

U.S. Department of the Interior
Bureau of Land Management

BLM Alaska Open File Report 115
BLM/AK/ST-007/017+3890+940
March 2007

Mineral Investigations in the Bristol Bay Mining District Study Area, Southwestern Alaska, 2006

Kirby W. Bean, Peter E. Bittenbender, Edward C. Gensler, Liming Wu



BLM

Alaska



Mission Statement

The Bureau of Land Management sustains the health, diversity and productivity of the public lands for the use and enjoyment of present and future generations.

Authors

Kirby W. Bean is a geologist in the Division of Energy and Minerals, Branch of Solid Minerals, working in the Juneau-John Rishel Mineral Information Center, Bureau of Land Management, Juneau, Alaska.

Peter E. Bittenbender is a senior geologist in the Division of Energy and Minerals, Branch of Solid Minerals, working in the Juneau-John Rishel Mineral Information Center, Bureau of Land Management, Juneau, Alaska.

Edward C. Gensler is an engineer in the Division of Energy and Minerals, Branch of Solid Minerals, working in the Juneau-John Rishel Mineral Information Center, Bureau of Land Management, Juneau, Alaska.

Liming Wu is a geologist in the Division of Energy and Minerals, Branch of Solid Minerals, working in the Juneau-John Rishel Mineral Information Center, Bureau of Land Management, Juneau, Alaska.

Cover

BLM geologists evaluate a color anomaly near Lake Clark in the Bristol Bay Mining District.

Open File Reports

Open File Reports issued by BLM-Alaska present the results of inventories or other investigations on a variety of scientific and technical subjects that are made available to the public outside the formal BLM-Alaska technical publication series. The Open File Reports can include preliminary or incomplete data and are not published or distributed in quantity.

To request a copy of this or another BLM-Alaska scientific report, or for more information, please contact:

BLM-Alaska Public Information Center
222 W. Seventh Ave., #13
Anchorage, AK 99513
(907) 271-5960

Juneau - John Rishel Mineral Information Center
100 Savikko Road, Mayflower Island
Douglas, AK 99824
(907) 586-7751

Most BLM-Alaska scientific reports are also available for loan or inspection at Alaska Resources Library and Information Services in Anchorage, (907) 27-ARLIS, and other major libraries in Alaska; USDI Resources Library in Washington, D.C.; the BLM National Business Center Library in Denver; and other select locations.

A bibliography of scientific reports is online at www.blm.gov/ak. Related publications are also listed at www.blm.gov/ak/jrmic.

MINERAL INVESTIGATIONS
IN THE
BRISTOL BAY MINING DISTRICT STUDY AREA
SOUTHWEST ALASKA
2006

by

Kirby W. Bean, Peter E. Bittenbender,
Edward C. Gensler, and Liming Wu

BLM-Alaska Open File Report 115
March 2007

U. S. Department of the Interior
Bureau of Land Management

TABLE OF CONTENTS

| | |
|--|-----|
| Abstract | iii |
| Introduction | 1 |
| Field season review with highlights..... | 3 |
| Sampling and analytical procedures | 5 |
| Sampling methods | 5 |
| Analytical results for rock chip samples | 7 |

LIST OF FIGURES AND PLATES

| | |
|---|---------------------------------|
| Figure 1. General land status and location map of the Bristol Bay Mining Study Area | 1 |
| Figure 2. Copper and gold bearing quartz veins at the Pfaff prospect | 3 |
| Figure 3. Geologist samples a copper occurrence near the north shore of Lake Kontrashibuna | 4 |
| Plate 1. Bristol Bay Study Area sample locations | <i>pocket inside back cover</i> |

LIST OF TABLES

| | |
|---|----|
| Table 1. Reporting methods..... | 6 |
| Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples | 9 |
| Table 3. Latitude and longitude coordinates for samples..... | 31 |

ABSTRACT

In 2006, the Bureau of Land Management (BLM) completed the first year of the Bristol Bay Mining Study Area. Investigators mapped or sampled approximately 60 mineral occurrences in the 27.2-million-acre Bristol Bay Mining Study Area, BLM collected and analyzed 309 rock chip, pan concentrate, and stream sediment samples during the investigation.

INTRODUCTION

As part of the Bristol Bay mining area study, personnel from the Division of Energy and Solid Minerals of the Bureau of Land Management - Alaska (BLM) conducted mineral investigations in the 27.2-million-acre Bristol Bay Mining Study Area. The investigations are part of BLM's ongoing mineral assessment program of public land in Alaska, as authorized by Congress in Section 1010 of the Alaska National Interest Lands Conservation Act (ANILCA), which reads:

“Section 1010(a): MINERAL ASSESSMENTS. -- The Secretary shall, to the full extent of his authority, assess the oil, gas, and other mineral potential on all public lands in the State of Alaska in order to expand the data base with respect to the mineral potential in such lands...”

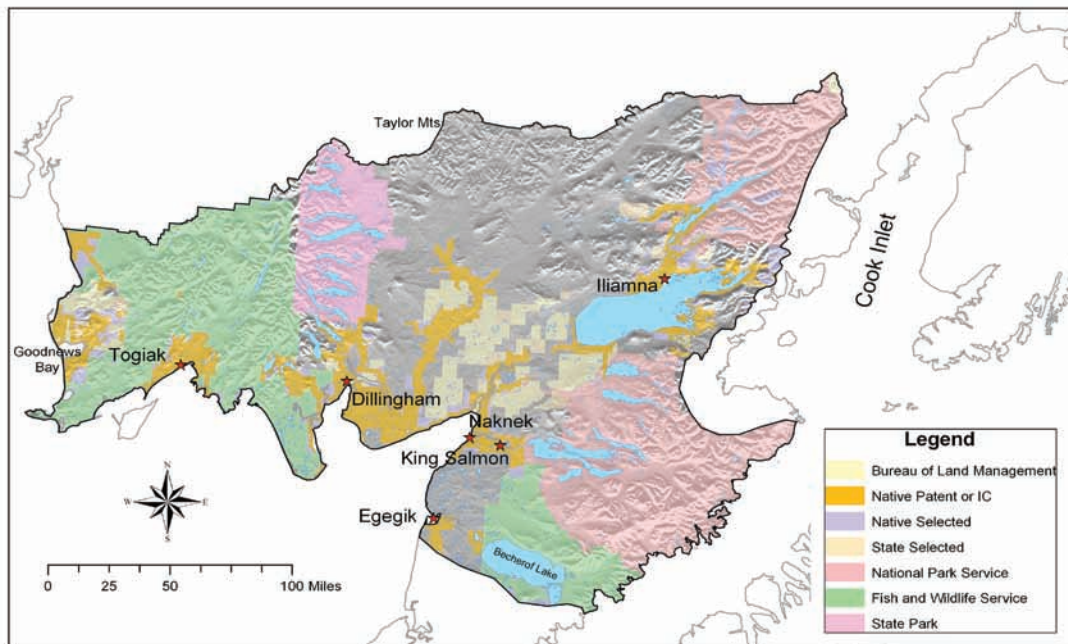


Figure 1. General land status and location map of the Bristol Bay Mining Study Area

Goals of BLM mineral assessments are 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. BLM is scheduled to complete fieldwork for the mineral assessment of the district in 2008 and produce a final report in 2009.

The Bristol Bay Study Area extends from Goodnews Bay in the west to Cook Inlet in the east, as far north as the Taylor Mountains, and as far south as Becharof Lake (figure 1). BLM geologists

collected 309 rock chip, stream sediment, and pan concentrate samples while evaluating approximately 60 prospects and mineral occurrences in the district during short reconnaissance in 2005 and 2006.

In this report, the authors present geochemical data that have resulted from the analyses of samples collected during 2006 in the Bristol Bay Mining Area Study.

Table 2 presents the commercial laboratory's analytical results for rock chip samples. Coordinates for all samples are presented in table 3.

FIELD SEASON REVIEW WITH HIGHLIGHTS

Four BLM geologists spent approximately 28 field days investigating mineral occurrences during June and July 2006. This effort mostly concentrated on the eastern part of the district, composed primarily of Permian to Cretaceous accretionary rocks of the Peninsular terrane that have been intruded by large Jurassic batholiths (Nokleberg and others, 1994)¹. Occurrences investigated included copper-gold porphyrys such as the Pebble deposit as well as skarn, vein gold, and placer gold deposit types.

In general the high density of historical mineral occurrences in the region, favorable geologic environment, and field observations of significant areas of hydrothermal alteration indicate this part of Alaska is anomalously endowed with minerals and has good potential to host major deposits. Discoveries of world-class copper-gold porphyry deposits north of Iliamna are indicative of the potential deposits in the eastern portion the study area.



Figure 2. Copper and gold bearing quartz veins at the Pfaff prospect. Gold in select samples ran as high as 24 ppm.

