 0.265 | <8 | 635 | <1 | <50 | <2 |
| 68 | MH045S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.11 | <10 | 6.51 | 8.73 | 0.29 | 3.48 | 1.195 | 0.04 | 0.45 | <8 | 373 | 1 | <50 | <2 |
| 69 | MH199S | 0.013 | | | <0.005 | <0.05 | | | | 2 | 6.345 | 16 | 3.395 | 5.77 | 0.63 | 3.12 | 1.57 | 0.08 | 0.755 | <8 | 386 | 2 | <50 | <2 |
| 70 | MH204S | 0.014 | | | 0.017 | <0.05 | | | | <2 | 7.205 | 46 | 1.91 | 3.72 | 0.82 | 0.97 | 2.67 | 0.045 | 0.265 | <8 | 694 | 1 | <50 | <2 |
| 71 | MH196S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.32 | 24 | 2.97 | 5.06 | 1.1 | 1.955 | 2.22 | 0.065 | 0.495 | <8 | 605 | 1 | <50 | <2 |
| 72 | MH195D | <0.005 | | | <0.005 | <0.05 | | | | <2 | 6.84 | 34 | 2.58 | 3.86 | 0.96 | 1.585 | 2.225 | 0.08 | 0.455 | <8 | 469 | 1 | <50 | <2 |
| 73 | MH194D | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.42 | 37 | 1.45 | 4.42 | 1.35 | 1.05 | 2.005 | 0.175 | 0.685 | <8 | 614 | 2 | <50 | <2 |
| 74 | MH193S | 0.013 | | | 0.005 | 0.07 | | | | <2 | 6.715 | <10 | 2.675 | 3.58 | 0.86 | 1.895 | 2.38 | 0.085 | 0.4 | <8 | 534 | 1 | <50 | <2 |
| 75 | MH191S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 6.65 | 25 | 2.31 | 5.1 | 0.99 | 2.86 | 2.085 | 0.055 | 0.34 | <8 | 654 | 1 | <50 | <2 |
| 76 | MH190S | 0.024 | 0.9 | 3 | 0.01 | 0.009 | 4 | 1 | 4 | <2 | 5.47 | 59 | 1.58 | 7.05 | 0.82 | 3.515 | 1.51 | 0.075 | 0.365 | <8 | 894 | <1 | <50 | <2 |
| 77 | MH192S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.425 | 14 | 3.515 | 7.4 | 1.4 | 2.755 | 2.065 | 0.12 | 0.475 | <8 | 664 | 1 | <50 | <2 |
| 78 | MH187S | 0.007 | | | 0.01 | <0.05 | | | | <2 | 6.915 | 32 | 1.125 | 5.55 | 1.25 | 2.13 | 1.95 | 0.095 | 0.4 | <8 | 1120 | 1 | <50 | 2 |
| 79 | MH188S | 0.04 | 0.8 | 8 | 0.008 | 0.01 | <1 | <1 | 2 | <2 | 6.86 | 31 | 2.47 | 6.13 | 1.33 | 3.895 | 1.585 | 0.05 | 0.365 | <8 | 616 | <1 | <50 | <2 |
| 80 | MH189S | 0.007 | | | <0.005 | <0.05 | | | | <2 | 7.985 | 25 | 2.185 | 4.9 | 1.28 | 2.065 | 1.64 | 0.055 | 0.415 | <8 | 687 | 1 | <50 | <2 |
| 81 | MH183S | 0.016 | | | <0.005 | <0.05 | | | | <2 | 6.195 | 114 | 1.43 | 5.47 | 0.93 | 0.975 | 1.6 | 0.19 | 1.59 | <8 | 390 | 3 | <50 | <2 |
| 82 | MH182S | 0.015 | | | <0.005 | <0.05 | | | | <2 | 5.785 | 87 | 1.72 | 4.03 | 0.83 | 0.94 | 1.88 | 0.255 | 1.04 | <8 | 323 | 2 | <50 | <2 |
| 83 | MH177S | 0.015 | 0.9 | 6 | 0.036 | 0.042 | <1 | <1 | 1 | <2 | 6.635 | <10 | 2.15 | 6.21 | 1.37 | 2.485 | 1.465 | 0.07 | 0.695 | <8 | 799 | 2 | <50 | <2 |
| 84 | MH178S | 0.017 | 0.7 | 5 | 0.006 | 0.005 | <1 | <1 | 1 | <2 | 7.69 | 25 | 2.705 | 6.34 | 1.04 | 4.33 | 2.295 | 0.05 | 0.44 | <8 | 607 | 1 | <50 | <2 |
| 85 | MH181S | 0.302 | | | <0.005 | 0.07 | | | | <2 | 6.145 | 23 | 1.43 | 3.82 | 0.99 | 1.115 | 1.735 | 0.175 | 0.68 | <8 | 432 | 2 | <50 | <2 |
| 86 | MH179S | 0.006 | 3.9 | 13 | 0.016 | 0.016 | <1 | 2 | 8 | <2 | 3.615 | <10 | 4.885 | 9.37 | 0.07 | 13.28 | 0.625 | 0.01 | 0.465 | <8 | 70 | <1 | <50 | <2 |
| 87 | MH180S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 6.68 | 27 | 1.995 | 3.92 | 1.01 | 1.28 | 2.03 | 0.185 | 0.68 | <8 | 442 | 2 | <50 | <2 |
| 88 | MH314S | 0.013 | | | 0.008 | <0.05 | | | | <2 | 7.492 | 27 | 3.26 | 4.2 | 1.02 | 1.092 | 1.805 | 0.21 | 1.06 | <8 | 408 | 2 | <50 | <2 |
| 89 | MH315S | 0.013 | 3.6 | 16 | 0.018 | 0.018 | <1 | 2 | 9 | <2 | 2.683 | <10 | 10.42 | 6.42 | 0.17 | 12.12 | 0.325 | 0.025 | 0.23 | <8 | 94 | <1 | <50 | <2 |
| 90 | MH316S | 0.025 | 6.8 | 23 | 0.05 | 0.058 | <1 | 5 | 13 | <2 | 2.084 | 11 | 1.99 | 13.97 | 0.11 | 15.65 | 0.325 | 0.015 | 0.145 | <8 | 118 | <1 | <50 | 2 |
| 91 | MH317S | 0.017 | 1.1 | 9 | 0.01 | 0.012 | <1 | <1 | 3 | <2 | 6.164 | <10 | 6.027 | 7.61 | 0.24 | 7.891 | 1.075 | 0.045 | 0.675 | <8 | 132 | <1 | <50 | <2 |
| 92 | MH312S | 0.033 | | | 0.03 | <0.05 | | | | <2 | 7.019 | 11 | 4.531 | 6.14 | 1 | 4.2 | 1.46 | 0.055 | 0.505 | <8 | 399 | 1 | <50 | <2 |
| 93 | MH202S | 0.013 | 0.9 | 5 | 0.016 | 0.017 | 2 | <1 | 2 | <2 | 6.35 | 18 | 5.605 | 7.69 | 0.43 | 6.82 | 1.365 | 0.05 | 0.62 | <8 | 303 | <1 | <50 | <2 |
| 94 | MH203S | 0.029 | | | 0.039 | <0.05 | | | | <2 | 6.84 | <10 | 3.055 | 5.33 | 0.97 | 3.455 | 1.61 | 0.05 | 0.5 | <8 | 582 | 1 | <50 | <2 |

Table 7. Analytical results for USGS stream sediment samples

| Map no. | Sample no. | Ce ppm | Co ppm | Cr ppm | Cu ppm | Eu ppm | Ga ppm | Ho ppm | La ppm | Li ppm | Mn ppm | Mo ppm | Nb ppm | Nd ppm | Ni ppm | Pb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Th ppm | U ppm | V ppm | Y ppm | Yb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48 | MH350S | 23 | 35 | 135 | 120 | <2 | 14 | <4 | 12 | 11 | 1290 | <2 | 12 | 16 | 80 | <4 | 37 | <50 | 266 | <40 | <6 | <100 | 281 | 25 | 3 | 84 |
| 49 | MH328S | 30 | 31 | 103 | 191 | <2 | 16 | <4 | 15 | 17 | 1200 | <2 | 14 | 18 | 75 | 5 | 33 | <50 | 325 | <40 | <6 | <100 | 283 | 23 | 3 | 90 |
| 50 | MH329S | 20 | 38 | 148 | 261 | <2 | 14 | <4 | 11 | 13 | 1370 | <2 | 11 | 14 | 95 | <4 | 35 | <50 | 225 | <40 | <6 | <100 | 249 | 21 | 2 | 90 |
| 51 | MH330S | 19 | 34 | 100 | 160 | <2 | 17 | <4 | 10 | 9 | 1290 | <2 | 11 | 15 | 74 | <4 | 41 | <50 | 277 | <40 | <6 | <100 | 233 | 27 | 3 | 74 |
| 52 | MH331S | 25 | 35 | 118 | 267 | <2 | 13 | <4 | 13 | 13 | 1330 | <2 | 15 | 15 | 77 | <4 | 34 | <50 | 272 | <40 | <6 | <100 | 307 | 22 | 3 | 85 |
| 53 | MH344S | 23 | 33 | 114 | 161 | <2 | 16 | <4 | 13 | 12 | 1170 | <2 | 12 | 16 | 71 | 5 | 35 | <50 | 308 | <40 | <6 | <100 | 265 | 23 | 3 | 77 |
| 54 | MH332S | 26 | 26 | 115 | 103 | <2 | 16 | <4 | 14 | 17 | 879 | <2 | 14 | 15 | 68 | 6 | 25 | <50 | 282 | <40 | <6 | <100 | 265 | 18 | 2 | 87 |
| 55 | MH334S | 27 | 32 | 106 | 205 | <2 | 14 | <4 | 15 | 15 | 1170 | <2 | 16 | 16 | 70 | <4 | 33 | <50 | 268 | <40 | <6 | <100 | 294 | 23 | 3 | 84 |
| 56 | MH333S | 31 | 25 | 94 | 122 | <2 | 15 | <4 | 16 | 16 | 1100 | <2 | 18 | 17 | 59 | 4 | 29 | <50 | 237 | <40 | <6 | <100 | 266 | 21 | 3 | 78 |
| 57 | MH335S | 30 | 29 | 169 | 83 | <2 | 12 | <4 | 17 | 15 | 1270 | <2 | 13 | 17 | 75 | <4 | 28 | <50 | 274 | <40 | <6 | <100 | 253 | 22 | 3 | 76 |
| 58 | MH336S | 34 | 22 | 130 | 60 | <2 | 13 | <4 | 19 | 18 | 1320 | 3 | 18 | 18 | 54 | 4 | 23 | <50 | 309 | <40 | <6 | <100 | 258 | 23 | 3 | 75 |
| 59 | MH339S | 32 | 19 | 127 | 36 | 2 | 12 | <4 | 19 | 13 | 1570 | <2 | 15 | 19 | 39 | <4 | 26 | <50 | 332 | <40 | <6 | <100 | 200 | 26 | 3 | 68 |
| 60 | MH337S | 25 | 30 | 111 | 102 | <2 | 15 | <4 | 15 | 12 | 1310 | <2 | 14 | 16 | 57 | <4 | 33 | <50 | 265 | <40 | <6 | <100 | 297 | 24 | 3 | 76 |
| 61 | MH050S | 20 | 36 | 137 | 190 | <2 | 16 | <4 | 10 | 13 | 1380 | 3 | 11 | 17 | 72 | <4 | 35 | <50 | 233 | <40 | <6 | <100 | 281 | 21 | 2 | 85 |
| 62 | MH049S | 25 | 35 | 165 | 127 | <2 | 17 | <4 | 15 | 21 | 1500 | <2 | 9 | 23 | 84 | 5 | 31 | <50 | 264 | <40 | <6 | <100 | 212 | 24 | 3 | 93 |
| 63 | MH197S | 26 | 34 | 195 | 126 | <2 | 16 | <4 | 13 | 17 | 1430 | 3 | 9 | 15 | 82 | 6 | 31 | <50 | 268 | <40 | <6 | <100 | 200 | 23 | 3 | 91 |
| 64 | MH048S | 29 | 34 | 97 | 117 | <2 | 15 | <4 | 18 | 10 | 1620 | <2 | 6 | 24 | 71 | <4 | 31 | <50 | 260 | <40 | <6 | <100 | 99 | 29 | 3 | 110 |
| 65 | MH047S | 33 | 29 | 99 | 114 | 3 | 13 | <4 | 19 | 19 | 2250 | 3 | 13 | 28 | 71 | <4 | 24 | <50 | 190 | <40 | <6 | <100 | 206 | 24 | 3 | 129 |
| 66 | MH046S | 20 | 30 | 190 | 74 | <2 | 10 | <4 | 11 | 17 | 1300 | 3 | 9 | 13 | 121 | <4 | 19 | <50 | 133 | <40 | <6 | <100 | 186 | 16 | 2 | 105 |
| 67 | MH198S | 23 | 38 | 334 | 103 | <2 | 14 | <4 | 13 | 9 | 2150 | 3 | <4 | 17 | 116 | 8 | 32 | <50 | 234 | <40 | <6 | <100 | 75 | 29 | 3 | 102 |
| 68 | MH045S | 23 | 45 | 212 | 153 | <2 | 17 | <4 | 14 | 9 | 1640 | 3 | 6 | 20 | 113 | <4 | 40 | <50 | 247 | <40 | <6 | <100 | 120 | 30 | 3 | 88 |
| 69 | MH199S | 31 | 29 | 601 | 62 | 2 | 13 | <4 | 20 | 20 | 1300 | 3 | 12 | 23 | 209 | 8 | 21 | <50 | 231 | <40 | <6 | <100 | 201 | 20 | 2 | 91 |
| 70 | MH204S | 34 | 15 | 58 | 40 | <2 | 13 | <4 | 21 | 16 | 561 | 5 | 7 | 17 | 28 | 5 | 13 | <50 | 193 | <40 | <6 | <100 | 113 | 14 | 2 | 65 |
| 71 | MH196S | 29 | 21 | 79 | 61 | 2 | 13 | <4 | 17 | 24 | 863 | 3 | 11 | 28 | 53 | 6 | 21 | <50 | 246 | <40 | <6 | <100 | 186 | 19 | 3 | 72 |
| 72 | MH195D | 34 | 18 | 162 | 41 | <2 | 11 | <4 | 18 | 22 | 819 | 2 | 11 | 19 | 64 | 6 | 17 | <50 | 289 | <40 | <6 | <100 | 140 | 17 | 2 | 62 |
| 73 | MH194D | 67 | 17 | 107 | 54 | 3 | 14 | <4 | 38 | 37 | 869 | 3 | 19 | 33 | 50 | 9 | 16 | <50 | 252 | <40 | 8 | <100 | 161 | 23 | 3 | 106 |
| 74 | MH193S | 37 | 15 | 103 | 66 | 2 | 11 | <4 | 22 | 15 | 687 | 2 | 9 | 24 | 106 | 6 | 16 | <50 | 288 | <40 | <6 | <100 | 124 | 18 | 2 | 49 |
| 75 | MH191S | 18 | 28 | 407 | 59 | <2 | 11 | <4 | 12 | 19 | 791 | 6 | 6 | 16 | 225 | 6 | 15 | <50 | 225 | <40 | <6 | <100 | 132 | 14 | 2 | 86 |
| 76 | MH190S | 20 | 47 | 661 | 98 | <2 | 9 | <4 | 12 | 24 | 875 | 6 | 5 | 16 | 396 | 7 | 17 | <50 | 169 | <40 | <6 | <100 | 190 | 13 | 2 | 251 |
| 77 | MH192S | 43 | 28 | 254 | 117 | <2 | 14 | <4 | 22 | 16 | 1330 | 5 | 10 | 23 | 78 | 9 | 24 | <50 | 507 | <40 | <6 | <100 | 283 | 21 | 3 | 91 |
| 78 | MH187S | 31 | 31 | 274 | 91 | <2 | 12 | <4 | 20 | 30 | 866 | 8 | 7 | 26 | 209 | 10 | 18 | <50 | 209 | <40 | <6 | <100 | 201 | 20 | 3 | 302 |
| 79 | MH188S | 21 | 38 | 764 | 102 | 3 | 12 | <4 | 12 | 17 | 1160 | 5 | 4 | 14 | 291 | 18 | 19 | <50 | 182 | <40 | <6 | <100 | 168 | 16 | 3 | 119 |
| 80 | MH189S | 28 | 23 | 140 | 115 | <2 | 14 | <4 | 16 | 22 | 878 | 4 | 7 | 19 | 74 | 15 | 21 | <50 | 266 | <40 | <6 | <100 | 164 | 18 | 3 | 118 |
| 81 | MH183S | 86 | 21 | 144 | 53 | 3 | 7 | <4 | 52 | 33 | 3490 | 5 | 44 | 51 | 58 | 6 | 16 | <50 | 223 | <40 | 11 | <100 | 119 | 59 | 7 | 80 |
| 82 | MH182S | 122 | 21 | 68 | 52 | 3 | 10 | <4 | 68 | 31 | 1240 | 2 | 22 | 53 | 48 | 24 | 11 | <50 | 258 | <40 | 14 | <100 | 106 | 28 | 3 | 78 |
| 83 | MH177S | 103 | 36 | 593 | 39 | <2 | 14 | <4 | 60 | 22 | 1200 | 3 | 11 | 43 | 404 | 8 | 15 | <50 | 272 | <40 | 13 | <100 | 132 | 20 | 3 | 82 |
| 84 | MH178S | 17 | 42 | 322 | 105 | <2 | 11 | <4 | 10 | 15 | 1140 | 2 | 6 | 12 | 292 | 8 | 24 | <50 | 204 | <40 | <6 | <100 | 208 | 17 | 3 | 95 |
| 85 | MH181S | 84 | 17 | 87 | 40 | 3 | 9 | <4 | 47 | 35 | 987 | 2 | 19 | 44 | 46 | 7 | 13 | <50 | 229 | <40 | 10 | <100 | 126 | 25 | 3 | 81 |
| 86 | MH179S | <5 | 92 | 1750 | 53 | <2 | 4 | <4 | <2 | 7 | 1310 | 5 | <4 | 13 | 1180 | <4 | 27 | <50 | 91 | <40 | <6 | <100 | 222 | 9 | 2 | 65 |
| 87 | MH180S | 62 | 16 | 82 | 40 | 3 | 12 | <4 | 37 | 34 | 750 | 3 | 17 | 37 | 52 | 8 | 18 | <50 | 304 | <40 | 7 | <100 | 155 | 28 | 3 | 82 |
| 88 | MH314S | 106 | 14 | 128 | 44 | 3 | 16 | <4 | 61 | 27 | 1320 | <2 | 21 | 50 | 41 | 12 | 30 | <50 | 469 | <40 | 12 | <100 | 178 | 46 | 5 | 69 |
| 89 | MH315S | 7 | 78 | 750 | 63 | <2 | <4 | <4 | 6 | 3 | 893 | <2 | <4 | <9 | 1070 | <4 | 13 | <50 | 115 | <40 | <6 | <100 | 114 | 9 | 1 | 51 |
| 90 | MH316S | <5 | 115 | 2750 | 297 | <2 | <4 | <4 | <2 | 8 | 1190 | 3 | <4 | <9 | 1640 | 33 | 15 | <50 | 60 | <40 | <6 | <100 | 116 | 5 | 2 | 88 |
| 91 | MH317S | 17 | 81 | 655 | 201 | <2 | 10 | <4 | 11 | 9 | 1090 | <2 | 9 | 12 | 553 | 5 | 29 | <50 | 205 | <40 | <6 | <100 | 250 | 16 | 2 | 98 |
| 92 | MH312S | 28 | 33 | 328 | 77 | <2 | 11 | <4 | 17 | 19 | 900 | <2 | 9 | 14 | 225 | 7 | 26 | <50 | 272 | <40 | <6 | <100 | 210 | 18 | 3 | 122 |
| 93 | MH202S | 20 | 64 | 689 | 141 | <2 | 12 | <4 | 14 | 11 | 1210 | 4 | 8 | 20 | 471 | <4 | 27 | <50 | 220 | <40 | <6 | <100 | 260 | 19 | 2 | 126 |
| 94 | MH203S | 23 | 33 | 351 | 43 | <2 | 11 | <4 | 13 | 20 | 1070 | 2 | 7 | 17 | 200 | 6 | 20 | <50 | 250 | <40 | <6 | <100 | 185 | 16 | 2 | 78 |

Table 7. Analytical results for USGS stream sediment samples

| Map no. | Sample no. | Au_FA ppm | Ir ppb | Os ppb | Pd ppm | Pt ppm | Re ppb | Rh ppm | Ru ppb | Ag ppm | Al pct | As ppm | Ca pct | Fe pct | K pct | Mg pct | Na pct | P pct | Ti pct | Au ppm | Ba ppm | Be ppm | Bi ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 95 | MH664S | 0.012 | | | 0.007 | <0.05 | | | | <2 | 7.865 | <10 | 3.21 | 6.36 | 0.78 | 2.048 | 1.6 | 0.05 | 0.605 | <8 | 469 | 1 | <50 | <2 |
| 96 | MH201S | | | | | | | | | <2 | 6.295 | 34 | 4.61 | 7.48 | 0.54 | 3.75 | 1.47 | 0.07 | 0.87 | <8 | 413 | 1 | <50 | <2 |
| 97 | MH200S | 0.034 | | | 0.032 | <0.05 | | | | <2 | 6.99 | 19 | 4.035 | 6.08 | 0.67 | 2.525 | 1.525 | 0.075 | 0.755 | <8 | 776 | 1 | <50 | <2 |
| 98 | MH042S | 0.005 | 1.1 | 6 | 0.018 | 0.018 | <1 | 1 | 1 | <2 | 4.25 | <10 | 3.64 | 8.73 | 0.29 | 10.58 | 0.925 | 0.03 | 0.465 | <8 | 207 | <1 | <50 | <2 |
| 99 | MH043S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 5.265 | 53 | 3.19 | 10.07 | 0.49 | 2.82 | 1.32 | 0.075 | 0.63 | <8 | 811 | 1 | <50 | <2 |
| 100 | MH044S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 6.78 | <10 | 4.855 | 6.63 | 0.68 | 2.695 | 1.69 | 0.055 | 0.815 | <8 | 778 | 1 | <50 | <2 |
| 101 | MH351S | 0.021 | | | 0.008 | <0.05 | | | | <2 | 7.492 | <10 | 3.885 | 5.94 | 0.69 | 2.363 | 1.665 | 0.08 | 0.77 | <8 | 470 | 1 | <50 | <2 |
| 102 | MH351D | 0.015 | | | 0.012 | <0.05 | | | | <2 | 7.361 | <10 | 4.242 | 6.06 | 0.64 | 2.378 | 1.675 | 0.07 | 0.82 | <8 | 446 | 1 | <50 | <2 |
| 103 | MH682S | 0.064 | | | 0.045 | <0.05 | | | | <2 | 6.84 | <10 | 4.32 | 6.52 | 0.58 | 2.982 | 1.51 | 0.075 | 0.85 | <8 | 638 | 1 | <50 | <2 |
| 104 | MH685S | 0.018 | | | 0.012 | <0.05 | | | | <2 | 5.915 | <10 | 3.56 | 6.07 | 0.57 | 4.499 | 1.555 | 0.065 | 0.665 | <8 | 453 | 1 | <50 | <2 |
| 105 | MH684S | 0.091 | | | 0.053 | 0.17 | | | | <2 | 6.39 | <10 | 3.71 | 5.89 | 0.67 | 2.846 | 1.39 | 0.085 | 0.68 | <8 | 1570 | 1 | <50 | 4 |
| 106 | MH683S | 0.042 | | | 0.027 | <0.05 | | | | <2 | 7.41 | <10 | 5.675 | 7.68 | 0.39 | 2.951 | 1.235 | 0.07 | 0.84 | <8 | 262 | 1 | <50 | 2 |
| 107 | MH039S | | | | | | | | | <2 | 6.735 | <10 | 4.505 | 6.35 | 0.54 | 3.035 | 1.71 | 0.06 | 0.92 | <8 | 423 | 1 | <50 | <2 |
| 108 | MH040S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 6.515 | <10 | 4.42 | 6.19 | 0.55 | 3.14 | 1.85 | 0.06 | 0.775 | <8 | 416 | 1 | <50 | <2 |
| 109 | MH041S | 0.014 | | | <0.005 | <0.05 | | | | <2 | 6.495 | 27 | 3.945 | 6.72 | 0.52 | 4.195 | 1.76 | 0.065 | 0.62 | <8 | 437 | 1 | <50 | <2 |
| 110 | MH038S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.065 | <10 | 3.39 | 4.64 | 0.8 | 2.045 | 2.125 | 0.065 | 0.61 | <8 | 434 | 1 | <50 | <2 |
| 111 | MH037S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.155 | <10 | 2.875 | 4.32 | 0.85 | 1.7 | 2.22 | 0.065 | 0.54 | <8 | 420 | 1 | <50 | <2 |
| 112 | MH036S | <0.005 | | | <0.005 | <0.05 | | | | 2 | 6.985 | 13 | 2.975 | 4.95 | 0.8 | 2.305 | 1.88 | 0.075 | 0.525 | <8 | 457 | 1 | <50 | <2 |
| 113 | MH661S | 0.022 | | | 0.017 | <0.05 | | | | <2 | 7.025 | <10 | 4.405 | 6.3 | 0.56 | 2.951 | 1.665 | 0.065 | 0.6 | <8 | 356 | <1 | <50 | 2 |
| 114 | MH662S | 0.021 | 0.4 | <3 | 0.005 | 0.006 | <1 | <1 | 1 | <2 | 6.24 | 21 | 2.76 | 4.84 | 0.75 | 3.024 | 1.545 | 0.07 | 0.495 | <8 | 505 | 1 | <50 | <2 |
| 115 | MH663S | 0.043 | | | 0.036 | <0.05 | | | | <2 | 6.3 | 51 | 3.655 | 6.39 | 0.71 | 4.279 | 1.005 | 0.07 | 0.465 | <8 | 912 | <1 | <50 | <2 |
| 116 | MH313S | 0.012 | | | 0.018 | <0.05 | | | | <2 | 6.531 | <10 | 4.489 | 6.43 | 0.73 | 4.877 | 1.435 | 0.055 | 0.585 | <8 | 364 | 1 | <50 | <2 |
| 117 | MH655S | 0.029 | | | 0.034 | 0.07 | | | | <2 | 6.56 | <10 | 3.485 | 6.4 | 0.83 | 3.749 | 1.59 | 0.07 | 0.615 | <8 | 445 | 1 | <50 | <2 |
| 118 | MH318S | 0.01 | 2.2 | 6 | 0.025 | 0.062 | <1 | 4 | 7 | <2 | 5.99 | <10 | 5.229 | 7.55 | 0.33 | 8.526 | 1.165 | 0.045 | 0.42 | <8 | 259 | <1 | <50 | <2 |
| 119 | MH319S | 0.013 | 1.2 | 4 | 0.012 | 0.012 | <1 | <1 | 2 | <2 | 6.442 | <10 | 5.387 | 7.87 | 0.53 | 6.463 | 1.33 | 0.075 | 0.535 | <8 | 379 | <1 | <50 | <2 |
| 120 | MH320S | 0.031 | 2.2 | 3 | 0.013 | 0.023 | <1 | <1 | 1 | <2 | 6.725 | 13 | 4.935 | 7.36 | 0.95 | 4.925 | 1.445 | 0.055 | 0.48 | <8 | 760 | <1 | <50 | <2 |
| 121 | MH321S | 0.027 | | | 0.06 | <0.05 | | | | <2 | 8.285 | <10 | 5.864 | 8.01 | 0.4 | 3.413 | 1.615 | 0.055 | 0.595 | <8 | 367 | <1 | <50 | 2 |
| 122 | MH011S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.64 | <10 | 4.81 | 5.64 | 0.86 | 2.52 | 2.16 | 0.085 | 0.44 | <8 | 475 | <1 | <50 | <2 |
| 123 | MH010S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.22 | <10 | 5.43 | 11.05 | 0.68 | 2.53 | 1.865 | 0.075 | 0.61 | <8 | 569 | <1 | <50 | <2 |
| 124 | MH654S | 0.033 | | | 0.034 | <0.05 | | | | <2 | 7.25 | <10 | 2.7 | 4.6 | 1.27 | 1.964 | 1.7 | 0.055 | 0.39 | <8 | 665 | 1 | <50 | <2 |
| 125 | MH009S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.19 | 37 | 4.055 | 5.28 | 1.35 | 2.47 | 1.93 | 0.05 | 0.51 | <8 | 1170 | 1 | <50 | <2 |
| 126 | MH008S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 5.94 | <10 | 4.73 | 18.55 | 0.51 | 2.18 | 1.47 | 0.085 | 0.74 | <8 | 566 | <1 | <50 | <2 |
| 127 | MH534S | 0.064 | | | 0.041 | 0.07 | | | | <2 | 7.095 | <10 | 3.05 | 5.15 | 0.93 | 2.226 | 1.505 | 0.045 | 0.535 | <8 | 583 | 1 | <50 | <2 |
| 128 | MH007S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.885 | 27 | 5.59 | 5.71 | 1.01 | 2.29 | 1.97 | 0.065 | 0.47 | <8 | 1060 | <1 | <50 | <2 |
| 129 | MH660S | 0.021 | | | 0.018 | <0.05 | | | | <2 | 7 | <10 | 3.815 | 5.5 | 0.73 | 2.515 | 1.635 | 0.065 | 0.495 | <8 | 420 | <1 | <50 | 2 |
| 130 | MH657S | 0.106 | | | 0.018 | <0.05 | | | | <2 | 7.02 | <10 | 2.54 | 5 | 0.81 | 2.651 | 1.645 | 0.065 | 0.475 | <8 | 455 | 1 | <50 | <2 |
| 131 | MH006S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 8.005 | <10 | 5.645 | 7.47 | 0.42 | 1.96 | 1.805 | 0.055 | 0.71 | <8 | 817 | 1 | <50 | <2 |
| 132 | MH659S | 0.018 | | | 0.013 | <0.05 | | | | <2 | 6.79 | <10 | 3.845 | 5.18 | 0.64 | 2.41 | 1.775 | 0.045 | 0.55 | <8 | 429 | <1 | <50 | <2 |
| 133 | MH035S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 6.695 | <10 | 3.72 | 5.07 | 0.64 | 2.935 | 1.94 | 0.055 | 0.58 | <8 | 401 | 1 | <50 | <2 |
| 134 | MH030S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.13 | <10 | 3.685 | 5.88 | 0.73 | 2.84 | 1.825 | 0.07 | 0.63 | <8 | 434 | 1 | <50 | <2 |
| 135 | MH034S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 6.745 | <10 | 3.85 | 5.55 | 0.63 | 3.185 | 1.76 | 0.065 | 0.625 | <8 | 579 | 1 | <50 | <2 |
| 136 | MH031S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 6.655 | <10 | 3.625 | 4.93 | 0.67 | 2.815 | 1.86 | 0.065 | 0.54 | <8 | 409 | 1 | <50 | <2 |
| 137 | MH032S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.01 | <10 | 4.3 | 5.99 | 0.68 | 3.07 | 1.905 | 0.045 | 0.775 | <8 | 360 | 1 | <50 | <2 |
| 138 | MH033S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 6.53 | <10 | 4.055 | 6.22 | 0.55 | 4.41 | 1.77 | 0.055 | 0.635 | <8 | 444 | 1 | <50 | <2 |
| 139 | MH687S | 0.03 | | | 0.026 | <0.05 | | | | <2 | 6.455 | 14 | 3.13 | 4.87 | 0.8 | 2.893 | 1.56 | 0.095 | 0.46 | <8 | 453 | 1 | <50 | <2 |
| 140 | MH686S | 0.06 | 0.4 | <3 | 0.007 | 0.008 | <1 | <1 | 1 | <2 | 6.46 | <10 | 3.8 | 5.99 | 0.53 | 4.825 | 1.49 | 0.05 | 0.585 | <8 | 359 | <1 | <50 | <2 |
| 141 | MH690S | 0.024 | | | 0.006 | <0.05 | | | | <2 | 6.335 | <10 | 3.325 | 4.85 | 0.66 | 2.956 | 1.61 | 0.075 | 0.495 | <8 | 448 | 1 | <50 | <2 |