In 2006, BLM contracted for an airborne geophysical survey to be flown in the Goodnews Bay quadrangle (figure 1). The survey, administered by the State of Alaska, Division of Geological and Geophysical Surveys (ADGGS), is scheduled to include the collection of fixed-wing aeromagnetic data across the entire quadrangle. The primary target of the survey was copper-nickel-PGE-bearing mafic and ultramafic rocks. The survey is currently anticipated to be flown in 2007 with results released late in the year. When released, information about the survey data will be available from ADGGS at <http://www.dggs.dnr.state.ak.us>.

¹ Nokleberg, W.J., Plafker, G., Wilson, F.H., 1994, Geology of south-central Alaska *in* The Geology of Alaska, Plafker G., and Berg, H.C., eds. Geological Society of America, Boulder, Colorado, p.311-366.



Figure 3. Geologist samples a copper occurrence near the north shore of Lake Kontrashibuna.

SAMPLING AND ANALYTICAL PROCEDURES

SAMPLING METHODS

BLM personnel collected several types of rock samples during this study:

Channel samples -- rock fragments, chips, or dust from a continuous channel of uniform width and depth across an exposure;

Chip channel samples -- chips of rock taken in a continuous line across a relatively uniform width and depth of an exposure;

Continuous chip samples -- chips of rock taken in a continuous line across an exposure;

Representative chip samples -- discontinuous chips of rock taken across an exposure;

Spaced chip samples -- chips of rock taken at a specified interval across an exposure;

Random chip samples -- chips of rock taken randomly across an exposure;

Grab samples -- rock chips or fragments taken more or less at random from an outcrop, float, or mine dump; and,

Select samples -- 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.

ANALYTICAL METHODS

All analyses were conducted by a commercial laboratory. Rock samples were dried, crushed to a minus 10 mesh, split and pulverized to minus 150 mesh. Stream sediment samples were dried and sieved to a minus 80 mesh. Pan concentrate samples were pulverized to minus 200 mesh. For samples analyzed by inductively coupled argon plasma (ICP) and atomic absorption spectrophotometry (AA), a 0.5-gram sample was dissolved in aqua regia for measurement. For samples analyzed by X-ray fluorescence (XRF), a 10-gram pressed pellet was prepared for measurement. Samples were analyzed for gold by fire assay pre-concentration of a 30-gram sample, followed by an ICP finish, with results reported in parts per billion. Platinum and palladium were analyzed by fire assay pre-concentration of a 30-gram sample, followed by an ICP finish, with results reported in parts per billion.

The remaining elements were analyzed by ICP with results reported as either parts per million or percent. 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.

TABLE 1. REPORTING METHODS

| Element | Units Reported | Lower Detection Limit | Upper Detection Limit | Analytical Method |
|----------------|-----------------------|------------------------------|------------------------------|--------------------------|
| Pt | ppb | 5 | 10000 | FA |
| Pd | ppb | 1 | 10000 | FA |
| Au | ppb | 1 | 10000 | FA |
| Ag | ppm | 0.2 | 100 | ICP |
| Cu | ppm | 1 | 10000 | ICP |
| Cu | pct | 0.01 | 30.00 | AA |
| Pb | ppm | 2 | 10000 | ICP |
| Pb | pct | 0.01 | 30 | AA |
| Zn | ppm | 2 | 10000 | ICP |
| Zn | pct | 0.01 | 30 | AA |
| Mo | ppm | 1 | 10000 | ICP |
| Ni | ppm | 1 | 10000 | ICP |
| Ni | pct | 0.01 | 50 | AA |
| Cr | ppm | 1 | 10000 | ICP |
| Al | pct | .01 | 15 | ICP |
| As | ppm | 2 | 10000 | ICP |
| Ba | ppm | 10 | 10000 | ICP |
| Ba | ppm | 10 | 10000 | XRF |
| Ba | pct | 0.01 | 50 | XRF |
| Bi | ppm | 2 | 10000 | ICP |
| Ca | pct | 0.01 | 15 | ICP |
| Cd | ppm | 0.5 | 500 | ICP |
| Co | ppm | 1 | 10000 | ICP |
| Fe | pct | 0.01 | 15 | ICP |
| Ga | ppm | 10 | 10000 | ICP |
| Hg | ppm | 0.01 | 100 | AA |
| K | pct | 0.01 | 10 | ICP |
| La | ppm | 10 | 10000 | ICP |
| Mg | pct | 0.01 | 15 | ICP |
| Mn | ppm | 5 | 10000 | ICP |
| Na | ppm | 0.01 | 10 | ICP |
| Sb | ppm | 2 | 10000 | ICP |
| Sc | ppm | 1 | 10000 | ICP |
| Sr | ppm | 1 | 10000 | ICP |
| Ti | pct | 0.01 | 10 | ICP |
| V | ppm | 1 | 10000 | ICP |
| W | ppm | 10 | 10000 | ICP |
| W | ppm | 10 | 10000 | XRF |

The site descriptions in this report contain select analytical results. These results are dependent primarily on analytical methods used to analyze the sample.

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

Analytical and sample data are presented in table 1. The results are organized by map number in the table, as well as on plate 1.

UNITS OF MEASURE

Results are recorded under the element's chemical symbol in the following units. Over-detection-limit samples were reanalyzed, using a different analytical technique with different units of measurement.

ABBREVIATIONS

Sample types:

PC pan concentrate
PL Placer

R rock chip
SS stream sediment

Sampling method (Rock Chip):

CH Channel
CC chip channel
C continuous chip
G Grab

RC random chip
Rep representative chip
S select
SC spaced chip

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

Sample sites:

FL Float
MD mine dump
MT mine tailings

OC outcrop
RC rubblecrop
TP trench, pit, or cut

Sample descriptions:

| | | | |
|--------|-----------------------------|-------|----------------------|
| @ | At | gs | greenstone |
| alt | Altered | gw | graywacke |
| amp | amphibolite/amphibole | hbl | hornblende |
| and | Andesite | int | intrusive |
| arg | Argillite | ls | limestone |
| aspy | Arsenopyrite | mag | magnetite |
| bn | Bornite | mg | medium-grained |
| bt | Biotite | meta | metamorphic |
| br | breccia/brecciated | mal | malachite |
| calc | Calcareous | mo | molybdenite |
| carb | Carbonate | msv | massive |
| cin | Cinnabar | peg | pegmatite |
| cg | coarse-grained | phy | phyllite |
| chl | chlorite/chloritic | po | pyrrhotite |
| cs | Coarse | porph | porphyry/porphyritic |
| cuox | copper oxide | py | pyrite/pyritic |
| cpy | Chalcopyrite | qtz | quartz |
| dissem | disseminated/disseminations | qtz | quartzite |
| dac | Dacite | sed | sediment |
| di | Diorite | ser | sericite |
| dol | dolomite/dolomitic | sch | schist |
| fel | Felsic | sil | silicified/siliceous |
| feox | iron-oxidized | sph | sphalerite |
| fg | fine-grained | sulf | sulfide |
| gb | Gabbro | vn(s) | vein(s) |
| gdi | Granodiorite | volc | volcanic |
| gn | Galena | w/ | with |
| gp | graphite/graphitic | | |
| grt | Garnet | | |