Table 7. Analytical results for USGS stream sediment samples

| Map no. | Sample no. | Ce ppm | Co ppm | Cr ppm | Cu ppm | Eu ppm | Ga ppm | Ho ppm | La ppm | Li ppm | Mn ppm | Mo ppm | Nb ppm | Nd ppm | Ni ppm | Pb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Th ppm | U ppm | V ppm | Y ppm | Yb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 95 | MH664S | 22 | 32 | 478 | 92 | <2 | 15 | <4 | 14 | 56 | 1030 | 3 | 7 | 14 | 183 | <4 | 30 | <50 | 307 | <40 | <6 | <100 | 243 | 26 | 3 | 94 |
| 96 | MH201S | 37 | 39 | 777 | 77 | <2 | 13 | <4 | 25 | 26 | 1850 | 6 | 14 | 16 | 195 | 5 | 27 | <50 | 247 | <40 | <6 | <100 | 249 | 23 | 3 | 97 |
| 97 | MH200S | 31 | 31 | 219 | 118 | 2 | 14 | <4 | 16 | 17 | 1300 | 10 | 13 | 24 | 96 | 4 | 25 | <50 | 271 | <40 | <6 | <100 | 245 | 21 | 3 | 99 |
| 98 | MH042S | 9 | 84 | 1180 | 138 | <2 | 6 | <4 | 6 | 21 | 1420 | 3 | <4 | 10 | 741 | 6 | 23 | <50 | 144 | <40 | <6 | <100 | 183 | 11 | 2 | 96 |
| 99 | MH043S | 19 | 55 | 632 | 59 | <2 | 6 | <4 | 13 | 24 | 5880 | 4 | 6 | 19 | 334 | 7 | 19 | <50 | 211 | <40 | <6 | <100 | 217 | 18 | 3 | 125 |
| 100 | MH044S | 29 | 32 | 186 | 79 | <2 | 13 | <4 | 16 | 14 | 1630 | 3 | 13 | 22 | 104 | 5 | 27 | <50 | 306 | <40 | <6 | <100 | 228 | 24 | 3 | 91 |
| 101 | MH351S | 30 | 29 | 178 | 88 | <2 | 14 | <4 | 15 | 16 | 1150 | <2 | 13 | 16 | 80 | <4 | 27 | <50 | 280 | <40 | <6 | <100 | 239 | 20 | 3 | 79 |
| 102 | MH351D | 29 | 29 | 202 | 75 | <2 | 13 | <4 | 15 | 14 | 1170 | <2 | 17 | 16 | 82 | 5 | 26 | <50 | 295 | <40 | <6 | <100 | 244 | 21 | 2 | 83 |
| 103 | MH682S | 27 | 29 | 199 | 105 | <2 | 13 | <4 | 15 | 15 | 1300 | 4 | 12 | 16 | 101 | 5 | 30 | <50 | 259 | <40 | <6 | <100 | 281 | 24 | 3 | 93 |
| 104 | MH685S | 27 | 37 | 726 | 56 | 3 | 10 | <4 | 15 | 14 | 1190 | 2 | 7 | 15 | 241 | 4 | 23 | <50 | 241 | <40 | <6 | <100 | 200 | 19 | 3 | 80 |
| 105 | MH684S | 32 | 28 | 246 | 93 | <2 | 10 | <4 | 17 | 15 | 2040 | 5 | 12 | 17 | 115 | 12 | 25 | <50 | 247 | <40 | <6 | <100 | 244 | 24 | 3 | 172 |
| 106 | MH683S | 23 | 34 | 116 | 187 | <2 | 16 | <4 | 12 | 10 | 1230 | 3 | 11 | 16 | 72 | <4 | 32 | <50 | 285 | <40 | <6 | <100 | 265 | 25 | 3 | 86 |
| 107 | MH039S | 24 | 31 | 367 | 80 | 3 | 15 | <4 | 14 | 18 | 1150 | 2 | 13 | 20 | 109 | <4 | 29 | <50 | 242 | <40 | <6 | <100 | 291 | 22 | 3 | 96 |
| 108 | MH040S | 25 | 29 | 508 | 62 | 3 | 12 | <4 | 15 | 23 | 1160 | 2 | 10 | 22 | 142 | <4 | 24 | <50 | 289 | <40 | <6 | <100 | 223 | 22 | 3 | 112 |
| 109 | MH041S | 24 | 43 | 444 | 94 | <2 | 12 | <4 | 15 | 27 | 1640 | 3 | 7 | 22 | 257 | 4 | 24 | <50 | 250 | <40 | <6 | <100 | 221 | 18 | 3 | 81 |
| 110 | MH038S | 28 | 21 | 270 | 53 | <2 | 12 | <4 | 17 | 26 | 871 | <2 | 9 | 23 | 93 | 5 | 21 | <50 | 318 | <40 | <6 | <100 | 183 | 18 | 2 | 70 |
| 111 | MH037S | 30 | 21 | 249 | 53 | 2 | 12 | <4 | 19 | 33 | 835 | <2 | 10 | 21 | 117 | 6 | 19 | <50 | 320 | <40 | <6 | <100 | 163 | 18 | 3 | 71 |
| 112 | MH036S | 34 | 30 | 367 | 63 | 2 | 12 | <4 | 20 | 34 | 1190 | <2 | 9 | 21 | 188 | 8 | 21 | <50 | 257 | <40 | <6 | <100 | 182 | 18 | 3 | 83 |
| 113 | MH661S | 24 | 33 | 597 | 94 | <2 | 14 | <4 | 15 | 21 | 1250 | 3 | 7 | 15 | 178 | <4 | 31 | <50 | 254 | <40 | <6 | <100 | 254 | 25 | 3 | 85 |
| 114 | MH662S | 27 | 27 | 327 | 36 | <2 | 11 | <4 | 16 | 38 | 966 | 3 | 9 | 15 | 186 | 8 | 20 | <50 | 218 | <40 | <6 | <100 | 177 | 20 | 2 | 102 |
| 115 | MH663S | 20 | 39 | 424 | 65 | <2 | 10 | <4 | 12 | 37 | 1170 | 3 | 5 | 11 | 267 | 6 | 29 | <50 | 176 | <40 | <6 | <100 | 253 | 19 | 2 | 124 |
| 116 | MH313S | 29 | 38 | 547 | 56 | <2 | 10 | <4 | 20 | 14 | 1090 | <2 | 7 | 16 | 290 | 6 | 26 | <50 | 282 | <40 | <6 | <100 | 226 | 17 | 3 | 81 |
| 117 | MH655S | 32 | 32 | 807 | 37 | 3 | 12 | <4 | 20 | 16 | 1270 | 3 | 10 | 17 | 227 | 6 | 24 | <50 | 308 | <40 | <6 | <100 | 250 | 23 | 3 | 80 |
| 118 | MH318S | 12 | 66 | 910 | 124 | <2 | 8 | <4 | 8 | 12 | 1230 | <2 | <4 | 9 | 603 | 8 | 26 | <50 | 234 | <40 | <6 | <100 | 203 | 14 | 3 | 94 |
| 119 | MH319S | 11 | 51 | 758 | 131 | <2 | 10 | <4 | 9 | 11 | 1310 | <2 | 6 | 10 | 472 | 9 | 34 | <50 | 250 | <40 | <6 | <100 | 297 | 20 | 3 | 117 |
| 120 | MH320S | 17 | 44 | 617 | 86 | <2 | 11 | <4 | 11 | 13 | 1090 | <2 | 6 | 11 | 389 | 6 | 28 | <50 | 248 | <40 | <6 | <100 | 262 | 18 | 2 | 85 |
| 121 | MH321S | 9 | 41 | 111 | 126 | <2 | 14 | <4 | 7 | 15 | 1210 | <2 | 9 | 9 | 78 | <4 | 42 | <50 | 232 | <40 | <6 | <100 | 315 | 25 | 3 | 89 |
| 122 | MH011S | 20 | 26 | 83 | 67 | <2 | 12 | <4 | 14 | 13 | 1070 | 2 | 7 | 22 | 63 | 7 | 27 | <50 | 361 | <40 | <6 | <100 | 234 | 20 | 3 | 71 |
| 123 | MH010S | 17 | 32 | 383 | 98 | <2 | 14 | <4 | 13 | 9 | 1280 | 3 | 8 | 21 | 72 | 5 | 29 | <50 | 374 | <40 | <6 | <100 | 510 | 22 | 4 | 80 |
| 124 | MH654S | 28 | 19 | 113 | 47 | <2 | 13 | <4 | 16 | 14 | 932 | 3 | 7 | 13 | 57 | 9 | 21 | <50 | 232 | <40 | <6 | <100 | 170 | 19 | 3 | 78 |
| 125 | MH009S | 17 | 22 | 51 | 86 | <2 | 11 | <4 | 11 | 17 | 969 | 3 | 9 | 16 | 42 | 12 | 24 | <50 | 215 | <40 | <6 | <100 | 200 | 19 | 3 | 84 |
| 126 | MH008S | 10 | 40 | 564 | 71 | <2 | 14 | <4 | 12 | 8 | 1350 | 9 | 7 | 19 | 79 | 7 | 24 | <50 | 308 | <40 | <6 | <100 | 866 | 20 | 5 | 80 |
| 127 | MH534S | 31 | 27 | 244 | 52 | <2 | 13 | <4 | 18 | 16 | 1110 | 3 | 8 | 16 | 138 | 5 | 23 | <50 | 238 | <40 | <6 | <100 | 186 | 20 | 3 | 72 |
| 128 | MH007S | 20 | 26 | 36 | 98 | <2 | 13 | <4 | 12 | 15 | 1060 | <2 | 7 | 11 | 29 | 7 | 27 | <50 | 319 | <40 | <6 | <100 | 210 | 20 | 3 | 81 |
| 129 | MH660S | 25 | 26 | 313 | 60 | <2 | 13 | <4 | 14 | 24 | 1110 | 3 | 8 | 14 | 128 | 7 | 27 | <50 | 256 | <40 | <6 | <100 | 216 | 22 | 3 | 86 |
| 130 | MH657S | 32 | 25 | 555 | 52 | <2 | 14 | <4 | 16 | 23 | 887 | 2 | 8 | 17 | 183 | <4 | 22 | <50 | 240 | <40 | <6 | <100 | 182 | 19 | 3 | 88 |
| 131 | MH006S | 21 | 32 | 561 | 162 | <2 | 17 | <4 | 14 | 5 | 1280 | 3 | 10 | 16 | 64 | 5 | 31 | <50 | 425 | <40 | <6 | <100 | 287 | 24 | 3 | 60 |
| 132 | MH659S | 32 | 23 | 489 | 39 | <2 | 13 | <4 | 20 | 11 | 958 | 2 | 8 | 16 | 136 | 6 | 23 | <50 | 295 | <40 | <6 | <100 | 202 | 19 | 3 | 69 |
| 133 | MH035S | 25 | 26 | 515 | 42 | <2 | 12 | <4 | 16 | 17 | 1110 | 2 | 7 | 22 | 145 | 6 | 22 | <50 | 276 | <40 | <6 | <100 | 179 | 18 | 2 | 76 |
| 134 | MH030S | 34 | 33 | 829 | 80 | <2 | 13 | <4 | 20 | 28 | 1420 | 3 | 8 | 23 | 223 | 5 | 24 | <50 | 279 | <40 | <6 | <100 | 208 | 21 | 3 | 98 |
| 135 | MH034S | 26 | 31 | 355 | 60 | 2 | 12 | <4 | 15 | 21 | 1160 | 2 | 8 | 19 | 156 | <4 | 25 | <50 | 267 | <40 | <6 | <100 | 207 | 19 | 3 | 93 |
| 136 | MH031S | 23 | 26 | 249 | 44 | <2 | 11 | <4 | 14 | 18 | 1300 | <2 | 9 | 15 | 136 | 6 | 20 | <50 | 274 | <40 | <6 | <100 | 185 | 16 | 2 | 89 |
| 137 | MH032S | 27 | 30 | 438 | 40 | 3 | 12 | <4 | 16 | 17 | 1210 | 2 | 11 | 13 | 121 | <4 | 25 | <50 | 316 | <40 | <6 | <100 | 223 | 18 | 3 | 92 |
| 138 | MH033S | 22 | 37 | 566 | 55 | 2 | 11 | <4 | 13 | 16 | 1630 | 2 | 7 | 16 | 216 | <4 | 25 | <50 | 266 | <40 | <6 | <100 | 224 | 17 | 3 | 89 |
| 139 | MH687S | 25 | 26 | 247 | 63 | <2 | 12 | <4 | 15 | 19 | 930 | 4 | 9 | 13 | 154 | 8 | 20 | <50 | 260 | <40 | <6 | <100 | 184 | 15 | 2 | 71 |
| 140 | MH686S | 18 | 40 | 759 | 65 | <2 | 11 | <4 | 11 | 15 | 1170 | 3 | 6 | 11 | 272 | <4 | 24 | <50 | 247 | <40 | <6 | <100 | 222 | 15 | 2 | 80 |
| 141 | MH690S | 24 | 30 | 395 | 56 | <2 | 10 | <4 | 14 | 16 | 975 | 3 | 8 | 13 | 183 | 6 | 21 | <50 | 268 | <40 | <6 | <100 | 173 | 18 | 2 | 82 |

Table 7. Analytical results for USGS stream sediment samples

| Map no. | Sample no. | Au_FA ppm | Ir ppb | Os ppb | Pd ppm | Pt ppm | Re ppb | Rh ppm | Ru ppb | Ag ppm | Al pct | As ppm | Ca pct | Fe pct | K pct | Mg pct | Na pct | P pct | Ti pct | Au ppm | Ba ppm | Be ppm | Bi ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 142 | MH691S | 0.593 | | | <0.005 | <0.05 | | | | <2 | 6.88 | <10 | 3.255 | 4.26 | 0.86 | 2.105 | 1.99 | 0.06 | 0.49 | <8 | 491 | 1 | <50 | <2 |
| 143 | MH021S | 0.036 | | | 0.026 | <0.05 | | | | <2 | 7.26 | <10 | 4.38 | 8.2 | 0.48 | 2.389 | 1.67 | 0.05 | 0.65 | <8 | 276 | 1 | <50 | <2 |
| 144 | MH020S | 3.82 | | | 0.035 | <0.05 | | | | <2 | 6.87 | <10 | 3.655 | 5.33 | 0.72 | 2.835 | 1.855 | 0.06 | 0.59 | <8 | 431 | 1 | <50 | <2 |
| 145 | MH484S | 0.019 | | | 0.036 | <0.05 | | | | <2 | 7.25 | <10 | 3.15 | 4.84 | 0.86 | 2.095 | 1.885 | 0.07 | 0.565 | <8 | 520 | 1 | <50 | <2 |
| 146 | MH001S | | | | | | | | | <2 | 6.81 | 16 | 3.93 | 6.82 | 0.86 | 2.14 | 1.93 | 0.08 | 0.615 | <8 | 473 | 1 | <50 | <2 |
| 147 | MH002S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.26 | <10 | 4.425 | 6.75 | 0.81 | 2.405 | 2.05 | 0.07 | 0.6 | <8 | 451 | 1 | <50 | <2 |
| 148 | MH482S | 0.026 | | | 0.035 | <0.05 | | | | <2 | 7.025 | <10 | 4.115 | 6.82 | 0.69 | 2.578 | 1.93 | 0.055 | 0.75 | <8 | 410 | 1 | <50 | <2 |
| 149 | MH022S | 0.033 | | | 0.017 | <0.05 | | | | <2 | 6.895 | <10 | 3.47 | 4.43 | 0.88 | 1.864 | 2.055 | 0.06 | 0.59 | <8 | 476 | 1 | <50 | <2 |
| 150 | MH688S | 0.04 | | | 0.013 | 0.2 | | | | <2 | 6.665 | <10 | 3.715 | 5.6 | 0.66 | 2.741 | 1.755 | 0.075 | 0.69 | <8 | 548 | 1 | <50 | <2 |
| 151 | MH689S | 0.021 | | | <0.005 | <0.05 | | | | <2 | 3.545 | 11 | 1.85 | 1.96 | 0.47 | 1.118 | 0.69 | 0.16 | 0.185 | <8 | 284 | <1 | <50 | <2 |
| 152 | MH120S | 0.016 | | | <0.005 | <0.05 | | | | <2 | 7.649 | 10 | 2.961 | 5.4 | 1.19 | 1.775 | 1.74 | 0.105 | 0.445 | <8 | 562 | 1 | <50 | <2 |
| 153 | MH725S | 0.035 | | | 0.008 | <0.05 | | | | <2 | 7.055 | 63 | 4.05 | 7.98 | 1.06 | 2.258 | 1.805 | 0.105 | 0.6 | <8 | 494 | 1 | <50 | <2 |
| 154 | MH003S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.275 | 30 | 4.41 | 5.35 | 0.97 | 2.165 | 1.94 | 0.09 | 0.605 | <8 | 462 | 1 | <50 | <2 |
| 155 | MH726D | 0.03 | | | 0.014 | <0.05 | | | | <2 | 6.82 | <10 | 3.975 | 9.48 | 0.84 | 2.636 | 1.725 | 0.085 | 0.665 | <8 | 474 | 1 | <50 | <2 |
| 156 | MH119S | 0.015 | | | <0.005 | <0.05 | | | | <2 | 7.98 | 49 | 4.478 | 6.83 | 1.36 | 2.105 | 2.06 | 0.13 | 0.49 | <8 | 546 | 1 | <50 | <2 |
| 157 | MH115S | 0.031 | | | 0.006 | <0.05 | | | | <2 | 7.195 | 12 | 4.245 | 11.79 | 1.22 | 1.99 | 2.04 | 0.135 | 0.445 | <8 | 454 | 1 | <50 | <2 |
| 158 | MH117S | 0.014 | | | 0.029 | <0.05 | | | | <2 | 7.275 | 11 | 3.965 | 9.66 | 1.17 | 1.88 | 1.88 | 0.105 | 0.525 | <8 | 501 | 1 | <50 | <2 |
| 159 | MH118S | 0.006 | | | <0.005 | <0.05 | | | | <2 | 7.896 | <10 | 4.3 | 3.89 | 1.72 | 1.381 | 1.85 | 0.065 | 0.44 | <8 | 927 | 1 | <50 | 3 |
| 160 | MH727D | 0.215 | | | 0.006 | <0.05 | | | | <2 | 6.97 | <10 | 3.62 | 6.66 | 0.89 | 3.371 | 1.76 | 0.08 | 0.47 | <8 | 542 | <1 | <50 | <2 |
| 161 | MH004S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.125 | <10 | 3.405 | 9.76 | 1.32 | 1.42 | 1.705 | 0.075 | 0.78 | <8 | 712 | 2 | <50 | <2 |
| 162 | MH309S | 0.017 | | | <0.005 | <0.05 | | | | <2 | 7.366 | <10 | 3.722 | 4.35 | 0.95 | 3.229 | 2.13 | 0.06 | 0.38 | <8 | 632 | <1 | <50 | <2 |
| 163 | MH116S | 0.015 | | | 0.036 | <0.05 | | | | <2 | 7.325 | <10 | 3.99 | 6.17 | 1.56 | 1.57 | 1.835 | 0.08 | 0.585 | <8 | 1020 | 1 | <50 | <2 |
| 164 | MH310S | 0.014 | 0.5 | 4 | 0.005 | 0.01 | <1 | <1 | <1 | <2 | 7.067 | <10 | 4.232 | 6.97 | 0.82 | 3.943 | 1.78 | 0.07 | 0.5 | <8 | 516 | <1 | <50 | 2 |
| 165 | MH656S | 0.023 | 2.8 | 3 | 0.012 | 0.014 | <1 | 2 | 11 | <2 | 4.025 | <10 | 2.365 | 7.62 | 0.36 | 12.24 | 0.565 | 0.025 | 0.325 | <8 | 216 | <1 | <50 | <2 |
| 166 | MH311S | 0.019 | | | 0.009 | <0.05 | | | | <2 | 7.445 | <10 | 4.174 | 5.88 | 1.39 | 2.137 | 1.55 | 0.05 | 0.575 | <8 | 697 | 1 | <50 | <2 |
| 167 | MH005S | <0.005 | | | <0.005 | <0.05 | | | | <2 | 7.875 | <10 | 5.185 | 6.13 | 1.13 | 2.315 | 2.235 | 0.06 | 0.405 | <8 | 494 | <1 | <50 | <2 |
| 168 | MH305S | 0.018 | | | 0.016 | <0.05 | | | | <2 | 7.324 | <10 | 5.313 | 10.42 | 1.23 | 2.436 | 2.025 | 0.1 | 0.45 | <8 | 539 | <1 | <50 | 2 |
| 169 | MH304S | 0.018 | | | 0.011 | <0.05 | | | | <2 | 8.563 | <10 | 6.279 | 5.59 | 0.42 | 2.882 | 1.915 | 0.04 | 0.45 | <8 | 415 | <1 | <50 | <2 |
| 170 | MH299S | 0.015 | | | <0.005 | <0.05 | | | | <2 | 8.111 | <10 | 5.061 | 5.43 | 0.43 | 1.491 | 2.235 | 0.045 | 0.535 | <8 | 544 | <1 | <50 | <2 |
| 171 | MH302D | 0.02 | | | <0.005 | <0.05 | | | | <2 | 7.245 | 17 | 4.736 | 4.72 | 0.65 | 1.481 | 1.495 | 0.06 | 0.385 | <8 | 531 | <1 | <50 | <2 |
| 172 | MH300D | 0.016 | | | <0.005 | <0.05 | | | | <2 | 7.886 | 12 | 4.279 | 7.34 | 0.71 | 3.56 | 1.61 | 0.06 | 0.52 | <8 | 461 | <1 | <50 | <2 |
| 173 | MH301D | 0.018 | | | 0.01 | <0.05 | | | | <2 | 7.791 | <10 | 5.213 | 5.77 | 0.54 | 2.641 | 1.655 | 0.065 | 0.51 | <8 | 514 | <1 | <50 | 2 |
| 174 | MH306S | 0.008 | | | 0.01 | <0.05 | | | | <2 | 8.5 | <10 | 4.82 | 5.35 | 0.51 | 1.628 | 2.68 | 0.06 | 0.48 | <8 | 385 | <1 | <50 | <2 |
| 175 | MH308S | 0.014 | | | <0.005 | <0.05 | | | | <2 | 7.917 | 28 | 1.985 | 4.06 | 2.1 | 1.496 | 2.595 | 0.06 | 0.38 | <8 | 1280 | 1 | <50 | <2 |
| 176 | MH658S | 0.031 | | | 0.019 | <0.05 | | | | <2 | 7.685 | 58 | 4.505 | 6.39 | 1.44 | 2.336 | 1.6 | 0.075 | 0.41 | <8 | 611 | 1 | <50 | <2 |
| 177 | MH307S | 0.057 | | | 0.101 | <0.05 | | | | <2 | 8.384 | <10 | 2.94 | 4.89 | 1.26 | 2.037 | 2.11 | 0.045 | 0.4 | <8 | 972 | <1 | <50 | 2 |
| 178 | MH533S | 0.015 | | | 0.021 | 1 | | | | <2 | 8.475 | 10 | 4.64 | 5 | 0.45 | 2.09 | 2.82 | 0.04 | 0.515 | <8 | 332 | <1 | <50 | <2 |
| 179 | MH532D | 0.018 | | | 0.023 | 0.06 | | | | <2 | 7.85 | <10 | 4.525 | 6.5 | 0.55 | 2.945 | 1.655 | 0.065 | 0.475 | <8 | 391 | <1 | <50 | <2 |
| 180 | MH531D | 0.02 | | | 0.03 | <0.05 | | | | <2 | 8.385 | 18 | 3.99 | 6.77 | 1.07 | 1.533 | 2.225 | 0.065 | 0.435 | <8 | 500 | <1 | <50 | 2 |
| 181 | MH530D | 0.012 | | | 0.023 | <0.05 | | | | <2 | 7.52 | <10 | 3.61 | 6.09 | 0.72 | 4.048 | 1.595 | 0.05 | 0.445 | <8 | 466 | <1 | <50 | <2 |
| 182 | MH303D | 0.014 | | | 0.017 | <0.05 | | | | <2 | 8.358 | <10 | 5.423 | 6.58 | 0.49 | 2.982 | 1.92 | 0.045 | 0.465 | <8 | 361 | <1 | <50 | <2 |
| 183 | MH443D | 0.02 | | | <0.005 | <0.05 | | | | <2 | 9.555 | 21 | 0.777 | 5.4 | 3.16 | 1.722 | 0.97 | 0.105 | 0.61 | <8 | 1810 | 3 | <50 | 4 |
| 184 | MH444D | 0.015 | | | 0.014 | 0.05 | | | | <2 | 6.883 | 18 | 6.258 | 9.66 | 1.16 | 5.051 | 1.29 | 0.305 | 0.54 | <8 | 392 | <1 | <50 | <2 |
| 185 | MH111S | <0.005 | | | 0.036 | <0.05 | | | | <2 | 6.69 | 12 | 7.095 | 10.27 | 0.6 | 4.275 | 1.815 | 0.07 | 0.605 | <8 | 487 | <1 | <50 | <2 |
| 186 | MH112S | 0.007 | | | 0.028 | <0.05 | | | | <2 | 7.81 | <10 | 5.125 | 9.01 | 1.58 | 2.515 | 2.425 | 0.13 | 0.4 | <8 | 507 | 1 | <50 | <2 |
| 187 | MH110S | 0.124 | | | 0.658 | 0.41 | | | | <2 | 2.885 | <10 | 10.25 | 16.37 | 0.32 | 6.565 | 0.66 | 0.07 | 0.47 | <8 | 167 | <1 | <50 | <2 |
| 188 | MH113S | 0.018 | | | 0.026 | <0.05 | | | | <2 | 7.23 | <10 | 4.915 | 8.27 | 0.7 | 2.665 | 1.605 | 0.07 | 0.645 | <8 | 423 | 1 | <50 | <2 |

Table 7. Analytical results for USGS stream sediment samples

| Map no. | Sample no. | Ce ppm | Co ppm | Cr ppm | Cu ppm | Eu ppm | Ga ppm | Ho ppm | La ppm | Li ppm | Mn ppm | Mo ppm | Nb ppm | Nd ppm | Ni ppm | Pb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Th ppm | U ppm | V ppm | Y ppm | Yb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 142 | MH691S | 27 | 22 | 161 | 29 | <2 | 12 | <4 | 14 | 14 | 940 | 2 | 9 | 13 | 90 | 6 | 19 | <50 | 329 | <40 | <6 | <100 | 162 | 17 | 2 | 66 |
| 143 | MH021S | 23 | 30 | 182 | 130 | <2 | 15 | <4 | 12 | 16 | 1130 | 3 | 8 | 15 | 95 | <4 | 31 | <50 | 257 | <40 | <6 | <100 | 171 | 22 | 3 | 86 |
| 144 | MH020S | 25 | 26 | 336 | 45 | <2 | 12 | <4 | 13 | 13 | 998 | 2 | 9 | 14 | 135 | 7 | 23 | <50 | 306 | <40 | <6 | <100 | 205 | 19 | 3 | 71 |
| 145 | MH484S | 27 | 20 | 161 | 43 | <2 | 13 | <4 | 16 | 17 | 1070 | 3 | 12 | 14 | 86 | 4 | 21 | <50 | 304 | <40 | <6 | <100 | 189 | 20 | 3 | 84 |
| 146 | MH001S | 24 | 24 | 170 | 34 | <2 | 12 | <4 | 16 | 18 | 1190 | 2 | 10 | 17 | 59 | 10 | 20 | <50 | 375 | <40 | <6 | <100 | 309 | 17 | 2 | 129 |
| 147 | MH002S | 25 | 26 | 250 | 36 | <2 | 12 | <4 | 15 | 12 | 991 | 3 | 9 | 19 | 94 | 4 | 22 | <50 | 382 | <40 | <6 | <100 | 284 | 17 | 2 | 77 |
| 148 | MH482S | 30 | 28 | 244 | 69 | <2 | 14 | <4 | 15 | 11 | 1120 | 3 | 10 | 17 | 98 | <4 | 24 | <50 | 327 | <40 | <6 | <100 | 246 | 21 | 3 | 74 |
| 149 | MH022S | 28 | 18 | 91 | 21 | <2 | 13 | <4 | 15 | 22 | 804 | 2 | 11 | 14 | 48 | 4 | 19 | <50 | 338 | <40 | <6 | <100 | 180 | 17 | 2 | 65 |
| 150 | MH688S | 25 | 25 | 336 | 60 | <2 | 12 | <4 | 13 | 12 | 961 | 3 | 11 | 15 | 132 | 4 | 23 | <50 | 286 | <40 | <6 | <100 | 233 | 21 | 3 | 86 |
| 151 | MH689S | 16 | 9 | 98 | 92 | <2 | 7 | <4 | 12 | 11 | 330 | <2 | <4 | 13 | 33 | 5 | 16 | <50 | 140 | <40 | <6 | <100 | 82 | 25 | 2 | 50 |
| 152 | MH120S | 34 | 21 | 88 | 66 | 2 | 16 | <4 | 21 | 21 | 967 | <2 | 10 | 22 | 41 | 9 | 21 | <50 | 410 | <40 | <6 | <100 | 247 | 23 | 3 | 86 |
| 153 | MH725S | 24 | 25 | 393 | 27 | <2 | 13 | <4 | 16 | 20 | 1230 | 3 | 9 | 15 | 64 | 10 | 23 | <50 | 441 | <40 | <6 | <100 | 383 | 20 | 3 | 94 |
| 154 | MH003S | 25 | 19 | 197 | 25 | <2 | 13 | <4 | 13 | 19 | 1030 | 2 | 11 | 22 | 56 | 9 | 23 | <50 | 445 | <40 | <6 | <100 | 240 | 18 | 3 | 112 |
| 155 | MH726D | 22 | 30 | 744 | 38 | <2 | 13 | <4 | 14 | 17 | 1160 | 4 | 6 | 14 | 110 | 5 | 24 | <50 | 369 | <40 | <6 | <100 | 437 | 20 | 3 | 102 |
| 156 | MH119S | 28 | 23 | 127 | 38 | <2 | 14 | <4 | 17 | 17 | 1030 | <2 | 9 | 17 | 39 | 6 | 23 | <50 | 608 | <40 | <6 | <100 | 318 | 19 | 3 | 78 |
| 157 | MH115S | 22 | 25 | 140 | 57 | <2 | 13 | <4 | 15 | 15 | 1050 | 3 | 6 | 13 | 39 | 4 | 18 | <50 | 657 | <40 | <6 | <100 | 540 | 16 | 3 | 69 |
| 158 | MH117S | 21 | 25 | 154 | 46 | <2 | 13 | <4 | 14 | 15 | 1010 | 3 | 7 | 15 | 41 | 5 | 20 | <50 | 465 | <40 | <6 | <100 | 442 | 17 | 3 | 66 |
| 159 | MH118S | 30 | 16 | 41 | 32 | <2 | 14 | <4 | 17 | 23 | 634 | <2 | 10 | 14 | 34 | 6 | 17 | <50 | 287 | <40 | <6 | <100 | 121 | 17 | 2 | 68 |
| 160 | MH727D | 23 | 32 | 619 | 58 | <2 | 13 | <4 | 13 | 14 | 1080 | 4 | 6 | 13 | 225 | 6 | 23 | <50 | 352 | <40 | <6 | <100 | 270 | 18 | 2 | 91 |
| 161 | MH004S | 31 | 25 | 385 | 28 | <2 | 16 | <4 | 19 | 20 | 964 | 3 | 11 | 18 | 48 | 13 | 16 | <50 | 294 | <40 | <6 | <100 | 424 | 19 | 3 | 83 |
| 162 | MH309S | 18 | 26 | 246 | 59 | <2 | 10 | <4 | 10 | 13 | 814 | <2 | 6 | 10 | 213 | 5 | 20 | <50 | 359 | <40 | <6 | <100 | 166 | 15 | 2 | 58 |
| 163 | MH116S | 35 | 20 | 143 | 36 | <2 | 14 | <4 | 21 | 27 | 764 | 2 | 12 | 15 | 40 | 8 | 17 | <50 | 282 | <40 | <6 | <100 | 237 | 18 | 3 | 71 |
| 164 | MH310S | 20 | 36 | 597 | 56 | <2 | 13 | <4 | 13 | 13 | 1000 | <2 | 6 | 12 | 254 | <4 | 26 | <50 | 328 | <40 | <6 | <100 | 285 | 17 | 2 | 73 |
| 165 | MH656S | 9 | 85 | 4850 | 40 | <2 | 11 | <4 | 7 | 14 | 1050 | 4 | <4 | <9 | 1170 | 5 | 18 | <50 | 144 | <40 | <6 | <100 | 150 | 11 | 2 | 97 |
| 166 | MH311S | 39 | 28 | 941 | 39 | <2 | 14 | <4 | 24 | 19 | 825 | <2 | 9 | 18 | 124 | 7 | 21 | <50 | 283 | <40 | <6 | <100 | 227 | 17 | 3 | 75 |
| 167 | MH005S | 17 | 25 | 70 | 76 | <2 | 13 | <4 | 11 | 12 | 972 | 2 | 6 | 15 | 50 | <4 | 24 | <50 | 488 | <40 | <6 | <100 | 266 | 17 | 2 | 62 |
| 168 | MH305S | 19 | 33 | 92 | 85 | <2 | 12 | <4 | 13 | 13 | 1100 | 2 | 6 | 15 | 42 | 8 | 26 | <50 | 480 | <40 | <6 | <100 | 463 | 19 | 3 | 176 |
| 169 | MH304S | 11 | 27 | 138 | 78 | <2 | 12 | <4 | 7 | 6 | 1080 | <2 | 6 | <9 | 97 | <4 | 33 | <50 | 312 | <40 | <6 | <100 | 228 | 19 | 3 | 77 |
| 170 | MH299S | 16 | 16 | 27 | 80 | <2 | 13 | <4 | 10 | 5 | 928 | <2 | 9 | 12 | 17 | 4 | 29 | <50 | 332 | <40 | <6 | <100 | 223 | 24 | 4 | 57 |
| 171 | MH302D | 17 | 19 | 19 | 63 | <2 | 11 | <4 | 11 | 16 | 925 | <2 | 6 | 12 | 16 | <4 | 28 | <50 | 230 | <40 | <6 | <100 | 190 | 25 | 3 | 52 |
| 172 | MH300D | 19 | 49 | 175 | 194 | <2 | 14 | <4 | 12 | 17 | 1200 | <2 | 7 | 13 | 112 | 8 | 32 | <50 | 247 | <40 | <6 | <100 | 252 | 27 | 3 | 95 |
| 173 | MH301D | 18 | 27 | 96 | 105 | <2 | 13 | <4 | 11 | 9 | 1070 | <2 | 8 | 13 | 62 | <4 | 36 | <50 | 264 | <40 | <6 | <100 | 241 | 27 | 3 | 69 |
| 174 | MH306S | 16 | 21 | 26 | 104 | <2 | 14 | <4 | 10 | 4 | 1030 | <2 | 7 | 12 | 15 | 5 | 30 | <50 | 359 | <40 | <6 | <100 | 212 | 23 | 3 | 54 |
| 175 | MH308S | 30 | 14 | 21 | 37 | <2 | 13 | <4 | 16 | 8 | 843 | <2 | 9 | 15 | 16 | 8 | 18 | <50 | 245 | <40 | <6 | <100 | 105 | 23 | 3 | 72 |
| 176 | MH658S | 23 | 37 | 426 | 127 | <2 | 13 | <4 | 13 | 12 | 1060 | 5 | 5 | 13 | 111 | 5 | 25 | <50 | 404 | <40 | <6 | <100 | 205 | 20 | 3 | 86 |
| 177 | MH307S | 21 | 19 | 59 | 198 | <2 | 13 | <4 | 13 | 9 | 1110 | <2 | 7 | 12 | 23 | 45 | 26 | <50 | 246 | <40 | <6 | <100 | 184 | 20 | 3 | 148 |
| 178 | MH533S | 17 | 17 | 23 | 102 | <2 | 13 | <4 | 10 | 3 | 967 | 3 | 7 | 10 | 20 | 13 | 36 | <50 | 310 | <40 | <6 | <100 | 237 | 23 | 3 | 87 |
| 179 | MH532D | 16 | 37 | 99 | 116 | <2 | 14 | <4 | 8 | 12 | 1080 | 3 | 5 | 12 | 86 | 5 | 30 | <50 | 311 | <40 | <6 | <100 | 218 | 23 | 3 | 69 |
| 180 | MH531D | 12 | 38 | 12 | 324 | <2 | 15 | <4 | 7 | 14 | 1430 | 3 | 5 | 11 | 9 | 11 | 30 | <50 | 214 | <40 | <6 | <100 | 248 | 21 | 2 | 134 |
| 181 | MH530D | 23 | 34 | 280 | 88 | <2 | 13 | <4 | 13 | 15 | 1090 | 2 | 6 | 14 | 198 | 5 | 28 | <50 | 254 | <40 | <6 | <100 | 206 | 20 | 3 | 77 |
| 182 | MH303D | 10 | 36 | 60 | 144 | <2 | 14 | <4 | 7 | 8 | 1190 | <2 | 6 | 9 | 53 | <4 | 38 | <50 | 252 | <40 | <6 | <100 | 258 | 22 | 3 | 65 |
| 183 | MH443D | 127 | 22 | 193 | 59 | 3 | 22 | <4 | 71 | 44 | 461 | 8 | 21 | 53 | 74 | 20 | 20 | <50 | 110 | <40 | 18 | <100 | 275 | 14 | 2 | 203 |
| 184 | MH444D | 29 | 40 | 183 | 150 | <2 | 11 | <4 | 17 | 21 | 1660 | <2 | 6 | 22 | 123 | 7 | 33 | <50 | 647 | <40 | <6 | <100 | 478 | 21 | 3 | 102 |
| 185 | MH111S | 6 | 43 | 149 | 105 | <2 | 11 | <4 | 6 | 30 | 1270 | 3 | 6 | <9 | 70 | 6 | 47 | <50 | 267 | <40 | <6 | <100 | 486 | 19 | 3 | 76 |
| 186 | MH112S | 24 | 24 | 110 | 66 | <2 | 14 | <4 | 16 | 11 | 1120 | 3 | 5 | 21 | 40 | <4 | 24 | <50 | 779 | <40 | <6 | <100 | 419 | 18 | 3 | 59 |
| 187 | MH110S | <5 | 60 | 351 | 28 | <2 | 6 | <4 | 2 | 8 | 1230 | 5 | <4 | 10 | 101 | 4 | 73 | <50 | 271 | <40 | <6 | <100 | 671 | 8 | 2 | 60 |
| 188 | MH113S | 15 | 33 | 511 | 81 | <2 | 13 | <4 | 9 | 15 | 1180 | 4 | 7 | 18 | 113 | <4 | 28 | <50 | 310 | <40 | <6 | <100 | 354 | 19 | 3 | 80 |