TABLE 2

**ANALYTICAL RESULTS FOR
ROCK CHIP, STREAM SEDIMENT, AND PAN CONCENTRATE
SAMPLES**

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map Sample No | Location | Type | Site | Method | Size (ft) | Description | Pt ppm | Pd ppm | Au ppm | Ag ppm | Cu ppm | Pb ppm | Zn ppm | As ppm |
|---------------|-------------------------|------|------|--------|-----------|--|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 | 11455 Neocola Mtns | R | OC | S | | fg diorite w/ disseminated seams of py ± cpy | <0.005 | 0.019 | 0.004 | 0.2 | 287 | 5 | 38 | 9 |
| 1 | 11456 Neocola Mtns | R | OC | Rep | | feox gneiss w/ sulf | <0.005 | 0.018 | 0.017 | <0.2 | 389 | 2 | 31 | 2 |
| 1 | 11457 Neocola Mtns | R | RC | G | | granite w/ minor feox | <0.005 | <0.001 | <0.001 | <0.2 | 11 | 2 | 38 | 3 |
| 1 | 11458 Neocola Mtns | R | OC | S | | metaseds & ls w/ minor sulf | <0.005 | 0.005 | 0.135 | 0.7 | 182 | 12 | 43 | 1220 |
| 1 | 11459 Neocola Mtns | R | RC | S | | gs w/ cpy & cuox | 0.019 | 0.085 | 0.252 | 4.1 | 5580 | 5 | 46 | 12 |
| 1 | 11460 Neocola Mtns | R | RC | S | | msv gs w/ seam of cpy | <0.005 | 0.01 | 1.41 | 8.6 | 1.87% | 4 | 165 | 14 |
| 1 | 11461 Neocola Mtns | R | OC | Rep | | gs w/ po | <0.005 | 0.013 | 0.07 | 0.4 | 486 | 2 | 20 | 2 |
| 1 | 11462 Neocola Mtns | R | RC | Rep | | msv sulf containing po, cpy, & sp | <0.005 | 0.012 | 2.64 | 123 | 7.90% | 14 | 7.97% | 420 |
| 1 | 11463 Neocola Mtns | R | OC | SC | 5.5 | skarn w/ msv sulf containing po, cpy, & sp | <0.005 | 0.047 | 0.875 | 38.7 | 2.73% | 13 | 12.80% | 391 |
| 2 | 11426 Twin Lakes East | R | RC | G | | feox volc w/ py ± cpy | <0.005 | 0.004 | 0.002 | <0.2 | 234 | 3 | 51 | 11 |
| 2 | 11427 Twin Lakes East | R | OC | S | 1.5 | feox fg volc w/ py & cpy | 0.007 | 0.005 | 0.001 | <0.2 | 130 | 5 | 40 | 25 |
| 2 | 11428 Twin Lakes East | R | OC | S | 1 | feox fg volc w/ py & cpy | <0.005 | 0.003 | <0.001 | <0.2 | 169 | 6 | 44 | 15 |
| 2 | 11473 Twin Lakes East | R | OC | SC | 14@1 | arg clast w/ py in metaseds | 0.006 | 0.02 | 0.116 | 0.3 | 266 | 16 | 78 | 50 |
| 2 | 11474 Twin Lakes East | R | RC | G | | mafic int w/ po/py | <0.005 | <0.001 | <0.001 | <0.2 | 110 | 2 | 72 | 5 |
| 2 | 11475 Twin Lakes East | R | RC | G | | mafic int w/ po/py | <0.005 | <0.001 | <0.001 | 0.2 | 131 | 9 | 96 | 13 |
| 2 | 11476 Twin Lakes East | R | RC | S | | alt gbo w/ cpy | <0.005 | 0.015 | 0.006 | 4.5 | 4.03% | 13 | 214 | 3 |
| 2 | 11477 Twin Lakes East | R | OC | Rep | 35 | and w/ py ± cpy | <0.005 | <0.001 | <0.001 | <0.2 | 197 | 3 | 54 | 15 |
| 2 | 11478 Twin Lakes East | R | RC | G | | ls w/ disseminated & seams of fg to cg py | <0.005 | <0.001 | 0.001 | 0.2 | 258 | 5 | 40 | 22 |
| 3 | 11429 Twin Lakes West | R | OC | S | 8 | feox altered rock in fract | <0.005 | <0.001 | 0.001 | 0.5 | 24 | 11 | 46 | <2 |
| 3 | 11430 Twin Lakes West | R | FL | | | feox vugs w/ py | <0.005 | <0.001 | 0.003 | 0.3 | 84 | 9 | 124 | 35 |
| 3 | 11445 Twin Lakes West | R | FL | S | | feox shear w/ sulf | <0.005 | <0.001 | 0.001 | 0.2 | 13 | 37 | 62 | 2 |
| 3 | 11479 Twin Lakes West | R | OC | Rep | 30 | feox and w/ py | <0.005 | <0.001 | <0.001 | <0.2 | 19 | 15 | 112 | 3 |
| 3 | 11480 Twin Lakes West | R | OC | SC | 29 | feox and w/ disseminated py | <0.005 | <0.001 | <0.001 | 0.2 | 27 | 40 | 97 | 11 |
| 3 | 11481 Twin Lakes West | R | OC | G | | volc contact w/ minor py | <0.005 | <0.001 | 0.003 | 0.2 | 24 | 38 | 144 | 15 |
| 3 | 11482 Twin Lakes West | R | FL | G | | shear in arg w/ Qtz, sph, gn, & cpy | 0.005 | 0.001 | 0.002 | 5.6 | 277 | 1010 | 2570 | 38 |
| 3 | 11483 Twin Lakes West | R | OC | SC | 8 | sil volc w/ minor py | <0.005 | <0.001 | <0.001 | <0.2 | 8 | 11 | 30 | 2 |
| 4 | 11449 Summit Creek | PC | | | | | <0.005 | <0.001 | 0.355 | <0.2 | 25 | 25 | 221 | 6 |
| 4 | 11499 Summit Creek | R | OC | SC | 12 | dacite w/ disseminated seams of fg py | <0.005 | 0.002 | 0.004 | <0.2 | 121 | 10 | 74 | 19 |
| 4 | 11504 Summit Creek | PC | | | | 1 pan, 1 f gold | <0.005 | <0.001 | 0.053 | <0.2 | 19 | 6 | 53 | 7 |
| 4 | 11506 Summit Creek | R | FL | G | 1 | feox fg volc w/ py | <0.005 | <0.001 | 0.002 | 0.4 | 194 | 9 | 73 | 17 |
| 4 | 11551 Summit Creek | R | OC | Rep | | and to dac w/ fg disseminated py | <0.005 | 0.002 | 0.004 | 0.2 | 200 | 7 | 81 | 16 |
| 4 | 11552 Summit Creek | R | RC | G | | feox granite | <0.005 | <0.001 | 0.002 | 0.3 | 32 | 13 | 130 | 5 |
| 5 | 11505 Summit Creek Trib | PC | | | | 2 pans, 1 vf gold | <0.005 | 0.001 | 0.622 | <0.2 | 13 | 9 | 89 | 5 |
| 6 | 11401 Bonanza Creek | SS | | | | | -- | -- | 0.007 | 0.4 | 42 | 10 | 144 | 55 |
| 7 | 11567 Otter Lake N. | R | RC | G | | msv mag w/ Qtz segregations & clasts | 0.009 | 0.022 | 0.011 | <0.2 | 134 | 15 | 117 | 25 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map No | Sample No | Al ppm | Ba ppm | Bi ppm | Ca ppm | Cd ppm | Co ppm | Fe ppm | Ga ppm | Hg ppm | K ppm | La ppm | Mg ppm | Mn ppm | Mo ppm | Na ppm | Ni ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ti ppm | V ppm | W ppm |
|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|-------|