Table 7. Analytical results for USGS stream sediment samples

| Map no. | Sample no. | Au_FA ppm | Ir ppb | Os ppb | Pd ppm | Pt ppm | Re ppb | Rh ppm | Ru ppb | Ag ppm | Al pct | As ppm | Ca pct | Fe pct | K pct | Mg pct | Na pct | P pct | Ti pct | Au ppm | Ba ppm | Be ppm | Bi ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 189 | MH109S | <0.005 | | | 0.017 | <0.05 | | | | <2 | 5.915 | 16 | 5.35 | 12.55 | 0.56 | 3.225 | 1.4 | 0.075 | 0.67 | <8 | 327 | <1 | <50 | <2 |
| 190 | MH114S | 0.005 | | | 0.029 | <0.05 | | | | <2 | 7.515 | 15 | 4.155 | 8.53 | 1.19 | 2.285 | 1.84 | 0.125 | 0.485 | <8 | 515 | 1 | <50 | <2 |
| 191 | MH101S | 0.055 | | | 0.08 | <0.05 | | | | <2 | 6.585 | <10 | 4.615 | 8.04 | 0.95 | 2.39 | 1.99 | 0.08 | 0.555 | <8 | 501 | 1 | <50 | <2 |
| 192 | MH102S | 0.639 | | | 0.037 | <0.05 | | | | <2 | 6.73 | <10 | 5.655 | 9.49 | 0.85 | 3.125 | 1.875 | 0.09 | 0.615 | <8 | 475 | 1 | <50 | <2 |
| 193 | MH103S | 0.008 | | | 0.037 | <0.05 | | | | <2 | 7.2 | 11 | 3.715 | 5.53 | 1.05 | 2.16 | 1.965 | 0.085 | 0.54 | <8 | 711 | 1 | <50 | <2 |
| 194 | MH104S | 0.044 | | | 0.022 | 0.11 | | | | <2 | 6.34 | 15 | 5.79 | 9.29 | 0.81 | 3.495 | 1.74 | 0.075 | 0.68 | <8 | 422 | 1 | <50 | <2 |
| 195 | MH108S | <0.005 | | | 0.066 | <0.05 | | | | <2 | 7.445 | 16 | 2.75 | 4.29 | 1.02 | 1.66 | 1.895 | 0.095 | 0.42 | <8 | 694 | 1 | <50 | <2 |
| 196 | MH105S | <0.005 | | | 0.02 | <0.05 | | | | <2 | 6.77 | <10 | 4.385 | 6.82 | 0.88 | 2.705 | 1.86 | 0.085 | 0.55 | <8 | 467 | 1 | <50 | <2 |
| 197 | MH106S | 0.029 | | | 0.038 | <0.05 | | | | <2 | 7.2 | 17 | 3.05 | 6.11 | 0.93 | 2.245 | 1.635 | 0.125 | 0.525 | <8 | 610 | 1 | <50 | <2 |
| 198 | MH107S | 0.007 | | | 0.043 | <0.05 | | | | <2 | 6.47 | 22 | 5.5 | 7.4 | 0.84 | 3.085 | 1.765 | 0.09 | 0.605 | <8 | 448 | 1 | <50 | <2 |
| 199 | MH724S | 0.038 | | | <0.005 | <0.05 | | | | <2 | 6.63 | 46 | 5.225 | 6.67 | 0.62 | 2.961 | 1.505 | 0.08 | 0.705 | <8 | 397 | 1 | <50 | <2 |
| 200 | MH382S | 0.076 | | | 0.065 | <0.05 | | | | <2 | 6.9 | 16 | 4.745 | 7.92 | 0.76 | 2.273 | 1.6 | 0.07 | 0.585 | <8 | 452 | <1 | <50 | <2 |
| 201 | MH381S | 0.434 | | | 0.042 | <0.05 | | | | <2 | 5.79 | 20 | 6.24 | 10.15 | 0.71 | 3.885 | 1.495 | 0.055 | 0.52 | <8 | 350 | <1 | <50 | <2 |
| 202 | MH380S | 0.032 | | | 0.042 | <0.05 | | | | <2 | 7.04 | 1840 | 4.715 | 7.65 | 1.27 | 2.861 | 2.035 | 0.095 | 0.51 | <8 | 481 | 1 | <50 | <2 |
| 203 | MH377S | 0.034 | | | 0.056 | <0.05 | | | | <2 | 7.13 | 23 | 3.305 | 6.38 | 0.84 | 2.378 | 1.54 | 0.075 | 0.63 | <8 | 464 | 1 | <50 | 5 |
| 204 | MH379S | 0.426 | | | 0.051 | <0.05 | | | | <2 | 5.73 | 19 | 3.59 | 4.74 | 1.29 | 2.042 | 1.125 | 0.09 | 0.55 | <8 | 1340 | 1 | <50 | 3 |
| 205 | MH378S | 0.026 | | | 0.049 | 0.06 | | | | <2 | 7.255 | 55 | 4.77 | 6.58 | 0.98 | 3.176 | 1.575 | 0.065 | 0.5 | <8 | 660 | <1 | <50 | 3 |
| 206 | MH170S | 0.02 | | | 0.055 | <0.05 | | | | <2 | 6.025 | 89 | 1.69 | 6.06 | 1.84 | 1.41 | 0.86 | 0.125 | 0.365 | <8 | 341 | 2 | <50 | 5 |
| 207 | MH169S | 0.01 | | | 0.052 | <0.05 | | | | <2 | 6.72 | 51 | 1.62 | 5.84 | 2.36 | 1.505 | 1.315 | 0.13 | 0.455 | <8 | 2210 | 2 | <50 | 2 |
| 208 | MH171S | 0.22 | | | 0.248 | <0.05 | | | | <2 | 7.575 | 83 | 5.425 | 8.37 | 0.48 | 3.835 | 1.835 | 0.045 | 0.565 | <8 | 258 | <1 | <50 | <2 |
| 209 | MH172S | 0.023 | | | 0.039 | <0.05 | | | | <2 | 6.73 | <10 | 5.135 | 8.53 | 1.62 | 3.45 | 1.675 | 0.2 | 0.585 | <8 | 394 | 2 | <50 | <2 |
| 210 | MH175S | 0.048 | | | 0.052 | 0.06 | | | | <2 | 7.44 | 29 | 2.42 | 5.43 | 1.66 | 1.74 | 2.16 | 0.075 | 0.405 | <8 | 975 | 2 | <50 | <2 |
| 211 | MH174S | 0.033 | | | 0.037 | <0.05 | | | | <2 | 6.48 | 16 | 4.215 | 7.36 | 0.9 | 2.84 | 1.555 | 0.085 | 0.475 | <8 | 806 | 1 | <50 | <2 |
| 212 | MH173S | 0.018 | | | 0.04 | <0.05 | | | | <2 | 7.48 | 15 | 2.92 | 6 | 1.15 | 2.245 | 1.79 | 0.085 | 0.485 | <8 | 630 | 1 | <50 | <2 |
| 213 | MH356S | 0.192 | | | 0.005 | <0.05 | | | | <2 | 7.255 | <10 | 3.21 | 7.1 | 1.31 | 2.447 | 1.655 | 0.1 | 0.55 | <8 | 576 | 1 | <50 | <2 |
| 214 | MH357S | 0.039 | | | <0.005 | <0.05 | | | | <2 | 7.85 | 37 | 1.62 | 7.45 | 1.23 | 2.058 | 1.175 | 0.05 | 0.3 | <8 | 1250 | 1 | <50 | <2 |
| 215 | MH164S | 0.025 | | | 0.05 | 0.06 | | | | <2 | 8.12 | 28 | 1.42 | 5.41 | 1.6 | 1.87 | 1.885 | 0.1 | 0.435 | <8 | 824 | 1 | <50 | <2 |
| 216 | MH163S | 0.025 | | | 0.033 | <0.05 | | | | <2 | 7.185 | 24 | 3.09 | 9.12 | 1.21 | 2.465 | 1.645 | 0.09 | 0.54 | <8 | 554 | 1 | <50 | <2 |
| 217 | MH162S | 0.04 | | | 0.036 | <0.05 | | | | <2 | 6.99 | 23 | 4.17 | 8.11 | 1.33 | 3.315 | 1.585 | 0.095 | 0.535 | <8 | 661 | 1 | <50 | <2 |
| 218 | MH161S | 0.019 | | | 0.008 | <0.05 | | | | <2 | 7.088 | 12 | 3.806 | 7.52 | 1.09 | 2.882 | 0.995 | 0.08 | 0.67 | <8 | 887 | 1 | <50 | <2 |
| 220 | MH160S | 0.016 | | | 0.009 | <0.05 | | | | <2 | 7.55 | 20 | 3.491 | 6.73 | 1.31 | 2.657 | 1.505 | 0.085 | 0.51 | <8 | 727 | 1 | <50 | <2 |
| 221 | MH159S | 0.02 | | | 0.008 | <0.05 | | | | <2 | 7.686 | 86 | 0.651 | 6.09 | 1.7 | 1.67 | 1.025 | 0.05 | 0.4 | <8 | 2850 | <1 | <50 | 3 |
| 222 | MH158S | 0.027 | | | <0.005 | <0.05 | | | | <2 | 7.607 | 31 | 1.712 | 6.21 | 0.92 | 1.381 | 2.025 | 0.05 | 0.32 | <8 | 660 | <1 | <50 | <2 |
| 223 | MH355S | 0.017 | | | 0.011 | <0.05 | | | | <2 | 7.615 | 19 | 2.86 | 5.54 | 0.94 | 2.111 | 1.81 | 0.06 | 0.43 | <8 | 738 | 1 | <50 | <2 |
| 224 | MH354S | 0.13 | | | <0.005 | <0.05 | | | | <2 | 5.755 | 22 | 0.935 | 2.02 | 2.14 | 0.751 | 2.205 | 0.015 | 0.135 | <8 | 1250 | 1 | <50 | <2 |
| 225 | MH176S | 0.019 | | | 0.043 | <0.05 | | | | <2 | 7.08 | 21 | 2.395 | 4.76 | 1.14 | 1.73 | 1.85 | 0.085 | 0.415 | <8 | 749 | 1 | <50 | <2 |
| 226 | MH352S | 0.104 | | | <0.005 | <0.05 | | | | <2 | 7.534 | 24 | 3.239 | 5.53 | 0.92 | 2.767 | 2.035 | 0.065 | 0.45 | <8 | 648 | <1 | <50 | <2 |
| 227 | MH157S | 0.276 | | | 0.023 | <0.05 | | | | <2 | 9.03 | 24 | 1.46 | 5.89 | 2.37 | 2.195 | 1.09 | 0.045 | 0.375 | <8 | 1130 | <1 | <50 | 3 |
| 228 | MH156S | 0.014 | | | 0.012 | <0.05 | | | | <2 | 7.791 | 17 | 2.772 | 5.66 | 1.38 | 2.063 | 1.78 | 0.055 | 0.465 | <8 | 918 | 1 | <50 | <2 |
| 229 | MH155S | 0.018 | | | 0.01 | <0.05 | | | | <2 | 7.466 | <10 | 2.693 | 6.03 | 0.81 | 3.197 | 2.335 | 0.04 | 0.55 | <8 | 546 | <1 | <50 | <2 |
| 230 | MH353S | 0.077 | | | 0.005 | <0.05 | | | | <2 | 7.37 | 12 | 2.845 | 6.04 | 1.25 | 2.231 | 1.74 | 0.065 | 0.49 | <8 | 980 | 1 | <50 | 3 |
| 231 | MH153S | 0.022 | | | <0.005 | <0.05 | | | | <2 | 6.899 | 16 | 6.494 | 4.84 | 1.31 | 2.184 | 1.44 | 0.05 | 0.415 | <8 | 772 | 1 | <50 | <2 |
| 232 | MH154S | 0.012 | | | 0.014 | <0.05 | | | | <2 | 7.098 | <10 | 3.224 | 7.05 | 0.98 | 2.027 | 1.95 | 0.065 | 0.715 | <8 | 697 | 1 | <50 | <2 |
| 233 | MH369S | 0.074 | | | 0.093 | <0.05 | | | | <2 | 6.975 | <10 | 2.56 | 4.97 | 1.25 | 2.384 | 1.92 | 0.065 | 0.475 | <8 | 903 | 1 | <50 | <2 |
| 234 | MH368S | 0.032 | | | 0.068 | <0.05 | | | | <2 | 7.29 | 16 | 1.965 | 4.16 | 1.55 | 2.132 | 1.59 | 0.075 | 0.39 | <8 | 1020 | 1 | <50 | <2 |
| 235 | MH367S | 0.027 | | | 0.033 | <0.05 | | | | <2 | 6.87 | <10 | 2.67 | 3.73 | 1.16 | 1.628 | 1.745 | 0.105 | 0.395 | <8 | 899 | 1 | <50 | <2 |
| 236 | MH370S | 0.016 | | | 0.056 | <0.05 | | | | <2 | 7.22 | <10 | 3.36 | 4.99 | 1.63 | 2.058 | 1.265 | 0.06 | 0.41 | <8 | 609 | 1 | <50 | <2 |

Table 7. Analytical results for USGS stream sediment samples

| Map no. | Sample no. | Ce ppm | Co ppm | Cr ppm | Cu ppm | Eu ppm | Ga ppm | Ho ppm | La ppm | Li ppm | Mn ppm | Mo ppm | Nb ppm | Nd ppm | Ni ppm | Pb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Th ppm | U ppm | V ppm | Y ppm | Yb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 189 | MH109S | 15 | 44 | 629 | 31 | <2 | 12 | <4 | 12 | 20 | 1430 | 4 | 5 | 19 | 94 | 4 | 37 | <50 | 281 | <40 | <6 | <100 | 559 | 16 | 3 | 92 |
| 190 | MH114S | 24 | 27 | 183 | 69 | <2 | 13 | <4 | 16 | 19 | 1130 | 4 | 7 | 20 | 53 | 7 | 22 | <50 | 535 | <40 | <6 | <100 | 407 | 18 | 3 | 91 |
| 191 | MH101S | 19 | 27 | 127 | 31 | <2 | 13 | <4 | 12 | 17 | 924 | 3 | 7 | 16 | 53 | 5 | 27 | <50 | 353 | <40 | <6 | <100 | 352 | 15 | 2 | 69 |
| 192 | MH102S | 17 | 38 | 132 | 45 | <2 | 12 | <4 | 11 | 16 | 1200 | 3 | 7 | 13 | 60 | 5 | 38 | <50 | 350 | <40 | <6 | <100 | 424 | 17 | 3 | 79 |
| 193 | MH103S | 26 | 23 | 104 | 52 | 2 | 13 | <4 | 16 | 24 | 959 | 3 | 11 | 19 | 53 | 7 | 24 | <50 | 314 | <40 | <6 | <100 | 240 | 18 | 2 | 105 |
| 194 | MH104S | 26 | 34 | 206 | 25 | <2 | 11 | <4 | 16 | 21 | 1250 | 4 | 9 | 22 | 66 | 7 | 39 | <50 | 340 | <40 | <6 | <100 | 406 | 17 | 3 | 92 |
| 195 | MH108S | 29 | 20 | 74 | 41 | <2 | 13 | <4 | 16 | 30 | 943 | 6 | 9 | 29 | 44 | 8 | 19 | <50 | 315 | <40 | <6 | <100 | 169 | 17 | 3 | 105 |
| 196 | MH105S | 24 | 30 | 122 | 63 | <2 | 11 | <4 | 14 | 19 | 1070 | 3 | 8 | 22 | 61 | 7 | 30 | <50 | 314 | <40 | <6 | <100 | 295 | 17 | 2 | 77 |
| 197 | MH106S | 34 | 26 | 123 | 74 | 2 | 13 | <4 | 17 | 26 | 1300 | 3 | 10 | 21 | 63 | 11 | 22 | <50 | 285 | <40 | <6 | <100 | 251 | 21 | 3 | 123 |
| 198 | MH107S | 19 | 31 | 128 | 22 | <2 | 11 | <4 | 13 | 19 | 1470 | 3 | 9 | 15 | 52 | 4 | 36 | <50 | 344 | <40 | <6 | <100 | 321 | 16 | 3 | 74 |
| 199 | MH724S | 25 | 30 | 761 | 27 | <2 | 13 | <4 | 15 | 17 | 1270 | 2 | 9 | 14 | 71 | <4 | 36 | <50 | 287 | <40 | <6 | <100 | 279 | 22 | 2 | 82 |
| 200 | MH382S | 19 | 31 | 149 | 47 | <2 | 12 | <4 | 12 | 18 | 1260 | 4 | 9 | 13 | 57 | 6 | 34 | <50 | 280 | <40 | <6 | <100 | 391 | 24 | 3 | 82 |
| 201 | MH381S | 8 | 42 | 145 | 62 | <2 | 10 | <4 | 7 | 19 | 1210 | 4 | 5 | <9 | 75 | 10 | 45 | <50 | 218 | <40 | <6 | <100 | 440 | 16 | 2 | 83 |
| 202 | MH380S | 21 | 36 | 43 | 237 | <2 | 13 | <4 | 12 | 46 | 1090 | 4 | 5 | 14 | 43 | 21 | 31 | <50 | 285 | <40 | <6 | <100 | 310 | 19 | 2 | 96 |
| 203 | MH377S | 26 | 30 | 262 | 69 | <2 | 13 | <4 | 14 | 35 | 1100 | 3 | 10 | 15 | 82 | 6 | 30 | <50 | 199 | <40 | <6 | <100 | 267 | 24 | 3 | 92 |
| 204 | MH379S | 41 | 25 | 70 | 76 | <2 | 11 | <4 | 23 | 29 | 840 | 5 | 9 | 21 | 65 | 9 | 21 | <50 | 152 | <40 | <6 | <100 | 211 | 18 | 2 | 121 |
| 205 | MH378S | 20 | 33 | 97 | 114 | <2 | 12 | <4 | 13 | 32 | 1080 | 4 | 7 | 14 | 66 | 5 | 36 | <50 | 171 | <40 | <6 | <100 | 288 | 22 | 3 | 117 |
| 206 | MH170S | 65 | 28 | 99 | 142 | 2 | 13 | <4 | 38 | 44 | 790 | 11 | 10 | 33 | 113 | 19 | 16 | <50 | 180 | <40 | 6 | <100 | 259 | 12 | 2 | 447 |
| 207 | MH169S | 78 | 26 | 90 | 102 | 2 | 14 | <4 | 47 | 52 | 1060 | 10 | 13 | 53 | 90 | 19 | 16 | <50 | 404 | <40 | 8 | <100 | 249 | 16 | 2 | 329 |
| 208 | MH171S | 6 | 48 | 114 | 145 | <2 | 13 | <4 | 5 | 21 | 1350 | 3 | 6 | 14 | 72 | <4 | 43 | <50 | 142 | <40 | <6 | <100 | 325 | 26 | 3 | 117 |
| 209 | MH172S | 31 | 36 | 211 | 158 | <2 | 11 | <4 | 19 | 23 | 1300 | 4 | 10 | 20 | 58 | 7 | 34 | <50 | 351 | <40 | <6 | <100 | 355 | 24 | 3 | 92 |
| 210 | MH175S | 41 | 25 | 62 | 65 | 3 | 14 | <4 | 25 | 21 | 1140 | 3 | 8 | 22 | 41 | 29 | 19 | <50 | 217 | <40 | 7 | <100 | 188 | 22 | 3 | 141 |
| 211 | MH174S | 27 | 33 | 236 | 76 | <2 | 11 | <4 | 17 | 36 | 1170 | 4 | 7 | 21 | 80 | 11 | 33 | <50 | 253 | <40 | <6 | <100 | 282 | 21 | 3 | 90 |
| 212 | MH173S | 32 | 26 | 148 | 93 | 2 | 13 | <4 | 20 | 35 | 1020 | 3 | 9 | 23 | 83 | 9 | 26 | <50 | 255 | <40 | <6 | <100 | 240 | 20 | 2 | 97 |
| 213 | MH356S | 36 | 31 | 140 | 115 | <2 | 12 | <4 | 23 | 41 | 1030 | 3 | 10 | 19 | 96 | 15 | 27 | <50 | 313 | <40 | <6 | <100 | 275 | 24 | 3 | 104 |
| 214 | MH357S | 33 | 33 | 43 | 1510 | <2 | 12 | <4 | 14 | 12 | 1320 | 8 | <4 | 20 | 27 | 19 | 25 | <50 | 144 | <40 | <6 | <100 | 155 | 34 | 4 | 144 |
| 215 | MH164S | 30 | 26 | 97 | 96 | 2 | 14 | <4 | 18 | 35 | 925 | 7 | 9 | 18 | 58 | 8 | 21 | <50 | 221 | <40 | <6 | <100 | 201 | 20 | 3 | 142 |
| 216 | MH163S | 32 | 35 | 227 | 83 | <2 | 13 | <4 | 23 | 31 | 1210 | 5 | 9 | 21 | 84 | 13 | 27 | <50 | 302 | <40 | <6 | <100 | 375 | 28 | 3 | 109 |
| 217 | MH162S | 24 | 33 | 154 | 102 | <2 | 13 | <4 | 16 | 29 | 1170 | 4 | 9 | 22 | 69 | 10 | 36 | <50 | 306 | <40 | <6 | <100 | 363 | 19 | 3 | 107 |
| 218 | MH161S | 23 | 39 | 265 | 83 | <2 | 10 | <4 | 15 | 25 | 1210 | 2 | 11 | 15 | 86 | 14 | 38 | <50 | 256 | <40 | <6 | <100 | 307 | 23 | 3 | 158 |
| 220 | MH160S | 23 | 30 | 146 | 84 | <2 | 14 | <4 | 13 | 26 | 1060 | 2 | 9 | 14 | 73 | 9 | 32 | <50 | 288 | <40 | <6 | <100 | 273 | 21 | 3 | 126 |
| 221 | MH159S | 19 | 24 | 22 | 260 | <2 | 13 | <4 | 9 | 9 | 1080 | 3 | 7 | 11 | 15 | 68 | 23 | <50 | 120 | <40 | <6 | <100 | 150 | 18 | 3 | 367 |
| 222 | MH158S | 29 | 31 | 60 | 141 | <2 | 11 | <4 | 15 | 12 | 1790 | 3 | 5 | 15 | 21 | 15 | 24 | <50 | 151 | <40 | <6 | <100 | 173 | 21 | 3 | 139 |
| 223 | MH355S | 29 | 21 | 93 | 98 | <2 | 13 | <4 | 16 | 14 | 1240 | 5 | 7 | 14 | 40 | 11 | 27 | <50 | 213 | <40 | <6 | <100 | 220 | 20 | 3 | 121 |
| 224 | MH354S | 30 | 6 | 30 | 15 | <2 | 9 | <4 | 16 | 6 | 584 | 2 | <4 | 10 | 26 | 16 | 9 | <50 | 74 | <40 | <6 | <100 | 58 | 16 | 3 | 77 |
| 225 | MH176S | 39 | 27 | 106 | 57 | 2 | 13 | <4 | 24 | 27 | 990 | 3 | 9 | 20 | 71 | 16 | 19 | <50 | 206 | <40 | <6 | <100 | 174 | 20 | 3 | 182 |
| 226 | MH352S | 26 | 23 | 102 | 62 | <2 | 12 | <4 | 13 | 15 | 1080 | <2 | 8 | 14 | 60 | 12 | 26 | <50 | 230 | <40 | <6 | <100 | 207 | 22 | 3 | 105 |
| 227 | MH157S | 22 | 35 | 57 | 185 | <2 | 14 | <4 | 11 | 11 | 1410 | 2 | 6 | 12 | 38 | 83 | 33 | <50 | 117 | <40 | <6 | <100 | 227 | 20 | 3 | 249 |
| 228 | MH156S | 32 | 24 | 157 | 155 | <2 | 13 | <4 | 18 | 14 | 983 | 3 | 10 | 18 | 55 | 9 | 22 | <50 | 248 | <40 | <6 | <100 | 182 | 22 | 3 | 122 |
| 229 | MH155S | 22 | 29 | 260 | 73 | <2 | 12 | <4 | 11 | 13 | 1040 | <2 | 9 | 13 | 110 | 11 | 29 | <50 | 130 | <40 | <6 | <100 | 235 | 20 | 3 | 119 |
| 230 | MH353S | 31 | 27 | 116 | 133 | <2 | 12 | <4 | 17 | 14 | 1170 | 4 | 8 | 16 | 56 | 16 | 24 | <50 | 213 | <40 | <6 | <100 | 229 | 21 | 3 | 141 |
| 231 | MH153S | 21 | 22 | 75 | 51 | <2 | 10 | <4 | 14 | 26 | 716 | <2 | 9 | 11 | 51 | 10 | 25 | <50 | 266 | <40 | <6 | <100 | 176 | 17 | 2 | 103 |
| 232 | MH154S | 25 | 23 | 112 | 50 | <2 | 12 | <4 | 13 | 12 | 1080 | <2 | 14 | 14 | 49 | 4 | 25 | <50 | 272 | <40 | <6 | <100 | 301 | 19 | 3 | 95 |
| 233 | MH369S | 28 | 21 | 83 | 68 | <2 | 13 | <4 | 15 | 14 | 1040 | 3 | 9 | 14 | 48 | 11 | 24 | <50 | 213 | <40 | <6 | <100 | 205 | 22 | 3 | 101 |
| 234 | MH368S | 37 | 20 | 66 | 46 | <2 | 14 | <4 | 20 | 16 | 984 | 3 | 8 | 17 | 44 | 15 | 20 | <50 | 191 | <40 | <6 | <100 | 142 | 26 | 3 | 91 |
| 235 | MH367S | 33 | 14 | 54 | 48 | <2 | 13 | <4 | 19 | 21 | 637 | 3 | 9 | 18 | 37 | 8 | 18 | <50 | 295 | <40 | <6 | <100 | 147 | 20 | 2 | 74 |
| 236 | MH370S | 25 | 23 | 93 | 48 | <2 | 13 | <4 | 12 | 34 | 595 | 4 | 9 | 12 | 69 | 8 | 22 | <50 | 226 | <40 | <6 | <100 | 173 | 17 | 2 | 140 |

Table 7. Analytical results for USGS stream sediment samples

| Map no. | Sample no. | Au_FA ppm | Ir ppb | Os ppb | Pd ppm | Pt ppm | Re ppb | Rh ppm | Ru ppb | Ag ppm | Al pct | As ppm | Ca pct | Fe pct | K pct | Mg pct | Na pct | P pct | Ti pct | Au ppm | Ba ppm | Be ppm | Bi ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 237 | MH366S | 0.039 | | | 0.089 | <0.05 | | | | <2 | 7.665 | 14 | 2.355 | 5.11 | 1.44 | 2.688 | 1.705 | 0.06 | 0.49 | <8 | 832 | 1 | <50 | <2 |
| 238 | MH152S | 0.02 | | | 0.006 | <0.05 | | | | <2 | 7.607 | <10 | 2.258 | 4.99 | 1.31 | 1.78 | 1.72 | 0.07 | 0.325 | <8 | 994 | 1 | <50 | <2 |
| 239 | MH365S | 0.033 | | | 0.062 | <0.05 | | | | <2 | 7.5 | <10 | 2.355 | 4.61 | 1.34 | 2.672 | 1.955 | 0.05 | 0.38 | <8 | 728 | <1 | <50 | <2 |
| 240 | MH364S | 0.033 | | | 0.053 | <0.05 | | | | <2 | 7.84 | <10 | 2.3 | 5.58 | 1.27 | 2.384 | 2.075 | 0.06 | 0.51 | <8 | 800 | 1 | <50 | 3 |
| 241 | MH363S | 0.031 | | | <0.005 | <0.05 | | | | <2 | 7.9 | 18 | 3.31 | 6.84 | 0.95 | 2.993 | 1.76 | 0.045 | 0.46 | <8 | 575 | <1 | <50 | <2 |
| 242 | MH362S | 0.028 | | | <0.005 | <0.05 | | | | <2 | 6.98 | 16 | 2.31 | 4.26 | 1.4 | 1.743 | 1.575 | 0.105 | 0.42 | <8 | 890 | 1 | <50 | 2 |
| 243 | MH358S | 0.053 | | | <0.005 | <0.05 | | | | <2 | 6.12 | <10 | 5.545 | 9.95 | 0.98 | 4.19 | 1.14 | 0.125 | 0.605 | <8 | 498 | 1 | <50 | <2 |
| 244 | MH151S | 0.021 | | | 0.02 | <0.05 | | | | <2 | 7.623 | 11 | 5.402 | 7.19 | 1.71 | 2.368 | 1.925 | 0.085 | 0.475 | <8 | 477 | 1 | <50 | <2 |
| 245 | MH147S | 0.032 | | | 0.01 | <0.05 | | | | <2 | 6.017 | 73 | 2.179 | 5.86 | 2.02 | 1.281 | 0.695 | 0.08 | 0.42 | <8 | 568 | 2 | <50 | <2 |
| 246 | MH146S | 0.011 | | | 0.028 | <0.05 | | | | <2 | 6.893 | 14 | 3.964 | 5.64 | 1.5 | 2.237 | 1.29 | 0.075 | 0.445 | <8 | 1020 | 1 | <50 | <2 |
| 247 | MH143S | 0.03 | | | 0.061 | <0.05 | | | | <2 | 7.292 | <10 | 4.772 | 7.46 | 1.17 | 3.617 | 1.99 | 0.07 | 0.485 | <8 | 506 | <1 | <50 | <2 |
| 248 | MH371S | 0.018 | | | 0.04 | 0.08 | | | | <2 | 6.645 | 11 | 8.335 | 5.64 | 1.02 | 3.05 | 1.5 | 0.05 | 0.42 | <8 | 452 | <1 | <50 | <2 |
| 249 | MH372S | 0.029 | | | 0.069 | 0.07 | | | | <2 | 7.17 | <10 | 5.505 | 5.48 | 0.95 | 2.972 | 1.95 | 0.065 | 0.5 | <8 | 693 | 1 | <50 | <2 |
| 250 | MH373S | 0.031 | | | 0.044 | <0.05 | | | | <2 | 6.585 | 13 | 5.095 | 4.57 | 1.66 | 2.273 | 1.225 | 0.06 | 0.42 | <8 | 573 | 2 | <50 | <2 |
| 251 | MH374S | 0.034 | | | 0.054 | <0.05 | | | | <2 | 6.875 | 11 | 3.91 | 4.89 | 1.55 | 2.111 | 1.605 | 0.07 | 0.525 | <8 | 851 | 1 | <50 | <2 |
| 252 | MH375S | 0.034 | | | 0.067 | <0.05 | | | | <2 | 6.815 | 15 | 5.205 | 4.68 | 1.71 | 2.074 | 1.635 | 0.075 | 0.515 | <8 | 1870 | 1 | <50 | <2 |
| 253 | MH376S | 0.036 | | | 0.052 | <0.05 | | | | <2 | 6.81 | 16 | 3.64 | 4.85 | 1.31 | 2.042 | 1.84 | 0.07 | 0.52 | <8 | 705 | 1 | <50 | <2 |
| 254 | MH121S | 0.008 | | | <0.005 | <0.05 | | | | <2 | 7.565 | 32 | 3.266 | 4.47 | 1.82 | 1.706 | 1.405 | 0.075 | 0.4 | <8 | 952 | 2 | <50 | <2 |
| 255 | MH122S | 0.014 | | | <0.005 | <0.05 | | | | <2 | 7.308 | <10 | 7.235 | 8.74 | 0.82 | 4.253 | 2.08 | 0.045 | 0.81 | <8 | 203 | <1 | <50 | <2 |
| 256 | MH123S | 0.039 | | | <0.005 | <0.05 | | | | <2 | 5.817 | 33 | 12.48 | 5.44 | 1.14 | 2.221 | 1.145 | 0.065 | 0.275 | <8 | 337 | <1 | <50 | <2 |
| 257 | MH124S | 0.014 | | | <0.005 | <0.05 | | | | <2 | 7.481 | 20 | 2.825 | 6.02 | 1.54 | 3.638 | 1.635 | 0.1 | 0.42 | <8 | 750 | 1 | <50 | 2 |
| 258 | MH140S | 0.034 | | | <0.005 | 0.08 | | | | <2 | 7.649 | 28 | 3.397 | 7.37 | 0.98 | 3.035 | 1.435 | 0.055 | 0.41 | <8 | 717 | <1 | <50 | <2 |
| 259 | MH139S | 0.008 | | | <0.005 | <0.05 | | | | <2 | 7.35 | <10 | 5.707 | 7.64 | 1.05 | 4.148 | 1.785 | 0.08 | 0.62 | <8 | 387 | 1 | <50 | 3 |
| 260 | MH134S | 0.018 | | | <0.005 | <0.05 | | | | <2 | 7.66 | 17 | 4.636 | 5.81 | 1.39 | 2.657 | 1.42 | 0.095 | 0.445 | <8 | 805 | 1 | <50 | <2 |
| 261 | MH135S | 0.014 | | | 0.018 | <0.05 | | | | <2 | 7.56 | 18 | 2.284 | 4.89 | 1.76 | 1.685 | 1.635 | 0.09 | 0.465 | <8 | 876 | 1 | <50 | <2 |
| 262 | MH138S | 0.019 | | | <0.005 | <0.05 | | | | <2 | 7.539 | <10 | 4.352 | 6.25 | 1.39 | 2.882 | 1.75 | 0.09 | 0.55 | <8 | 706 | 1 | <50 | <2 |
| 263 | MH137S | 0.005 | | | <0.005 | <0.05 | | | | <2 | 8.174 | 37 | 2.079 | 5.28 | 1.59 | 2.132 | 1.91 | 0.1 | 0.49 | <8 | 675 | 2 | <50 | <2 |
| 264 | MH136S | 0.016 | | | <0.005 | <0.05 | | | | <2 | 7.403 | 39 | 1.444 | 4.81 | 2.09 | 1.281 | 1.245 | 0.125 | 0.43 | <8 | 2300 | 2 | <50 | 5 |

Table 7. Analytical results for USGS stream sediment samples

| Map no. | Sample no. | Ce ppm | Co ppm | Cr ppm | Cu ppm | Eu ppm | Ga ppm | Ho ppm | La ppm | Li ppm | Mn ppm | Mo ppm | Nb ppm | Nd ppm | Ni ppm | Pb ppm | Sc ppm | Sn ppm | Sr ppm | Ta ppm | Th ppm | U ppm | V ppm | Y ppm | Yb ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 237 | MH366S | 31 | 25 | 105 | 58 | <2 | 13 | <4 | 16 | 18 | 971 | 3 | 9 | 15 | 73 | 9 | 25 | <50 | 198 | <40 | <6 | <100 | 179 | 25 | 3 | 86 |
| 238 | MH152S | 28 | 25 | 73 | 92 | <2 | 12 | <4 | 15 | 8 | 1060 | 3 | 6 | 16 | 30 | 15 | 19 | <50 | 351 | <40 | <6 | <100 | 167 | 24 | 3 | 99 |
| 239 | MH365S | 24 | 21 | 86 | 48 | <2 | 13 | <4 | 12 | 13 | 935 | 2 | 6 | 12 | 57 | 7 | 21 | <50 | 177 | <40 | <6 | <100 | 148 | 19 | 3 | 114 |
| 240 | MH364S | 22 | 22 | 73 | 73 | <2 | 13 | <4 | 11 | 14 | 1110 | 3 | 8 | 12 | 41 | 41 | 26 | <50 | 195 | <40 | <6 | <100 | 220 | 19 | 3 | 187 |
| 241 | MH363S | 16 | 33 | 94 | 115 | <2 | 14 | <4 | 9 | 16 | 1220 | 4 | 6 | 10 | 57 | 14 | 31 | <50 | 172 | <40 | <6 | <100 | 274 | 19 | 3 | 112 |
| 242 | MH362S | 35 | 20 | 80 | 84 | <2 | 15 | <4 | 19 | 32 | 617 | 4 | 9 | 18 | 60 | 11 | 20 | <50 | 266 | <40 | <6 | <100 | 238 | 18 | 2 | 122 |
| 243 | MH358S | 20 | 42 | 354 | 93 | <2 | 11 | <4 | 13 | 21 | 1550 | 5 | 6 | 16 | 120 | 6 | 42 | <50 | 422 | <40 | <6 | <100 | 472 | 20 | 3 | 123 |
| 244 | MH151S | 20 | 25 | 72 | 60 | <2 | 14 | <4 | 11 | 26 | 1240 | 2 | 9 | 13 | 41 | <4 | 24 | <50 | 421 | <40 | <6 | <100 | 309 | 21 | 3 | 97 |
| 245 | MH147S | 65 | 28 | 294 | 102 | <2 | 13 | <4 | 38 | 31 | 514 | 9 | 13 | 30 | 85 | 36 | 14 | <50 | 202 | <40 | 9 | <100 | 157 | 13 | 2 | 210 |
| 246 | MH146S | 56 | 28 | 63 | 104 | 3 | 12 | <4 | 30 | 24 | 985 | 4 | 10 | 26 | 63 | 9 | 24 | <50 | 152 | <40 | 7 | <100 | 191 | 14 | 2 | 94 |
| 247 | MH143S | 14 | 38 | 129 | 110 | <2 | 11 | <4 | 11 | 18 | 1210 | 4 | 7 | 11 | 90 | 5 | 32 | <50 | 245 | <40 | <6 | <100 | 302 | 21 | 3 | 95 |
| 248 | MH371S | 21 | 29 | 116 | 79 | <2 | 11 | <4 | 12 | 27 | 959 | 4 | 7 | 11 | 80 | 6 | 30 | <50 | 269 | <40 | <6 | <100 | 231 | 18 | 3 | 88 |
| 249 | MH372S | 22 | 35 | 137 | 77 | <2 | 12 | <4 | 12 | 15 | 1080 | 4 | 8 | 12 | 297 | 16 | 28 | <50 | 319 | <40 | <6 | <100 | 239 | 18 | 2 | 88 |
| 250 | MH373S | 35 | 22 | 117 | 40 | <2 | 12 | <4 | 18 | 26 | 570 | 5 | 10 | 16 | 63 | 11 | 22 | <50 | 198 | <40 | <6 | <100 | 174 | 18 | 2 | 112 |
| 251 | MH374S | 41 | 22 | 109 | 42 | <2 | 12 | <4 | 21 | 20 | 795 | 3 | 12 | 18 | 63 | 11 | 22 | <50 | 273 | <40 | 6 | <100 | 207 | 20 | 2 | 95 |
| 252 | MH375S | 38 | 21 | 69 | 34 | <2 | 12 | <4 | 21 | 17 | 840 | 3 | 10 | 18 | 53 | 11 | 21 | <50 | 304 | <40 | <6 | <100 | 192 | 21 | 3 | 80 |
| 253 | MH376S | 37 | 21 | 71 | 37 | <2 | 12 | <4 | 19 | 21 | 833 | 3 | 11 | 17 | 48 | 8 | 22 | <50 | 307 | <40 | <6 | <100 | 206 | 20 | 3 | 80 |
| 254 | MH121S | 59 | 20 | 55 | 43 | <2 | 13 | <4 | 30 | 26 | 783 | <2 | 13 | 25 | 46 | 17 | 20 | <50 | 299 | <40 | 10 | <100 | 145 | 25 | 3 | 93 |
| 255 | MH122S | 9 | 37 | 138 | 100 | <2 | 13 | <4 | 6 | 15 | 1020 | 3 | 9 | 10 | 97 | <4 | 37 | <50 | 217 | <40 | <6 | <100 | 335 | 23 | 3 | 72 |
| 256 | MH123S | 18 | 22 | 58 | 214 | <2 | 9 | <4 | 11 | 9 | 1090 | 14 | <4 | 11 | 42 | 7 | 19 | <50 | 508 | <40 | <6 | <100 | 182 | 14 | 2 | 106 |
| 257 | MH124S | 24 | 39 | 120 | 161 | <2 | 14 | <4 | 14 | 29 | 1160 | 6 | 8 | 16 | 179 | 6 | 22 | <50 | 310 | <40 | <6 | <100 | 205 | 22 | 3 | 106 |
| 258 | MH140S | 13 | 40 | 117 | 189 | <2 | 12 | <4 | 8 | 19 | 1200 | 3 | 5 | 10 | 55 | 13 | 34 | <50 | 162 | <40 | <6 | <100 | 257 | 19 | 2 | 116 |
| 259 | MH139S | 16 | 35 | 287 | 99 | <2 | 13 | <4 | 10 | 23 | 1070 | 3 | 9 | 12 | 97 | <4 | 34 | <50 | 335 | <40 | <6 | <100 | 288 | 20 | 2 | 90 |
| 260 | MH134S | 33 | 25 | 113 | 81 | <2 | 15 | <4 | 21 | 38 | 945 | 3 | 9 | 20 | 64 | 4 | 31 | <50 | 460 | <40 | <6 | <100 | 247 | 19 | 2 | 96 |
| 261 | MH135S | 29 | 20 | 50 | 86 | <2 | 14 | <4 | 16 | 70 | 690 | 2 | 11 | 17 | 46 | 8 | 22 | <50 | 213 | <40 | <6 | <100 | 204 | 15 | 2 | 146 |
| 262 | MH138S | 25 | 25 | 177 | 91 | <2 | 13 | <4 | 16 | 45 | 958 | 2 | 11 | 16 | 69 | 6 | 29 | <50 | 311 | <40 | <6 | <100 | 268 | 18 | 2 | 103 |
| 263 | MH137S | 28 | 24 | 54 | 85 | <2 | 14 | <4 | 16 | 34 | 827 | 2 | 11 | 16 | 50 | 10 | 21 | <50 | 280 | <40 | <6 | <100 | 204 | 20 | 3 | 113 |
| 264 | MH136S | 43 | 24 | 43 | 88 | 2 | 14 | <4 | 25 | 65 | 766 | 6 | 12 | 23 | 86 | 15 | 18 | <50 | 179 | <40 | <6 | <100 | 259 | 11 | 1 | 322 |

## TABLE 8. COORDINATES FOR SAMPLE LOCATIONS

Coordinates are expressed in decimal degrees using the North American Datum, 1927 (NAD27).