| 1 | 11455 | 1.88 | 90 | <2 | 1.17 | <0.5 | 33 | 5.16 | 10 | 0.01 | 0.37 | <10 | 0.94 | 254 | 2 | 0.21 | 49 | 1.19 | 3 | 6 | 8 | 35 | 0.3 | 151 | 10 |
| 1 | 11456 | 0.7 | 70 | <2 | 0.81 | <0.5 | 24 | 4.59 | <10 | <0.01 | 0.06 | <10 | 0.37 | 205 | 51 | 0.12 | 32 | 0.91 | <2 | 4 | 8 | 11 | 0.19 | 183 | <10 |
| 1 | 11457 | 0.44 | 830 | <2 | 1.14 | <0.5 | 3 | 1.69 | <10 | <0.01 | 0.27 | 10 | 0.18 | 635 | 1 | 0.06 | 1 | 0.04 | <2 | 4 | 9 | 11 | 0.06 | 14 | 10 |
| 1 | 11458 | 2.05 | 180 | 2 | 4.04 | <0.5 | 31 | 5.35 | 10 | 0.01 | 0.1 | <10 | 0.23 | 126 | 2 | 0.38 | 41 | 3.37 | 5 | 3 | 8 | 291 | 0.12 | 35 | 10 |
| 1 | 11459 | 0.92 | 10 | <2 | 1.51 | 0.8 | 8 | 1.89 | <10 | 0.01 | 0.02 | <10 | 0.2 | 98 | 1 | 0.06 | 25 | 0.71 | <2 | 2 | 7 | 39 | 0.39 | 52 | <10 |
| 1 | 11460 | 1.12 | 30 | <2 | 1.54 | 1.2 | 29 | 3.76 | 10 | 0.02 | 0.03 | <10 | 0.24 | 97 | <1 | 0.07 | 61 | 1.83 | <2 | 2 | 7 | 73 | 0.19 | 33 | 10 |
| 1 | 11461 | 0.89 | 50 | 49 | 0.96 | <0.5 | 21 | 3.58 | <10 | 0.01 | 0.17 | <10 | 0.53 | 184 | 71 | 0.13 | 37 | 1.52 | <2 | 3 | 8 | 16 | 0.35 | 93 | 10 |
| 1 | 11462 | 0.2 | <10 | 23 | 3.01 | 429.0 | 294 | 32.4 | <10 | 0.1 | 0.01 | <10 | 0.07 | 866 | 1 | 0.02 | 998 | 10 | 26 | 1 | 6 | 13 | 0.01 | 4 | <10 |
| 1 | 11463 | 0.5 | <10 | <2 | 3.92 | 500.0 | 251 | 26.4 | <10 | 0.2 | 0.01 | <10 | 0.04 | 1300 | <1 | 0.02 | 551 | 10 | 26 | 1 | 7 | 5 | 0.03 | 11 | <10 |
| 2 | 11426 | 4.81 | 750 | <2 | 1.6 | <0.5 | 39 | 6.09 | 10 | <0.01 | 0.82 | <10 | 4.01 | 181 | <1 | 0.31 | 64 | 2.16 | 13 | 8 | 8 | 184 | 0.19 | 229 | <10 |
| 2 | 11427 | 6.41 | 1440 | 3 | 2.49 | <0.5 | 27 | 4.79 | 10 | <0.01 | 2.12 | <10 | 3.41 | 142 | <1 | 0.34 | 41 | 1.19 | 17 | 15 | 8 | 446 | 0.22 | 258 | 10 |
| 2 | 11428 | 7.49 | 2300 | 3 | 3.27 | <0.5 | 29 | 5.68 | 10 | <0.01 | 1.9 | <10 | 3.75 | 169 | 2 | 0.36 | 43 | 1.73 | 22 | 9 | 8 | 393 | 0.29 | 207 | 10 |
| 2 | 11473 | 6.55 | 1090 | 2 | 3.37 | <0.5 | 38 | 6.34 | 20 | <0.01 | 0.91 | <10 | 2.13 | 197 | <1 | 0.16 | 58 | 2.25 | 18 | 13 | 8 | 165 | 0.29 | 215 | 10 |
| 2 | 11474 | 2.59 | 240 | <2 | 1.23 | <0.5 | 33 | 5.25 | 10 | <0.01 | 0.05 | <10 | 1.86 | 454 | <1 | 0.24 | 54 | 0.73 | 4 | 7 | 8 | 35 | 0.15 | 114 | 10 |
| 2 | 11475 | 2.95 | 200 | <2 | 1 | <0.5 | 37 | 4.86 | 10 | <0.01 | 0.22 | <10 | 2.13 | 308 | <1 | 0.24 | 63 | 0.89 | 7 | 8 | 8 | 64 | 0.11 | 121 | <10 |
| 2 | 11476 | 1.8 | 330 | <2 | 2.3 | 3.8 | 31 | 6.04 | 10 | 0.03 | 0.05 | <10 | 2.01 | 309 | <1 | 0.05 | 40 | 3.17 | 4 | 6 | 7 | 31 | 0.33 | 113 | <10 |
| 2 | 11477 | 3.8 | 440 | <2 | 1.87 | <0.5 | 33 | 4.86 | 10 | <0.01 | 0.16 | <10 | 1.51 | 256 | <1 | 0.29 | 57 | 1.33 | 8 | 5 | 8 | 93 | 0.11 | 98 | 10 |
| 2 | 11478 | 0.69 | 170 | <2 | 25 | <0.5 | 5 | 2.51 | <10 | <0.01 | 0.1 | <10 | 2.61 | 640 | <1 | 0.03 | 17 | 1.5 | <2 | 2 | 7 | 662 | 0.03 | 18 | 10 |
| 3 | 11429 | 0.25 | 440 | <2 | 1.35 | <0.5 | 2 | 2.13 | <10 | <0.01 | 0.06 | 20 | 0.08 | 703 | <1 | 0.07 | 2 | <0.01 | <2 | 10 | 10 | 31 | 0.01 | 11 | 10 |
| 3 | 11430 | 2.23 | 1060 | 2 | 3.48 | <0.5 | 15 | 4.47 | 10 | 0.01 | 0.15 | 20 | 1.4 | 1290 | <1 | 0.04 | 17 | 0.24 | 17 | 8 | 8 | 150 | 0.01 | 88 | 10 |
| 3 | 11445 | 0.29 | 940 | <2 | 0.35 | <0.5 | 1 | 1.44 | <10 | <0.01 | 0.08 | 20 | 0.07 | 956 | 8 | 0.06 | 1 | 0.06 | <2 | 2 | 9 | 14 | <0.01 | 5 | 10 |
| 3 | 11479 | 0.89 | 990 | <2 | 0.44 | <0.5 | 2 | 3.79 | 10 | <0.01 | 0.18 | 10 | 0.27 | 967 | 1 | 0.08 | 1 | 0.48 | <2 | 6 | 9 | 25 | 0.13 | 2 | 10 |
| 3 | 11480 | 0.68 | 1120 | <2 | 0.25 | <0.5 | <1 | 2.58 | <10 | <0.01 | 0.1 | 10 | 0.11 | 446 | 3 | 0.12 | 1 | 0.48 | <2 | 4 | 9 | 20 | 0.1 | 1 | 10 |
| 3 | 11481 | 0.32 | 140 | <2 | 0.08 | <0.5 | <1 | 2.13 | <10 | 0.01 | 0.19 | 70 | 0.03 | 551 | 5 | 0.1 | 3 | 0.63 | <2 | <1 | 9 | 9 | <0.01 | 1 | 10 |
| 3 | 11482 | 1.7 | 240 | 5 | 17.8 | 21.1 | 9 | 3.02 | <10 | 0.15 | 0.03 | 10 | 5.59 | 7750 | <1 | 0.02 | 125 | <0.01 | 19 | 6 | 9 | 2100 | 0.01 | 47 | <10 |
| 3 | 11483 | 0.57 | 1560 | <2 | 0.31 | <0.5 | 1 | 1.88 | <10 | <0.01 | 0.28 | 30 | 0.05 | 298 | <1 | 0.08 | 1 | <0.01 | <2 | 5 | 9 | 10 | 0.01 | 4 | 10 |
| 4 | 11449 | 0.98 | 120 | <2 | 0.28 | <0.5 | 34 | 19.3 | 20 | 0.01 | 0.03 | 70 | 0.49 | 1120 | 5 | 0.03 | 23 | 0.01 | 6 | 6 | 9 | 16 | 1.13 | 815 | 30 |
| 4 | 11499 | 3.71 | 550 | <2 | 1.14 | <0.5 | 17 | 4.53 | 10 | <0.01 | 0.65 | 10 | 1.12 | 371 | 2 | 0.25 | 37 | 1.03 | <2 | 6 | 9 | 105 | 0.09 | 92 | 10 |
| 4 | 11504 | 1.25 | 660 | <2 | 0.5 | <0.5 | 8 | 3.43 | <10 | 0.01 | 0.16 | 20 | 0.47 | 426 | <1 | 0.06 | 14 | 0.01 | <2 | 4 | 12 | 37 | 0.17 | 93 | 10 |
| 4 | 11506 | 1.58 | 970 | <2 | 0.39 | <0.5 | 6 | 1.98 | <10 | <0.01 | 0.41 | 20 | 0.08 | 261 | 2 | 0.12 | 1 | 0.47 | <2 | 1 | 10 | 24 | 0.02 | 2 | 10 |
| 4 | 11551 | 3.34 | 560 | <2 | 0.79 | <0.5 | 17 | 4.42 | 10 | <0.01 | 0.47 | 10 | 1.17 | 469 | 1 | 0.17 | 30 | 0.76 | <2 | 7 | 8 | 56 | 0.1 | 104 | 10 |
| 4 | 11552 | 0.68 | 720 | <2 | 0.15 | <0.5 | 2 | 2.17 | <10 | 0.01 | 0.33 | 20 | 0.12 | 305 | 1 | 0.15 | 2 | 0.03 | <2 | 3 | 8 | 6 | 0.1 | 15 | 10 |
| 5 | 11505 | 1 | 420 | <2 | 0.36 | <0.5 | 13 | 6.4 | 10 | 0.01 | 0.08 | 30 | 0.35 | 501 | 1 | 0.04 | 13 | 0.01 | <2 | 4 | 9 | 22 | 0.36 | 243 | 10 |