| Sample no. | Latitude | Longitude |
|---|---|---|
| 1021 | 63.34860 | -145.70542 |
| 1022 | 63.34623 | -145.70332 |
| 1023 | 63.31991 | -145.96700 |
| 1024 | 63.80151 | -146.53581 |
| 1025 | 63.30118 | -146.05137 |
| 1026 | 63.30577 | -146.04094 |
| 1027 | 63.30598 | -146.04115 |
| 1028 | 63.30407 | -146.04270 |
| 1029 | 63.24031 | -145.58789 |
| 1030 | 63.20944 | -145.44743 |
| 1031 | 63.20271 | -145.37045 |
| 1032 | 63.20312 | -145.37074 |
| 1033 | 63.20333 | -145.36832 |
| 1034 | 63.20398 | -145.36475 |
| 1035 | 63.20441 | -145.36554 |
| 1036 | 63.19447 | -145.33830 |
| 1037 | 63.21874 | -145.31852 |
| 1038 | 63.22708 | -145.32235 |
| 1039 | 63.23397 | -145.17620 |
| 1040 | 63.21442 | -145.14291 |
| 1041 | 63.21499 | -145.14430 |
| 1042 | 63.20166 | -145.12449 |
| 1043 | 63.30179 | -146.49166 |
| 1044 | 63.27975 | -146.30967 |
| 1045 | 63.35238 | -145.65888 |
| 1046 | 63.35223 | -145.65928 |
| 1047 | 63.30561 | -145.42825 |
| 1048 | 63.29045 | -145.42042 |
| 1049 | 63.29044 | -145.42042 |
| 2647 | 63.23194 | -146.05127 |
| 2648 | 63.23193 | -146.05186 |
| 2649 | 63.23370 | -146.05237 |
| 2650 | 63.12045 | -146.52932 |
| 2651 | 63.09021 | -146.32980 |
| 2652 | 63.07070 | -146.10429 |
| 2653 | 63.04508 | -146.02410 |
| 2654 | 63.06786 | -145.51169 |
| 2655 | 63.17039 | -145.52998 |
| 2656 | 63.21214 | -145.63751 |
| 2657 | 63.22409 | -145.64829 |
| 2658 | 63.37422 | -145.72918 |
| 2659 | 63.31938 | -146.26496 |
| 2660 | 63.31357 | -145.98547 |
| 2661 | 63.31340 | -145.98255 |
| 2662 | 63.31365 | -145.98238 |
| 2663 | 63.33240 | -146.49234 |
| 2664 | 63.33148 | -146.49325 |
| 2665 | 63.30951 | -146.49672 |
| 2666 | 63.30661 | -146.49505 |
| 2667 | 63.30299 | -146.49759 |
| 2668 | 63.29561 | -146.46180 |
| 2669 | 63.30823 | -146.38188 |
| 2670 | 63.31919 | -146.32574 |
| 2671 | 63.29630 | -146.30652 |
| 2672 | 63.29665 | -146.29235 |
| 2673 | 63.31494 | -146.28312 |
| 2674 | 63.31532 | -146.28242 |
| 2675 | 63.29666 | -146.22721 |
| 2676 | 63.30570 | -146.19171 |
| 2677 | 63.33864 | -146.18100 |
| 2678 | 63.35737 | -146.17330 |
| 2679 | 63.30027 | -146.09953 |
| 2680 | 63.30209 | -146.49182 |
| 2681 | 63.27975 | -146.30967 |
| 2877 | 63.21717 | -145.95788 |
| 2878 | 63.31851 | -146.00135 |
| 2879 | 63.31861 | -146.00268 |
| 2880 | 63.31357 | -145.96433 |
| 2881 | 63.31421 | -145.96482 |
| 2882 | 63.30007 | -145.76888 |
| 2883 | 63.33333 | -145.84434 |
| 2884 | 63.34151 | -145.85201 |
| 2885 | 63.34158 | -145.85295 |
| 2886 | 63.34167 | -145.85298 |
| 2887 | 63.27391 | -145.55960 |
| 2921 | 63.19030 | -145.05735 |
| 2922 | 63.20060 | -145.00141 |
| 2923 | 63.21595 | -144.99103 |
| 2924 | 63.18907 | -144.96598 |
| 2925 | 63.16977 | -145.00585 |
| 2926 | 63.18605 | -144.81995 |
| 2927 | 63.21338 | -144.84229 |
| 2928 | 63.21459 | -144.84076 |
| 2929 | 63.21092 | -144.83432 |
| 2930 | 63.16890 | -144.88209 |
| 2931 | 63.21266 | -145.04008 |
| 6962 | 63.35631 | -145.69872 |
| 6963 | 63.35630 | -145.69862 |
| 6964 | 63.35377 | -145.70019 |
| 6965 | 63.34648 | -145.70337 |
| 6966 | 63.34473 | -145.70381 |
| 6967 | 63.59757 | -146.24929 |
| 6968 | 63.59936 | -146.24909 |
| 6969 | 63.59934 | -146.24897 |

| Sample no. | Latitude | Longitude |
|---|---|---|
| 6970 | 63.59850 | -146.24792 |
| 6971 | 63.59879 | -146.24823 |
| 6972 | 63.71310 | -146.74221 |
| 6973 | 63.68665 | -146.55192 |
| 6974 | 63.33067 | -145.59248 |
| 6975 | 63.32851 | -145.58858 |
| 6976 | 63.17593 | -144.82328 |
| 6977 | 63.17592 | -144.82332 |
| 6978 | 63.17397 | -144.82525 |
| 6979 | 63.32038 | -145.97254 |
| 6980 | 63.32042 | -145.97256 |
| 6981 | 63.32059 | -145.96698 |
| 6982 | 63.32071 | -145.96582 |
| 6983 | 63.31704 | -145.99034 |
| 6984 | 63.31799 | -145.99197 |
| 6985 | 63.72409 | -145.47318 |
| 6986 | 63.59206 | -145.23866 |
| 6987 | 63.80150 | -146.53580 |
| 6988 | 63.80720 | -146.51679 |
| 6989 | 63.21714 | -145.95783 |
| 6990 | 63.21718 | -145.95781 |
| 6991 | 63.21692 | -145.95803 |
| 6992 | 63.21608 | -145.95554 |
| 6993 | 63.24176 | -146.05909 |
| 6994 | 63.24294 | -146.05966 |
| 6995 | 63.34101 | -145.77825 |
| 6996 | 63.34130 | -145.77889 |
| 6997 | 63.33614 | -145.77179 |
| 6998 | 63.33597 | -145.77173 |
| 6999 | 63.32289 | -145.89287 |
| 7000 | 63.35240 | -145.65901 |
| 9274 | 63.33504 | -145.63039 |
| 9275 | 63.30604 | -145.42908 |
| 9276 | 63.29024 | -145.42135 |
| 9752 | 63.34868 | -145.70564 |
| 9753 | 63.34339 | -145.70530 |
| 9754 | 63.23200 | -146.05008 |
| 9755 | 63.59938 | -146.24385 |
| 9756 | 63.59840 | -146.24852 |
| 9757 | 63.59806 | -146.24592 |
| 9758 | 63.71295 | -146.73777 |
| 9759 | 63.31958 | -146.26497 |
| 9760 | 63.31107 | -146.18861 |
| 9761 | 63.31359 | -145.98495 |
| 9762 | 63.31358 | -145.98495 |
| 9763 | 63.31342 | -145.98659 |
| 9764 | 63.31372 | -145.98632 |
| 10000 | 63.09049 | -145.62929 |
| 10001 | 63.09021 | -145.62900 |
| 10002 | 63.08622 | -145.64210 |
| 10003 | 63.08612 | -145.64221 |
| 10004 | 63.34226 | -145.70688 |

| Sample no. | Latitude | Longitude |
|---|---|---|
| 10005 | 63.34214 | -145.70659 |
| 10006 | 63.31703 | -146.24906 |
| 10007 | 63.30523 | -146.28254 |
| 10008 | 63.27933 | -146.30932 |
| 10009 | 63.13163 | -145.47169 |
| 10010 | 63.31604 | -146.39223 |
| 10011 | 63.31860 | -146.39055 |
| 10012 | 63.31266 | -146.38246 |
| 10013 | 63.30893 | -146.43883 |
| 10014 | 63.30718 | -146.43686 |
| 10015 | 63.31092 | -146.31383 |
| 10016 | 63.31088 | -146.31210 |
| 10017 | 63.29303 | -145.55739 |
| 10018 | 63.29269 | -145.55565 |
| 10019 | 63.31336 | -145.98260 |
| 10020 | 63.31347 | -145.98270 |
| 10021 | 63.26199 | -146.40695 |
| 10022 | 63.26199 | -146.40689 |
| 10023 | 63.26196 | -146.40683 |
| 10024 | 63.26199 | -146.40695 |
| 10025 | 63.28818 | -146.37008 |
| 10026 | 63.28959 | -146.37048 |
| 10027 | 63.28948 | -146.37008 |
| 10028 | 63.06829 | -145.75284 |
| 10029 | 63.32090 | -146.39839 |
| 10030 | 63.32065 | -146.39749 |
| 10031 | 63.32093 | -146.39399 |
| 10032 | 63.31330 | -145.98533 |
| 10033 | 63.32761 | -145.93011 |
| 10034 | 63.32810 | -145.92923 |
| 10035 | 63.33516 | -145.89867 |
| 10036 | 63.33368 | -145.89842 |
| 10037 | 63.33118 | -145.89633 |
| 10038 | 63.32568 | -145.90226 |
| 10039 | 63.32086 | -145.91008 |
| 10040 | 63.32089 | -145.91035 |
| 10041 | 63.32089 | -145.91031 |
| 10042 | 63.09000 | -145.62819 |
| 10043 | 63.08982 | -145.62812 |
| 10044 | 63.08984 | -145.62823 |
| 10045 | 63.09013 | -145.62800 |
| 10046 | 63.09030 | -145.62904 |
| 10047 | 63.09050 | -145.62981 |
| 10048 | 63.63296 | -145.85884 |
| 10049 | 63.63296 | -145.85884 |
| 10050 | 63.52588 | -145.84276 |
| 10051 | 63.71779 | -145.77296 |
| 10052 | 63.71884 | -145.76921 |
| 10053 | 63.71872 | -145.76878 |
| 10054 | 63.32998 | -145.86063 |
| 10055 | 63.32905 | -145.86179 |
| 10056 | 63.32804 | -145.86223 |

| Sample no. | Latitude | Longitude |
|---|---|---|
| 10057 | 63.32816 | -145.86230 |
| 10058 | 63.32865 | -145.86125 |
| 10059 | 63.32159 | -145.84778 |
| 10060 | 63.31641 | -145.92137 |
| 10061 | 63.31418 | -145.87633 |
| 10062 | 63.31790 | -145.86790 |
| 10063 | 63.33880 | -145.97490 |
| 10064 | 63.05801 | -145.74858 |
| 10065 | 63.05782 | -145.74826 |
| 10066 | 63.06762 | -145.74516 |
| 10067 | 63.20944 | -145.90441 |
| 10068 | 63.30530 | -145.95666 |
| 10069 | 63.31423 | -145.98485 |
| 10070 | 63.31404 | -145.98402 |
| 10071 | 63.31385 | -145.98539 |
| 10072 | 63.30903 | -146.28041 |
| 10073 | 63.30720 | -146.27872 |
| 10074 | 63.30931 | -146.26505 |
| 10075 | 63.29928 | -146.41890 |
| 10076 | 63.31557 | -145.87787 |
| 10077 | 63.31552 | -145.87772 |
| 10078 | 63.30541 | -145.95690 |
| 10100 | 63.52479 | -145.82379 |
| 10101 | 63.52480 | -145.82397 |
| 10102 | 63.52483 | -145.82397 |
| 10103 | 63.52482 | -145.82395 |
| 10104 | 63.52483 | -145.82393 |
| 10105 | 63.52555 | -145.81945 |
| 10106 | 63.32708 | -145.68726 |
| 10107 | 63.17618 | -144.99700 |
| 10108 | 63.17537 | -144.99684 |
| 10109 | 63.33356 | -145.72455 |
| 10110 | 63.33410 | -145.72672 |
| 10111 | 63.52548 | -145.84823 |
| 10112 | 63.52501 | -145.82440 |
| 10113 | 63.17042 | -145.53191 |
| 10114 | 63.16989 | -145.53597 |
| 10115 | 63.18107 | -145.53777 |
| 10116 | 63.18105 | -145.53777 |
| 10117 | 63.32191 | -145.72555 |
| 10118 | 63.32239 | -145.72504 |
| 10119 | 63.01793 | -145.49155 |
| 10120 | 63.03728 | -145.56208 |
| 10121 | 63.03730 | -145.56200 |
| 10122 | 63.21614 | -145.11132 |
| 10123 | 63.21455 | -145.11278 |
| 10124 | 63.22660 | -145.41879 |
| 10125 | 63.14079 | -144.81336 |
| 10126 | 63.14114 | -144.81361 |
| 10127 | 63.14149 | -144.81467 |
| 10128 | 63.14155 | -144.81441 |
| 10129 | 63.14135 | -144.81423 |
| 10130 | 63.35669 | -145.69868 |
| 10131 | 63.35655 | -145.69869 |
| 10132 | 63.35629 | -145.69878 |
| 10133 | 63.35599 | -145.69881 |
| 10134 | 63.35593 | -145.69899 |
| 10135 | 63.35591 | -145.69871 |
| 10136 | 63.35488 | -145.70030 |
| 10137 | 63.35457 | -145.70031 |
| 10138 | 63.35382 | -145.70031 |
| 10139 | 63.35382 | -145.70033 |
| 10140 | 63.35377 | -145.70031 |
| 10141 | 63.30933 | -146.07550 |
| 10142 | 63.30829 | -146.08078 |
| 10143 | 63.30868 | -145.98445 |
| 10144 | 63.30416 | -145.98205 |
| 10145 | 63.30345 | -145.98154 |
| 10146 | 63.30474 | -145.98239 |
| 10147 | 63.32090 | -146.03242 |
| 10148 | 63.32076 | -146.03419 |
| 10149 | 63.32325 | -146.06698 |
| 10150 | 63.32197 | -146.06499 |
| 10151 | 63.31632 | -146.05218 |
| 10152 | 63.29369 | -145.94638 |
| 10153 | 63.29251 | -145.94106 |
| 10154 | 63.28983 | -145.41588 |
| 10155 | 63.29006 | -145.42078 |
| 10156 | 63.29033 | -145.42100 |
| 10157 | 63.29038 | -145.42125 |
| 10158 | 63.29106 | -145.42131 |
| 10159 | 63.30975 | -145.63067 |
| 10160 | 63.32805 | -146.08824 |
| 10161 | 63.32146 | -145.65209 |
| 10162 | 63.32162 | -145.65248 |
| 10163 | 63.32169 | -145.65242 |
| 10164 | 63.23174 | -146.43624 |
| 10165 | 63.62237 | -145.76985 |
| 10166 | 63.61639 | -145.72221 |
| 10167 | 63.29898 | -145.67275 |
| 10168 | 63.33121 | -145.73129 |
| 10169 | 63.34576 | -145.69829 |
| 10170 | 63.34631 | -145.69934 |
| 10171 | 63.61250 | -146.17753 |
| 10172 | 63.71588 | -146.56592 |
| 10173 | 63.71588 | -146.56597 |
| 10174 | 63.70170 | -145.43664 |
| 10175 | 63.72504 | -145.47115 |
| 10176 | 63.33038 | -145.86117 |
| 10177 | 63.32816 | -145.86218 |
| 10178 | 63.32816 | -145.86217 |
| 10179 | 63.32169 | -145.84771 |
| 10180 | 63.31687 | -145.92162 |
| 10181 | 63.23564 | -146.06592 |

| Sample no. | Latitude | Longitude |
| --- | --- | --- |
| 10182 | 63.23336 | -146.03806 |
| 10183 | 63.30420 | -145.99664 |
| 10184 | 63.30392 | -145.99585 |
| 10185 | 63.30467 | -145.99686 |
| 10186 | 63.30494 | -145.99729 |
| 10187 | 63.29844 | -145.98084 |
| 10188 | 63.23564 | -145.55960 |
| 10189 | 63.27305 | -145.59329 |
| 10190 | 63.26342 | -145.56471 |
| 10191 | 63.10026 | -145.74147 |
| 10192 | 63.26279 | -145.56669 |
| 10200 | 63.09121 | -145.62648 |
| 10201 | 63.09074 | -145.62945 |
| 10202 | 63.09016 | -145.62805 |
| 10203 | 63.09050 | -145.62984 |
| 10204 | 63.05577 | -145.58443 |
| 10205 | 63.32162 | -145.72574 |
| 10206 | 63.01982 | -145.49015 |
| 10207 | 63.35494 | -145.69268 |
| 10208 | 63.34221 | -145.70658 |
| 10209 | 63.34221 | -145.70658 |
| 10210 | 63.34217 | -145.70638 |
| 10211 | 63.24881 | -146.20432 |
| 10212 | 63.05783 | -145.74870 |
| 10213 | 63.06780 | -145.74536 |
| 10214 | 63.20964 | -145.90551 |
| 10215 | 63.20956 | -145.90476 |
| 10216 | 63.20951 | -145.90524 |
| 10217 | 63.31372 | -145.98196 |
| 10218 | 63.31365 | -145.98194 |
| 10219 | 63.31343 | -145.98231 |
| 10220 | 63.31343 | -145.98231 |
| 10221 | 63.31353 | -145.98233 |
| 10222 | 63.31414 | -145.98532 |
| 10224 | 63.29548 | -145.96125 |
| 10225 | 63.29548 | -145.96145 |
| 10300 | 63.50871 | -145.85216 |
| 10301 | 63.51389 | -145.85047 |
| 10302 | 63.35050 | -145.70292 |
| 10303 | 63.35377 | -145.70027 |
| 10304 | 63.52596 | -145.81851 |
| 10305 | 63.33568 | -145.61416 |
| 10306 | 63.33875 | -145.61848 |
| 10307 | 63.35453 | -145.69272 |
| 10308 | 63.35158 | -145.69260 |
| 10309 | 63.18581 | -144.97010 |
| 10310 | 63.18582 | -144.97010 |
| 10311 | 63.20293 | -145.01176 |
| 10312 | 63.30723 | -146.07975 |
| 10313 | 63.30722 | -146.07973 |
| 10314 | 63.15228 | -145.90835 |
| 10315 | 63.14679 | -145.99473 |

| Sample no. | Latitude | Longitude |
| --- | --- | --- |
| 10316 | 63.14745 | -145.99610 |
| 10317 | 63.14462 | -146.10324 |
| 10318 | 63.13813 | -146.09672 |
| 10319 | 63.13817 | -146.09666 |
| 10320 | 63.13819 | -146.09681 |
| 10321 | 63.33028 | -145.88055 |
| 10322 | 63.33033 | -145.88139 |
| 10323 | 63.33027 | -145.88186 |
| 10324 | 63.33047 | -145.88226 |
| 10325 | 63.33045 | -145.88252 |
| 10326 | 63.33518 | -145.89846 |
| 10327 | 63.33512 | -145.89870 |
| 10328 | 63.33363 | -145.89832 |
| 10329 | 63.33339 | -145.89816 |
| 10330 | 63.32096 | -145.91054 |
| 10331 | 63.32096 | -145.91056 |
| 10332 | 63.31860 | -145.91177 |
| 10333 | 63.32153 | -145.65142 |
| 10334 | 63.32163 | -145.65216 |
| 10335 | 63.32180 | -145.65329 |
| 10336 | 63.32202 | -145.65318 |
| 10337 | 63.34126 | -145.69636 |
| 10338 | 63.34116 | -145.69624 |
| 10339 | 63.34103 | -145.69850 |
| 10340 | 63.25316 | -146.21627 |
| 10341 | 63.24815 | -146.18813 |
| 10342 | 63.25284 | -146.18303 |
| 10343 | 63.25236 | -146.16034 |
| 10344 | 63.29898 | -145.67196 |
| 10345 | 63.34586 | -145.69911 |
| 10346 | 63.70124 | -145.44707 |
| 10347 | 63.33693 | -145.76093 |
| 10348 | 63.35279 | -145.77341 |
| 10349 | 63.34495 | -145.84636 |
| 10350 | 63.22941 | -146.05041 |
| 10351 | 63.23561 | -146.06614 |
| 10352 | 63.22845 | -146.06337 |
| 10353 | 63.22854 | -146.06240 |
| 10354 | 63.23341 | -146.03801 |
| 10355 | 63.23338 | -146.03800 |
| 10356 | 63.30225 | -146.08033 |
| 10357 | 63.29444 | -145.96462 |
| 10358 | 63.29444 | -145.96468 |
| 10359 | 63.29539 | -145.96213 |
| 10360 | 63.29567 | -145.96077 |
| 10361 | 63.09478 | -145.83061 |
| 10362 | 63.11439 | -145.75349 |
| 10363 | 63.11444 | -145.75367 |
| 10364 | 63.11624 | -145.75243 |
| 10365 | 63.10915 | -145.77135 |
| 10366 | 63.07211 | -145.63563 |
| 10400 | 63.16981 | -144.82502 |