| 6 | 11401 | 1.69 | 1030 | <2 | 0.32 | 0.5 | 17 | 4.57 | 10 | 0.08 | 0.07 | 10 | 0.66 | 1095 | 1 | 0.03 | 55 | 0.03 | <2 | 3 | 7 | 31 | 0.09 | 88 | 10 |
| 7 | 11567 | 0.58 | 1180 | 3 | 2.84 | <0.5 | 17 | 35.6 | <10 | 0.19 | 0.3 | 40 | 0.44 | 25600 | 4 | 0.03 | 139 | 0.1 | 2 | 4 | 7 | 340 | 0.04 | 459 | 10 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map Sample No | Location | Type | Site | Method | Size (ft) | Description | Pt ppm | Pd ppm | Au ppm | Ag ppm | Cu ppm | Pb ppm | Zn ppm | As ppm |
|---------------|---------------------------|------|------|--------|-----------|---|--------|--------|--------|--------|--------|--------|--------|--------|
| 8 | 11565 Otter Lake NW | R | OC | G | | carb, sil sch w/ py seams | <0.005 | <0.001 | 0.149 | 0.2 | 101 | 14 | 17 | 22 |
| 8 | 11566 Otter Lake NW | R | RC | G | | jasper w/ hem & py | <0.005 | 0.002 | 0.002 | <0.2 | 19 | 2 | 9 | 8 |
| 9 | 11507 Otter Lake SE | R | OC | Rep | | sch w/py | 0.007 | 0.021 | 0.061 | 0.2 | 265 | 6 | 88 | 72 |
| 9 | 11508 Otter Lake SE | R | OC | S | | feox sch | <0.005 | 0.016 | 0.087 | 0.7 | 1390 | 2 | 67 | 23 |
| 10 | 11559 Otter Lake SW | R | OC | C | 3.2 | feox chl sch w/ py | 0.014 | 0.02 | 0.07 | 0.4 | 322 | 7 | 116 | 23 |
| 10 | 11560 Otter Lake SW | R | OC | S | | chl sch w/ seams of py ± cpy | 0.009 | 0.013 | 0.091 | 1.4 | 1785 | 10 | 67 | 292 |
| 10 | 11561 Otter Lake SW | R | OC | G | | qtz boudin in chl sch lens/ w sulf | <0.005 | 0.005 | 0.003 | <0.2 | 753 | <2 | 43 | 4 |
| 10 | 11562 Otter Lake SW | R | OC | SC | 16 | chl sch w/ seams of py | <0.005 | 0.002 | 0.088 | 0.3 | 116 | 10 | 529 | 41 |
| 10 | 11563 Otter Lake SW | R | OC | S | | chl sch w/ cpy & mag | <0.005 | 0.013 | 0.042 | 2 | 2.07% | 4 | 84 | 13 |
| 10 | 11564 Otter Lake SW | R | OC | Rep | 1.7 | chl sch w/ py & cpy in layers | <0.005 | <0.001 | <0.001 | <0.2 | 534 | <2 | 70 | <2 |
| 11 | 11569 South Currant Creek | R | OC | G | | mafic dike in granitoid w/ cpy | <0.005 | 0.002 | 0.079 | 8.5 | 1210 | 26 | 141 | 3 |
| 12 | 11510 U.S. Currant Creek | R | FL | S | | feox volc? w/ py | <0.005 | <0.001 | 0.003 | 1.4 | 256 | 6 | 53 | <2 |
| 12 | 11570 U.S. Currant Creek | R | RC | S | | qtz-carb vn in granitoid w/ py & cpy | <0.005 | 0.001 | 0.015 | 5.8 | 125 | 496 | 3580 | <2 |
| 12 | 11578 U.S. Currant Creek | R | RC | G | | granitoid w/ py & mo | <0.005 | <0.001 | 0.091 | 7.1 | 9310 | 4 | 67 | 3 |
| 12 | 11579 U.S. Currant Creek | R | RC | S | | soft, alt rock w/ dissem & seams of mo | <0.005 | <0.001 | 0.007 | 0.4 | 29 | 34 | 14 | 2 |
| 12 | 11580 U.S. Currant Creek | R | Rc | G | | granitoid w/ py & mo | <0.005 | 0.001 | 0.006 | 0.9 | 989 | 9 | 57 | 4 |
| 12 | 11585 U.S. Currant Creek | R | RC | G | | feox granitoid w/ py ± cpy | <0.005 | <0.001 | 0.002 | 0.7 | 77 | 10 | 33 | <2 |
| 13 | 11514 N. Currant | R | FL | S | 70 | meta w/ py | <0.005 | 0.015 | 0.088 | 0.7 | 1010 | 33 | 55 | 44 |
| 13 | 11583 N. Currant | R | RC | G | | metavolc w/ py | <0.005 | 0.014 | 0.016 | 0.3 | 214 | 135 | 136 | 82 |
| 13 | 11584 N. Currant | R | OC | SC | 36 | alt dac w/ py | <0.005 | 0.027 | 0.038 | <0.2 | 122 | 6 | 14 | 17 |
| 14 | 11412 Portage Ck | PC | | | | 2 pans | <0.005 | 0.002 | 0.002 | <0.2 | 46 | 9 | 91 | 14 |
| 14 | 11413 Portage Ck | PC | | | | | -- | -- | -- | 3 | 74 | 10 | 314 | 14 |
| 14 | 11414 Portage Ck | PC | | | | 1 pan, 1 vf flake | -- | -- | -- | 30.6 | 49 | 6 | 84 | 15 |
| 14 | 11415 Portage Ck | PC | | | | 1 pan | -- | -- | -- | 1.7 | 44 | 12 | 122 | 16 |
| 14 | 11416 Portage Ck | PC | | | | 1 pan | <0.005 | 0.003 | 0.099 | <0.2 | 44 | 6 | 75 | 12 |
| 14 | 11417 Portage Ck | PC | | | | 1 pan | -- | -- | -- | -- | -- | -- | -- | -- |
| 14 | 11418 Portage Ck | PC | | | | 1 pan | -- | -- | -- | 0.3 | 64 | 47 | 203 | 38 |
| 15 | 11558 Gull | R | UW | G | | rhy to dac in shear w/ tr py | <0.005 | <0.001 | 0.003 | 0.2 | 6 | 117 | 40 | 2 |
| 16 | 11557 Gull Area | R | OC | G | | feox rhy to dacite w/ minor py | <0.005 | <0.001 | 0.01 | 0.3 | 10 | 121 | 54 | 4 |
| 17 | 11446 Kijik Lake | R | RC | S | | feox alt rock w/ py | <0.005 | 0.004 | 0.001 | 0.4 | 81 | 4 | 267 | 6 |
| 18 | 11484 Kijik River area | R | OC | S | | sil metased w/ py & cpy | <0.005 | <0.001 | 0.004 | 51.7 | 2880 | 1225 | 865 | 3680 |
| 18 | 11485 Kijik River area | R | OC | S | | qtz vn in fel volc w/ aspy, cpy, py, & gn | <0.005 | <0.001 | 0.148 | 367 | 9650 | 1730 | 461 | >10000 |
| 18 | 11486 Kijik River area | R | OC | Rep | | granite shear w/py | <0.005 | <0.001 | 0.029 | 25 | 2590 | 101 | 175 | 5810 |
| 18 | 11487 Kijik River area | R | OC | C | 4 | feox granite w/ py, aspy, ± cpy | <0.005 | <0.001 | 0.005 | 21.3 | 548 | 92 | 33 | 2420 |
| 19 | 11489 NW Kijik Lake | R | OC | S | | qzt w/ dissem & net of py | <0.005 | 0.001 | 0.003 | 1.3 | 56 | 13 | 7 | 108 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map No | Sample | Al | Ba | Bi | Ca | Cd | Co | Fe | Ga | Hg | K | La | Mg | Mn | Mo | Na | Ni | S | Sb | Sc | Sn | Sr | Ti | V | W |
|--------|--------|------|------|-----|------|------|-----|-------|-----|-------|------|-----|-------|------|------|-------|-----|------|-----|-----|-----|-----|-------|------|-----|
| | | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | pct | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 8 | 11565 | 0.4 | 270 | <2 | 0.34 | <0.5 | 9 | 3.7 | <10 | 0.01 | 0.14 | 10 | 0.11 | 73 | 8 | 0.01 | 36 | 1.73 | 3 | 1 | 8 | 14 | <0.01 | 19 | 10 |
| 8 | 11566 | 0.06 | 280 | <2 | 0.28 | <0.5 | 10 | 1.76 | <10 | 0.02 | 0.04 | <10 | 0.03 | 3680 | <1 | 0.01 | 10 | 0.02 | <2 | <1 | 9 | 20 | 0.01 | 27 | 10 |
| 9 | 11507 | 4.92 | 20 | 5 | 0.07 | <0.5 | 80 | 18.3 | 10 | 0.06 | 0.01 | <10 | 3.76 | 842 | 3 | 0.01 | 186 | 3.43 | <2 | 13 | 7 | 1 | 0.11 | 222 | 10 |
| 9 | 11508 | 4.68 | 20 | 5 | 0.2 | <0.5 | 125 | 19.3 | 10 | 0.37 | 0.03 | <10 | 3.94 | 987 | 7 | 0.01 | 46 | 3.68 | <2 | 17 | 8 | 10 | 0.12 | 181 | 10 |
| 10 | 11559 | 4.67 | 10 | 3 | 0.36 | <0.5 | 30 | 14.5 | 10 | 0.16 | 0.01 | <10 | 4.97 | 1095 | <1 | 0.01 | 117 | 2.11 | <2 | 24 | 8 | 2 | 0.09 | 206 | 10 |
| 10 | 11560 | 3.64 | 10 | 2 | 0.03 | <0.5 | 106 | 12.9 | 10 | 0.18 | 0.01 | <10 | 3.01 | 760 | 9 | 0.01 | 78 | 4.59 | <2 | 23 | 7 | <1 | 0.04 | 241 | 10 |
| 10 | 11561 | 1.48 | <10 | <2 | 0.14 | <0.5 | 38 | 2.96 | <10 | 0.03 | 0.01 | <10 | 1.37 | 481 | 1 | 0.01 | 50 | 0.09 | <2 | 9 | 8 | 2 | 0.01 | 58 | 10 |
| 10 | 11562 | 2 | 170 | <2 | 0.02 | 1.1 | 6 | 5.29 | 10 | 1.91 | 0.11 | <10 | 1.44 | 918 | 10 | 0.02 | 13 | 1.41 | <2 | 6 | 8 | 1 | <0.01 | 42 | <10 |
| 10 | 11563 | 4.04 | 20 | 9 | 0.05 | <0.5 | 96 | 16 | 10 | 0.15 | 0.15 | <10 | 2.89 | 710 | 13 | 0.02 | 87 | 2.04 | <2 | 19 | 7 | 2 | 0.01 | 152 | <10 |
| 10 | 11564 | 3.9 | 50 | <2 | 1.47 | <0.5 | 37 | 7.09 | 10 | 0.08 | 0.24 | <10 | 3.09 | 1045 | <1 | 0.04 | 28 | 0.06 | 3 | 20 | 8 | 29 | 0.01 | 155 | 10 |
| 11 | 11569 | 3.59 | 410 | 4 | 1.38 | 0.8 | 21 | 3.87 | 10 | <0.01 | 1.2 | <10 | 1.1 | 1055 | 4 | 0.24 | 44 | 0.5 | <2 | 6 | 9 | 99 | 0.19 | 65 | 10 |
| 12 | 11510 | 1.83 | 410 | 2 | 0.7 | <0.5 | 11 | 4.79 | 10 | <0.01 | 0.2 | 10 | 0.92 | 506 | 40 | 0.13 | 5 | 2.89 | <2 | 4 | 8 | 88 | 0.07 | 56 | 10 |
| 12 | 11570 | 0.38 | 580 | 14 | 2.12 | 40.7 | 4 | 2.04 | <10 | 0.22 | 0.24 | 10 | 0.19 | 1330 | 2 | 0.02 | 4 | 2.1 | <2 | 1 | 8 | 44 | <0.01 | 7 | <10 |
| 12 | 11578 | 1.54 | 310 | 13 | 0.58 | <0.5 | 25 | 6.03 | 10 | 0.01 | 0.51 | <10 | 1.09 | 481 | 78 | 0.1 | 6 | 2.08 | 3 | 6 | 8 | 47 | 0.21 | 133 | 10 |
| 12 | 11579 | 2.84 | 240 | <2 | 1.82 | 0.7 | <1 | 0.11 | <10 | <0.01 | 0.15 | <10 | 0.02 | 47 | 6550 | 0.06 | <1 | 0.46 | <2 | <1 | 6 | 134 | 0.01 | 3 | 10 |
| 12 | 11580 | 1.38 | 370 | <2 | 0.57 | <0.5 | 17 | 4.37 | 10 | <0.01 | 0.13 | <10 | 0.45 | 324 | 682 | 0.09 | 5 | 2.73 | <2 | 1 | 8 | 69 | 0.05 | 22 | 10 |
| 12 | 11585 | 0.32 | 880 | 2 | 0.13 | <0.5 | 1 | 1.77 | <10 | <0.01 | 0.12 | <10 | 0.12 | 177 | 3 | 0.04 | 1 | 0.78 | <2 | <1 | 8 | 12 | 0.02 | 11 | 10 |
| 13 | 11514 | 2.68 | 210 | <2 | 0.86 | <0.5 | 45 | 7.35 | 10 | 0.02 | 0.55 | <10 | 1.92 | 343 | 41 | 0.08 | 105 | 1.96 | <2 | 21 | 8 | 25 | 0.54 | 286 | 10 |
| 13 | 11583 | 1.71 | 60 | <2 | 1.26 | 0.5 | 18 | 6.75 | 10 | 0.01 | 0.02 | <10 | 1.18 | 821 | 3 | 0.06 | 26 | 1.96 | 5 | 7 | 7 | 20 | 0.77 | 193 | 10 |
| 13 | 11584 | 1.18 | 70 | 2 | 1.02 | <0.5 | 12 | 6.38 | 10 | 0.02 | 0.05 | <10 | 1.19 | 220 | 2 | 0.06 | 30 | 1.64 | 5 | 10 | 8 | 12 | 0.71 | 209 | 10 |
| 14 | 11412 | 1.82 | 570 | 2 | 0.95 | <0.5 | 24 | 8.29 | 10 | 0.02 | 0.14 | 10 | 1.48 | 798 | 1 | 0.05 | 88 | 0.03 | 3 | 6 | 8 | 31 | 0.51 | 299 | 10 |
| 14 | 11413 | 1.06 | -- | 9 | 0.41 | <0.5 | 66 | 36.2 | 30 | 0.2 | 0.03 | <10 | 1 | 1900 | 1 | 0.02 | 91 | 0.04 | 7 | 10 | -- | 9 | 1.87 | 1550 | -- |
| 14 | 11414 | 1.69 | 470 | <2 | 0.89 | <0.5 | 23 | 7.72 | 10 | 0.07 | 0.1 | 10 | 1.55 | 724 | 1 | 0.04 | 96 | 0.02 | 3 | 6 | 8 | 29 | 0.43 | 254 | 10 |
| 14 | 11415 | 1.38 | -- | 2 | 0.78 | <0.5 | 28 | 12.55 | 10 | 0.1 | 0.08 | 10 | 1.15 | 929 | 2 | 0.05 | 83 | 0.1 | 3 | 6 | -- | 27 | 0.7 | 491 | -- |
| 14 | 11416 | 1.74 | 490 | <2 | 0.79 | <0.5 | 19 | 5.74 | 10 | 0.02 | 0.14 | 10 | 1.44 | 747 | 1 | 0.04 | 82 | 0.02 | 2 | 6 | 8 | 26 | 0.33 | 165 | 10 |
| 14 | 11417 | -- | 1620 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 10 |
| 14 | 11418 | 1.6 | 2690 | 14 | 0.61 | 0.6 | 35 | 18.2 | 10 | <0.1 | 0.15 | 10 | 0.89 | 1430 | 4 | 0.06 | 45 | 0.98 | 5 | 7 | 8 | 41 | 0.69 | 511 | 10 |
| 15 | 11558 | 1.13 | 50 | <2 | 0.26 | <0.5 | <1 | 1.21 | 10 | 0.01 | 0.26 | 10 | 0.01 | 367 | <1 | 0.19 | 1 | 0.1 | <2 | <1 | 8 | 27 | 0.01 | 1 | <10 |
| 16 | 11557 | 0.99 | 90 | <2 | 0.15 | <0.5 | <1 | 1.55 | 10 | 0.01 | 0.32 | 20 | 0.01 | 126 | 1 | 0.22 | 1 | 0.04 | <2 | <1 | 8 | 19 | 0.01 | 2 | 10 |
| 17 | 11446 | 2.77 | 840 | <2 | 0.27 | <0.5 | 19 | 4.1 | 10 | <0.01 | 0.9 | <10 | 1.99 | 909 | <1 | 0.05 | 85 | 0.82 | 5 | 17 | 8 | 13 | 0.26 | 187 | 10 |
| 18 | 11484 | 1.57 | 250 | 22 | 0.99 | 8.9 | 2 | 4.88 | 10 | 0.08 | 0.58 | <10 | 0.3 | 788 | 13 | 0.01 | 8 | 1.84 | 29 | 2 | 80 | 89 | 0.01 | 11 | 10 |
| 18 | 11485 | 0.37 | 30 | 191 | 0.02 | 5.1 | 5 | 11.3 | <10 | 0.31 | 0.16 | <10 | 0.01 | 83 | 15 | 0.01 | <1 | 5.91 | 412 | <1 | 51 | 2 | <0.01 | 1 | 10 |