| Sample no. | Latitude | Longitude |
|---|---|---|
| 10401 | 63.17350 | -144.82526 |
| 10402 | 63.18386 | -144.81512 |
| 10403 | 63.18582 | -144.82290 |
| 10404 | 63.18404 | -144.81932 |
| 10405 | 63.18468 | -144.81684 |
| 10406 | 63.17068 | -144.79257 |
| 10407 | 63.07161 | -144.82136 |
| 10408 | 63.07166 | -144.82310 |
| 10409 | 63.18628 | -144.85455 |
| 10410 | 63.18387 | -144.81514 |
| 10411 | 63.17550 | -144.81028 |
| 10412 | 63.07188 | -144.82277 |
| 10413 | 63.07513 | -144.88108 |
| 10414 | 63.29134 | -145.89595 |
| 10415 | 63.32761 | -146.08959 |
| 10416 | 63.20176 | -145.81143 |
| 10417 | 63.20396 | -145.81228 |
| 10419 | 63.20166 | -145.36697 |
| 10420 | 63.13223 | -145.45095 |
| 10421 | 63.32824 | -146.13433 |
| 10422 | 63.27467 | -146.41341 |
| 10423 | 63.26855 | -146.44556 |
| 10424 | 63.26859 | -146.44671 |
| 10425 | 63.29265 | -146.42920 |
| 10426 | 63.28471 | -146.04970 |
| 10427 | 63.17886 | -144.81986 |
| 10428 | 63.17582 | -144.80728 |
| 10429 | 63.32034 | -146.39754 |
| 10430 | 63.32147 | -146.39432 |
| 10431 | 63.31310 | -145.98638 |
| 10432 | 63.31665 | -146.05333 |
| 10433 | 63.31611 | -146.05191 |
| 10434 | 63.28364 | -146.04924 |
| 10435 | 63.28929 | -146.10462 |
| 10436 | 63.28281 | -146.04936 |
| 10437 | 63.31610 | -146.05187 |
| 10438 | 63.32762 | -146.08282 |
| 10439 | 63.32507 | -146.07274 |
| 10440 | 63.30917 | -145.99312 |
| 10441 | 63.30913 | -145.99305 |
| 10442 | 63.29556 | -145.96897 |
| 10443 | 63.28787 | -146.10592 |
| 10444 | 63.32518 | -146.10332 |
| 10445 | 63.28743 | -145.88480 |
| 10446 | 63.32693 | -145.73189 |
| 10447 | 63.21801 | -145.48269 |
| 10448 | 63.21735 | -145.47876 |
| 10449 | 63.23020 | -145.47889 |
| 10450 | 63.21760 | -145.48072 |
| 10451 | 63.05949 | -144.83584 |
| 10452 | 63.05808 | -144.83615 |
| 10453 | 63.05722 | -144.83951 |

| Sample no. | Latitude | Longitude |
|---|---|---|
| 10454 | 63.05826 | -144.83737 |
| 10455 | 63.05892 | -144.83831 |
| 10456 | 63.05949 | -144.83875 |
| 10457 | 63.65670 | -145.78512 |
| 10458 | 63.15106 | -144.71733 |
| 10459 | 63.30566 | -145.99713 |
| 10460 | 63.33579 | -145.61263 |
| 10500 | 63.01687 | -145.48393 |
| 10501 | 63.01913 | -145.48714 |
| 10502 | 63.27390 | -146.41373 |
| 10503 | 63.29008 | -146.04547 |
| 10504 | 63.22943 | -146.43564 |
| 10505 | 63.21733 | -145.45766 |
| 10506 | 63.33686 | -145.76107 |
| 10507 | 63.33684 | -145.76059 |
| 10508 | 63.17550 | -144.99919 |
| 10509 | 63.17502 | -145.00008 |
| 10510 | 63.17450 | -145.00016 |
| 10511 | 63.17426 | -145.01060 |
| 10512 | 63.30823 | -146.08277 |
| 10513 | 63.30479 | -145.98343 |
| 10514 | 63.29166 | -145.89512 |
| 10515 | 63.29091 | -145.90175 |
| 10516 | 63.29102 | -145.90217 |
| 10517 | 63.29286 | -145.89458 |
| 10518 | 63.25023 | -145.80568 |
| 10519 | 63.32926 | -146.13185 |
| 10520 | 63.34372 | -145.84697 |
| 10521 | 63.34375 | -145.84706 |
| 10522 | 63.34381 | -145.84739 |
| 10523 | 63.34381 | -145.84739 |
| 10524 | 63.34613 | -145.84656 |
| 10525 | 63.28623 | -145.86501 |
| 10526 | 63.31809 | -145.86908 |
| 10527 | 63.31767 | -145.86870 |
| 10528 | 63.30163 | -146.07839 |
| 10529 | 63.30152 | -146.08204 |
| 10530 | 63.30210 | -146.08123 |
| 10531 | 63.10421 | -146.10640 |
| MH001S | 63.00527 | -145.48750 |
| MH002S | 63.02777 | -145.50750 |
| MH003S | 63.10138 | -145.48472 |
| MH004S | 63.16944 | -145.53055 |
| MH005S | 63.22666 | -145.48472 |
| MH006S | 63.23027 | -145.62638 |
| MH007S | 63.27222 | -145.65583 |
| MH008S | 63.27555 | -145.66777 |
| MH009S | 63.27833 | -145.65166 |
| MH010S | 63.31000 | -145.70055 |
| MH011S | 63.34055 | -145.73305 |
| MH020S | 63.03166 | -145.71194 |
| MH021S | 63.04277 | -145.70944 |

| Sample no. | Latitude | Longitude |
|---|---|---|
| MH022S | 63.04527 | -145.54805 |
| MH030S | 63.16805 | -145.71611 |
| MH031S | 63.16194 | -145.73166 |
| MH032S | 63.15361 | -145.73194 |
| MH033S | 63.14944 | -145.78222 |
| MH034S | 63.16583 | -145.80444 |
| MH035S | 63.17500 | -145.76277 |
| MH036S | 63.20638 | -145.79277 |
| MH037S | 63.19333 | -145.82416 |
| MH038S | 63.18805 | -145.84694 |
| MH039S | 63.16222 | -145.88055 |
| MH040S | 63.18166 | -145.91111 |
| MH041S | 63.19277 | -145.94694 |
| MH042S | 63.23361 | -146.01638 |
| MH043S | 63.23638 | -146.09638 |
| MH044S | 63.22500 | -146.12166 |
| MH045S | 63.22777 | -146.20138 |
| MH046S | 63.25388 | -146.23444 |
| MH047S | 63.24694 | -146.24555 |
| MH048S | 63.24805 | -146.26416 |
| MH049S | 63.24555 | -146.32138 |
| MH050S | 63.24611 | -146.38861 |
| MH101S | 63.09944 | -145.22055 |
| MH102S | 63.08388 | -145.13361 |
| MH103S | 63.07361 | -145.16055 |
| MH104S | 63.07166 | -145.16916 |
| MH105S | 63.05472 | -145.15305 |
| MH106S | 63.04861 | -145.15222 |
| MH107S | 63.02916 | -145.23888 |
| MH108S | 63.06694 | -145.24333 |
| MH109S | 63.15777 | -145.12888 |
| MH110S | 63.18944 | -145.13249 |
| MH111S | 63.21388 | -145.14805 |
| MH112S | 63.20111 | -145.22944 |
| MH113S | 63.15833 | -145.25500 |
| MH114S | 63.14805 | -145.25888 |
| MH115S | 63.13527 | -145.34194 |
| MH116S | 63.20083 | -145.36722 |
| MH117S | 63.16416 | -145.38055 |
| MH118S | 63.16694 | -145.38416 |
| MH119S | 63.12916 | -145.38777 |
| MH120S | 63.05611 | -145.39694 |
| MH121S | 63.04000 | -144.33861 |
| MH122S | 63.04666 | -144.30555 |
| MH123S | 63.06888 | -144.32444 |
| MH124S | 63.08111 | -144.29027 |
| MH134S | 63.04722 | -144.17194 |
| MH135S | 63.04611 | -144.16305 |
| MH136S | 63.00861 | -144.00833 |
| MH137S | 63.00861 | -144.10638 |
| MH138S | 63.00944 | -144.11861 |
| MH139S | 63.03750 | -144.18333 |

| Sample no. | Latitude | Longitude |
|---|---|---|
| MH140S | 63.00638 | -144.24444 |
| MH143S | 63.09888 | -144.38944 |
| MH146S | 63.11694 | -144.42805 |
| MH147S | 63.13388 | -144.50555 |
| MH151S | 63.13388 | -144.53305 |
| MH152S | 63.09944 | -144.60194 |
| MH153S | 63.07361 | -144.79750 |
| MH154S | 63.07972 | -144.76250 |
| MH155S | 63.09277 | -144.78055 |
| MH156S | 63.10527 | -144.80277 |
| MH157S | 63.11611 | -144.78305 |
| MH158S | 63.12722 | -144.80805 |
| MH159S | 63.13055 | -144.79138 |
| MH160S | 63.13555 | -144.79027 |
| MH161S | 63.15027 | -144.74888 |
| MH162S | 63.15222 | -144.75250 |
| MH163S | 63.15666 | -144.77305 |
| MH164S | 63.16777 | -144.79944 |
| MH169S | 63.20694 | -144.81833 |
| MH170S | 63.21138 | -144.83944 |
| MH171S | 63.20055 | -144.85472 |
| MH172S | 63.18972 | -144.87305 |
| MH173S | 63.17055 | -144.85722 |
| MH174S | 63.17111 | -144.89611 |
| MH175S | 63.15888 | -144.92500 |
| MH176S | 63.13888 | -144.92944 |
| MH177S | 63.32638 | -146.08027 |
| MH178S | 63.33833 | -146.05250 |
| MH179S | 63.34083 | -146.00694 |
| MH180S | 63.35194 | -145.99833 |
| MH181S | 63.35388 | -146.00833 |
| MH182S | 63.35666 | -146.08138 |
| MH183S | 63.34805 | -146.12888 |
| MH187S | 63.31388 | -146.16861 |
| MH188S | 63.30333 | -146.16694 |
| MH189S | 63.29138 | -146.16000 |
| MH190S | 63.30888 | -146.25138 |
| MH191S | 63.31361 | -146.26499 |
| MH192S | 63.28888 | -146.24555 |
| MH193S | 63.31194 | -146.33388 |
| MH194D | 63.32555 | -146.35722 |
| MH195D | 63.31805 | -146.37055 |
| MH196S | 63.29083 | -146.42444 |
| MH197S | 63.25416 | -146.30611 |
| MH198S | 63.26527 | -146.23527 |
| MH199S | 63.26805 | -146.17611 |
| MH200S | 63.26499 | -146.06166 |
| MH201S | 63.26083 | -146.04305 |
| MH202S | 63.29583 | -146.04250 |
| MH203S | 63.28777 | -146.01277 |
| MH204S | 63.29000 | -146.43527 |
| MH205S | 63.25611 | -146.54361 |

| Sample no. | Latitude | Longitude |
|---|---|---|
| MH206S | 63.28083 | -146.54777 |
| MH207S | 63.29027 | -146.55555 |
| MH208S | 63.29944 | -146.55416 |
| MH209S | 63.31750 | -146.56666 |
| MH210S | 63.30611 | -146.49527 |
| MH222S | 63.29027 | -146.74277 |
| MH224S | 63.26555 | -146.75805 |
| MH225S | 63.26000 | -146.75388 |
| MH226S | 63.25027 | -146.79000 |
| MH227S | 63.23722 | -146.79250 |
| MH228S | 63.24277 | -146.74111 |
| MH229S | 63.22861 | -146.78111 |
| MH230S | 63.21888 | -146.73611 |
| MH299S | 63.23527 | -145.48916 |
| MH300D | 63.25388 | -145.43861 |
| MH301D | 63.25583 | -145.44805 |
| MH302D | 63.25333 | -145.41555 |
| MH303D | 63.28000 | -145.40222 |
| MH304S | 63.23972 | -145.47111 |
| MH305S | 63.23638 | -145.44583 |
| MH306S | 63.25916 | -145.49055 |
| MH307S | 63.27222 | -145.57222 |
| MH308S | 63.25500 | -145.56194 |
| MH309S | 63.19055 | -145.49611 |
| MH310S | 63.20805 | -145.48138 |
| MH311S | 63.21666 | -145.47194 |
| MH312S | 63.30055 | -145.97416 |
| MH313S | 63.29194 | -145.89944 |
| MH314S | 63.35305 | -145.93194 |
| MH315S | 63.33416 | -145.95888 |
| MH316S | 63.32666 | -145.93916 |
| MH317S | 63.31333 | -145.94000 |
| MH318S | 63.31805 | -145.82194 |
| MH319S | 63.33083 | -145.83194 |
| MH320S | 63.33611 | -145.76361 |
| MH321S | 63.35361 | -145.75388 |
| MH328S | 63.18444 | -146.16111 |
| MH329S | 63.17805 | -146.16305 |
| MH330S | 63.17833 | -146.19583 |
| MH331S | 63.18555 | -146.22611 |
| MH332S | 63.16500 | -146.26416 |
| MH333S | 63.17805 | -146.31972 |
| MH334S | 63.19166 | -146.31111 |
| MH335S | 63.19527 | -146.38972 |
| MH336S | 63.19222 | -146.39888 |
| MH337S | 63.21500 | -146.40583 |
| MH338S | 63.21833 | -146.48972 |
| MH339S | 63.18138 | -146.44916 |
| MH340S | 63.13166 | -146.40777 |
| MH341S | 63.12972 | -146.39694 |
| MH343S | 63.13277 | -146.25444 |
| MH344S | 63.15166 | -146.24694 |

| Sample no. | Latitude | Longitude |
|---|---|---|
| MH345S | 63.12555 | -146.18611 |
| MH346D | 63.08944 | -146.16638 |
| MH347S | 63.09694 | -146.08138 |
| MH348S | 63.11472 | -146.06638 |
| MH349S | 63.15555 | -146.08000 |
| MH350S | 63.15944 | -146.11555 |
| MH351D | 63.17916 | -146.07527 |
| MH351S | 63.17916 | -146.07527 |
| MH352S | 63.09777 | -144.91916 |
| MH353S | 63.07833 | -144.82638 |
| MH354S | 63.13888 | -144.83944 |
| MH355S | 63.14027 | -144.82944 |
| MH356S | 63.16861 | -144.82638 |
| MH357S | 63.16305 | -144.81444 |
| MH358S | 63.16416 | -144.68333 |
| MH362S | 63.13944 | -144.63000 |
| MH363S | 63.13472 | -144.66944 |
| MH364S | 63.11916 | -144.67250 |
| MH365S | 63.10694 | -144.66277 |
| MH366S | 63.08722 | -144.68222 |
| MH367S | 63.07333 | -144.66583 |
| MH368S | 63.07083 | -144.68583 |
| MH369S | 63.06083 | -144.64944 |
| MH370S | 63.07694 | -144.60222 |
| MH371S | 63.08388 | -144.50222 |
| MH372S | 63.06138 | -144.49638 |
| MH373S | 63.06111 | -144.47361 |
| MH374S | 63.03277 | -144.46611 |
| MH375S | 63.02888 | -144.42999 |
| MH376S | 63.02305 | -144.42361 |
| MH377S | 63.19805 | -144.95194 |
| MH378S | 63.21944 | -144.92750 |
| MH379S | 63.21500 | -144.95611 |
| MH380S | 63.19638 | -145.00138 |
| MH381S | 63.18027 | -145.03166 |
| MH382S | 63.16444 | -145.04138 |
| MH416S | 63.26305 | -146.63166 |
| MH417S | 63.26083 | -146.63250 |
| MH443D | 63.25111 | -145.18388 |
| MH444D | 63.25111 | -145.20277 |
| MH476S | 63.21194 | -146.92416 |
| MH478S | 63.17777 | -146.95416 |
| MH479S | 63.16111 | -146.99388 |
| MH480S | 63.15472 | -146.94027 |
| MH481S | 63.12277 | -146.95111 |
| MH482S | 63.03166 | -145.55250 |
| MH484S | 63.00277 | -145.64555 |
| MH530D | 63.31333 | -145.46638 |
| MH531D | 63.32527 | -145.56833 |
| MH532D | 63.33777 | -145.60666 |
| MH533S | 63.35666 | -145.66916 |
| MH534S | 63.27527 | -145.68222 |

| Sample no. | Latitude | Longitude |
|---|---|---|
| MH654S | 63.30972 | -145.72527 |
| MH655S | 63.30166 | -145.77250 |
| MH656S | 63.21416 | -145.52333 |
| MH657S | 63.23250 | -145.61722 |
| MH658S | 63.24944 | -145.57083 |
| MH659S | 63.21055 | -145.66500 |
| MH660S | 63.23750 | -145.69222 |
| MH661S | 63.24472 | -145.78555 |
| MH662S | 63.25750 | -145.81472 |
| MH663S | 63.28361 | -145.88194 |
| MH664S | 63.26805 | -145.99000 |
| MH665S | 63.08388 | -146.86972 |
| MH666S | 63.09750 | -146.82416 |
| MH667S | 63.10861 | -146.79583 |
| MH668S | 63.13305 | -146.80805 |
| MH669S | 63.14055 | -146.79333 |
| MH670S | 63.15611 | -146.80888 |
| MH671S | 63.17277 | -146.83055 |
| MH672S | 63.16777 | -146.83305 |
| MH673S | 63.12277 | -146.72444 |
| MH674S | 63.21027 | -146.77277 |
| MH675S | 63.21277 | -146.71777 |
| MH676S | 63.17472 | -146.62833 |
| MH677S | 63.21361 | -146.58833 |
| MH678S | 63.24805 | -146.61166 |
| MH679S | 63.19638 | -146.58916 |
| MH680S | 63.12694 | -146.59249 |
| MH681S | 63.05694 | -146.28500 |
| MH682S | 63.11138 | -145.99333 |
| MH683S | 63.15305 | -145.96138 |
| MH684S | 63.11694 | -145.94361 |
| MH685S | 63.08250 | -145.88833 |
| MH686S | 63.11416 | -145.75944 |
| MH687S | 63.12777 | -145.67833 |
| MH688S | 63.06611 | -145.59361 |
| MH689S | 63.08944 | -145.60277 |
| MH690S | 63.08055 | -145.69083 |
| MH691S | 63.07638 | -145.71194 |
| MH724S | 63.13000 | -145.05555 |
| MH725S | 63.09555 | -145.46527 |
| MH726D | 63.10833 | -145.48194 |
| MH727D | 63.16666 | -145.41805 |