| 18 | 11486 | 1.03 | 140 | 21 | 0.08 | 1.9 | 2 | 2.72 | <10 | 0.02 | 0.67 | 10 | 0.02 | 116 | 6 | 0.01 | 1 | 1.25 | 14 | <1 | 54 | 5 | <0.01 | 1 | 10 |
| 18 | 11487 | 0.95 | 180 | 8 | 0.02 | <0.5 | <1 | 2.73 | 10 | 0.02 | 0.56 | 10 | 0.01 | 105 | 9 | 0.02 | 1 | 0.22 | 8 | <1 | 38 | 1 | <0.01 | 1 | 10 |
| 19 | 11489 | 0.08 | 20 | 34 | 0.01 | <0.5 | 21 | 1.62 | <10 | <0.01 | 0.04 | 10 | -0.01 | 28 | 2 | -0.01 | 18 | 0.74 | <2 | 1 | 14 | 3 | <0.01 | 1 | 10 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map Sample No | Location | Type | Site | Method | Size (ft) | Description | Pt ppm | Au ppm | Ag ppm | Cu ppm | Pb ppm | Zn ppm | As ppm |
|---------------|--------------------------|------|------|--------|-----------|--|--------|--------|--------|--------|--------|--------|--------|
| 19 | 11490 NW Kijik Lake | R | OC | SC | 6 | alt metased w/ sulf | <0.005 | <0.001 | 0.5 | 8 | 24 | 2 | 22 |
| 19 | 11491 NW Kijik Lake | R | OC | G | | granite w/ dissemin sulf | <0.005 | 0.001 | 0.002 | 0.4 | 25 | 4 | 65 |
| 20 | 11488 Thompson area | R | OC | G | | feox felsic volc w/ minor py | <0.005 | <0.001 | 0.5 | 36 | 17 | 118 | 79 |
| 21 | 11422 Pass | R | RC | G | 0.5 | feox dk gray, fg volc | <0.005 | 0.001 | 0.002 | 0.8 | 539 | 27 | 369 |
| 21 | 11423 Pass | R | RC | G | | feox breccia w/ py | 0.008 | <0.001 | 0.009 | 3.4 | 2290 | 75 | 1370 |
| 21 | 11424 Pass | R | RC | G | | feox breccia w/ py | <0.005 | 0.001 | 0.7 | 477 | 13 | 1150 | 6 |
| 21 | 11425 Pass | R | RC | G | | feox dk gray, fg volc | 0.008 | <0.001 | 0.005 | 0.7 | 193 | 14 | 303 |
| 21 | 11452 Pass | R | OC | S | | volc br w/ minor sulf | <0.005 | <0.001 | 4.4 | 200 | 928 | 745 | 169 |
| 21 | 11453 Pass | R | OC | S | | dacite w/ fg sulf | 0.007 | <0.001 | 0.4 | 38 | 28 | 161 | 17 |
| 21 | 11454 Pass | R | RC | S | | dk dacite porph w/ minor py | <0.005 | 0.001 | 1.8 | 640 | 18 | 472 | 45 |
| 21 | 11469 Pass | R | OC | G | | fg dk gray dacite w/ dissemin py/ po | <0.005 | 0.002 | 0.001 | 0.5 | 141 | 15 | 110 |
| 21 | 11470 Pass | R | OC | SC | 90@5 | dacite w/ dissemin fg py/ po | <0.005 | 0.001 | 0.4 | 117 | 10 | 135 | 56 |
| 21 | 11471 Pass | R | RC | S | | dacite w/ fg to cg sulf of py/po ± gn & cpy | <0.005 | <0.001 | 0.001 | 4.1 | 508 | 480 | 1140 |
| 21 | 11472 Pass | R | RC | S | | feox sil dacite | <0.005 | <0.001 | 0.4 | 55 | 168 | 2810 | 11 |
| 22 | 11553 Pass Area | R | OC | G | | rhy to dac w/ minor py | <0.005 | <0.001 | 0.002 | 0.3 | 6 | 10 | 20 |
| 22 | 11554 Pass Area | R | R | SC | 7.5@0.5 | sil br w/ minor py | <0.005 | <0.001 | 0.002 | 0.3 | 5 | 13 | 8 |
| 22 | 11555 Pass Area | R | OC | S | | dacite w/ py ± cpy | <0.005 | 0.001 | 0.005 | 0.3 | 11 | 14 | 126 |
| 23 | 11573 E. Gladiator | R | OC | SC | 11 | granitoid near shear w/ dissemin py | <0.005 | <0.001 | 0.006 | 7.4 | 109 | 876 | 29 |
| 23 | 11574 E. Gladiator | R | OC | Rep | | hornfels metased near shear w/ py | <0.005 | 0.001 | <0.001 | 0.9 | 65 | 31 | 1220 |
| 23 | 11575 E. Gladiator | R | OC | S | | feox msv py, sph, cpy & mo in granitoid | 0.007 | 0.001 | 0.006 | 14.7 | 23 | 193 | 652 |
| 23 | 11576 E. Gladiator | R | OC | G | | granitoid w/ dissemin & stringers of mo | <0.005 | <0.001 | 0.009 | 15.2 | 13 | 216 | 72 |
| 23 | 11577 E. Gladiator | R | FL | G | | gneissic seds w/ po/py ± cpy | <0.005 | 0.002 | 0.006 | 0.6 | 799 | 7 | 43 |
| 24 | 11511 Currant Creek | R | RC | G | 1 | feox fg dk gray meta w/ py | <0.005 | <0.001 | 0.002 | 0.3 | 69 | 2 | 60 |
| 25 | 11556 Kontrashibuna Lake | R | RC | G | | fel int w/ dissemin, seams, & patches of py | <0.005 | 0.001 | 0.002 | <0.2 | 7 | 5 | 11 |
| 26 | 11571 W. Gladiator | R | FL | G | | msv py clasts in granitoid br | <0.005 | <0.001 | 0.353 | 1.7 | 1310 | 29 | 36 |
| 26 | 11572 W. Gladiator | R | FL | G | | epi vn in volc w/ cpy | 0.005 | 0.037 | 0.004 | 2.1 | 3800 | 12 | 37 |
| 27 | 11466 N. Kontrashibuna | R | FL | G | | skarn w/ msv sulf containing po, cpy, & sp | <0.005 | <0.001 | 0.02 | 4.4 | 2180 | 1980 | 688 |
| 27 | 11467 N. Kontrashibuna | R | OC | G | | alt diorite w/ dissemin seams & knots of cpy | 0.017 | 0.15 | 0.019 | 2.2 | 6300 | 18 | 73 |
| 27 | 11468 N. Kontrashibuna | R | RC | S | | alt diorite w/ dissemin seams & knots of cpy | 0.005 | 0.134 | 0.013 | 2 | 6250 | 15 | 60 |
| 28 | 11448 Kasna | R | OC | C | 8 | cust pyroxenite w/ sulf | <0.005 | <0.001 | 0.059 | 4 | 7040 | 31 | 661 |
| 28 | 11497 Kasna | R | OC | SC | 18@1 | skarn w/ cpy, hem, mag, amph, & grt | <0.005 | <0.001 | 0.101 | 28.9 | 2.24% | 583 | 1280 |
| 28 | 11498 Kasna | R | OC | SC | 60@3 | skarn w/ cpy, hem & mag | <0.005 | 0.001 | 0.122 | 3.7 | 8270 | 23 | 172 |
| 28 | 11581 Kasna | R | OC | SC | 30 | skarn w/ mag, hem, & cpy | <0.005 | <0.001 | 0.055 | 3.9 | 5760 | 11 | 250 |
| 28 | 11582 Kasna | R | OC | SC | 42 | skarn w/ mg, hem, & cpy | <0.005 | <0.001 | 0.004 | 3.5 | 8500 | 4 | 164 |
| 29 | 11411 Tak II | R | RC | S | | | 0.005 | 0.01 | 0.084 | 11.1 | 333 | 1260 | 434 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map Sample No | Al ppm | Ba ppm | Bi ppm | Ca ppm | Cd ppm | Co ppm | Fe ppm | Ga ppm | Hg ppm | K ppm | La ppm | Mg ppm | Mn ppm | Mo ppm | Na ppm | Ni ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ti ppm | V ppm | W ppm | |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|-------|-----|
| 19 | 11490 | 0.62 | 340 | 5 | 0.01 | <0.5 | <1 | 1.52 | <10 | <0.01 | 0.24 | 20 | -0.01 | 20 | 2 | 0.02 | <1 | 0.17 | <2 | 1 | 15 | 15 | <0.01 | 7 | 10 |
| 19 | 11491 | 0.56 | 550 | 5 | 0.18 | <0.5 | <1 | 3.49 | <10 | <0.01 | 0.25 | 10 | 0.03 | 343 | 2 | 0.13 | 1 | 1.6 | <2 | 10 | 8 | 3 | 0.08 | 3 | 10 |
| 20 | 11488 | 0.65 | 40 | <2 | 0.08 | 1.0 | <1 | 1.25 | 10 | <0.01 | 0.17 | 40 | 0.02 | 82 | 3 | 0.11 | <1 | <0.01 | <2 | <1 | 8 | 4 | <0.01 | <1 | 10 |
| 21 | 11422 | 4.34 | 500 | 2 | 1.17 | 4.9 | 16 | 4.69 | 10 | 0.02 | 1.5 | 10 | 1.29 | 390 | <1 | 0.36 | 6 | 0.26 | 13 | 12 | 10 | 106 | 0.15 | 115 | 10 |
| 21 | 11423 | 2.9 | 440 | 40 | 0.13 | 3.9 | 7 | 9.16 | 10 | 0.09 | 0.28 | 30 | 0.38 | 543 | <1 | 0.01 | 4 | 0.63 | 18 | 4 | 12 | 6 | 0.03 | 57 | 20 |
| 21 | 11424 | 1.66 | 440 | <2 | 0.59 | 19.1 | 6 | 3.97 | 10 | 0.01 | 0.52 | 50 | 0.51 | 656 | <1 | 0.09 | 4 | 0.04 | 2 | 9 | 29 | 17 | 0.19 | 68 | <10 |
| 21 | 11425 | 2.46 | 760 | 5 | 0.21 | 1.6 | 5 | 7.25 | 10 | 0.01 | 1.17 | 10 | 0.21 | 965 | 11 | 0.07 | 3 | 0.54 | 9 | 6 | 10 | 10 | 0.07 | 36 | 10 |
| 21 | 11452 | 1.44 | 400 | 3 | 0.02 | 1.0 | 1 | 5.17 | 10 | 0.03 | 0.14 | 10 | 0.04 | 353 | 3 | 0.01 | 1 | 0.21 | 13 | 2 | 16 | 2 | 0.01 | 4 | <10 |
| 21 | 11453 | 0.41 | 800 | <2 | 0.02 | 2.5 | <1 | 0.98 | <10 | 0.01 | 0.09 | <10 | 0.01 | 76 | 1 | 0.05 | <1 | 0.13 | <2 | 1 | 10 | 2 | <0.01 | 1 | 10 |
| 21 | 11454 | 4.3 | 780 | 5 | 1.22 | 6.7 | 17 | 4.42 | 10 | 0.01 | 1.45 | 10 | 1.28 | 443 | <1 | 0.33 | 6 | 0.29 | 10 | 13 | 11 | 128 | 0.18 | 124 | <10 |
| 21 | 11469 | 4.22 | 740 | 3 | 1.61 | <0.5 | 19 | 4.47 | 10 | 0.01 | 1 | <10 | 1.5 | 489 | 1 | 0.46 | 14 | 2.15 | 12 | 13 | 8 | 151 | 0.13 | 126 | 10 |
| 21 | 11470 | 3.77 | 630 | <2 | 1.52 | 0.9 | 12 | 3.67 | 10 | 0.01 | 0.92 | 10 | 1.1 | 201 | 1 | 0.43 | 5 | 1.04 | 8 | 9 | 10 | 109 | 0.15 | 103 | 10 |
| 21 | 11471 | 2.58 | 870 | 5 | 0.03 | 20.3 | 3 | 8.08 | 10 | 0.01 | 0.31 | 10 | 0.13 | 1420 | <1 | 0.02 | <1 | 1.21 | 8 | 2 | 35 | 2 | 0.01 | 14 | <10 |
| 21 | 11472 | 0.7 | 1260 | <2 | 0.11 | 37.6 | 7 | 1.88 | <10 | 0.01 | 0.12 | 30 | 0.08 | 3400 | 2 | 0.04 | 3 | 0.03 | <2 | 2 | 32 | 6 | 0.01 | 10 | <10 |
| 22 | 11553 | 0.43 | 550 | <2 | 0.02 | <0.5 | <1 | 1.15 | <10 | 0.06 | 0.15 | 10 | 0.01 | 24 | 4 | 0.06 | 1 | 0.1 | <2 | 1 | 8 | 3 | <0.01 | 2 | 10 |
| 22 | 11554 | 0.73 | 1690 | <2 | 0.02 | <0.5 | <1 | 1.11 | <10 | 0.03 | 0.12 | 10 | 0.02 | 25 | 4 | -0.01 | <1 | 0.14 | <2 | 1 | 9 | 4 | <0.01 | 3 | 10 |
| 22 | 11555 | 1.96 | 810 | 2 | 0.17 | <0.5 | 11 | 3.31 | <10 | 0.01 | 0.36 | 10 | 1.09 | 410 | 1 | 0.02 | 20 | 2.09 | 13 | 1 | 9 | 12 | <0.01 | 15 | 10 |
| 23 | 11573 | 0.34 | 1230 | 102 | 0.02 | 6.4 | 4 | 3.31 | <10 | <0.01 | 0.22 | 10 | 0.06 | 1085 | 175 | 0.02 | 1 | 0.93 | <2 | 1 | 15 | 2 | 0.07 | 5 | 10 |
| 23 | 11574 | 2.36 | 770 | 16 | 0.2 | 3.5 | 15 | 7.83 | 10 | <0.01 | 0.22 | <10 | 1.11 | 3350 | 29 | 0.04 | 17 | 3.83 | <2 | 5 | 11 | 6 | 0.1 | 71 | <10 |
| 23 | 11575 | 1.98 | 960 | 194 | 0.12 | 3.0 | 16 | 10.25 | 10 | <0.01 | 0.23 | <10 | 0.86 | 2910 | 42 | 0.02 | 18 | 6.65 | <2 | 3 | 13 | 4 | 0.06 | 41 | 10 |
| 23 | 11576 | 0.28 | 1590 | 229 | 0.01 | <0.5 | 1 | 4.43 | <10 | 0.01 | 0.22 | 10 | 0.01 | 585 | 79 | 0.02 | <1 | 0.39 | <2 | 1 | 17 | 5 | 0.05 | 5 | 10 |
| 23 | 11577 | 1.93 | 690 | 2 | 1.09 | <0.5 | 27 | 6.77 | 10 | <0.01 | 0.4 | <10 | 0.52 | 2120 | 16 | 0.12 | 35 | 4.78 | <2 | 7 | 8 | 33 | 0.17 | 91 | 10 |
| 24 | 11511 | 2.62 | 200 | <2 | 0.98 | <0.5 | 24 | 6.21 | 10 | 0.01 | 0.07 | <10 | 1.33 | 953 | <1 | 0.33 | 32 | 4.93 | <2 | 16 | 8 | 72 | 0.26 | 141 | <10 |
| 25 | 11556 | 0.55 | 1020 | <2 | 0.17 | <0.5 | 1 | 1.3 | <10 | 0.01 | 0.19 | <10 | 0.08 | 177 | 2 | 0.14 | 1 | 0.43 | <2 | 2 | 9 | 14 | 0.1 | 12 | 10 |
| 26 | 11571 | 1.7 | 180 | 6 | 0.4 | 0.5 | 1405 | 15.7 | 10 | 0.02 | 0.09 | <10 | 0.8 | 221 | 21 | 0.04 | 249 | 10 | 8 | 2 | 7 | 8 | 0.02 | 28 | 10 |
| 26 | 11572 | 1.19 | 50 | 2 | 1.47 | <0.5 | 10 | 2.3 | <10 | 0.01 | 0.02 | <10 | 0.61 | 236 | 2 | 0.04 | 20 | 0.06 | 3 | 5 | 8 | 83 | 0.41 | 92 | 10 |
| 27 | 11466 | 1.84 | 340 | 10 | 3.43 | 3.5 | 89 | 11.55 | 10 | 0.02 | 0.03 | <10 | 0.85 | 562 | 65 | 0.08 | 241 | 0.08 | 11 | 2 | 7 | 67 | 0.07 | 47 | 10 |
| 27 | 11467 | 1.19 | 70 | <2 | 1.2 | 0.8 | 31 | 4.91 | 10 | 0.3 | 0.05 | <10 | 1.05 | 207 | 1 | 0.09 | 43 | 0.53 | 2 | 6 | 8 | 35 | 0.28 | 144 | <10 |
| 27 | 11468 | 1.59 | 30 | <2 | 1.64 | 0.5 | 26 | 5.53 | <10 | 0.21 | 0.03 | <10 | 1.24 | 270 | 2 | 0.06 | 87 | 0.55 | 4 | 6 | 8 | 95 | 0.32 | 123 | 10 |
| 28 | 11448 | 0.16 | 60 | <2 | 3.44 | 1.0 | 93 | 23.5 | <10 | 0.05 | 0.01 | <10 | 0.29 | 6340 | 5 | 0.03 | 2 | 0.65 | 22 | <1 | 7 | 55 | 0.01 | 41 | 20 |
| 28 | 11497 | 0.21 | 50 | 10 | 5.61 | 2.5 | 99 | 33.4 | <10 | 0.15 | 0.01 | <10 | 0.4 | 3840 | 19 | 0.04 | 4 | 7.12 | 26 | 1 | 7 | 89 | 0.01 | 24 | 10 |
| 28 | 11498 | 0.94 | 40 | 45 | 4.47 | <0.5 | 312 | 19.3 | <10 | 0.02 | 0.28 | <10 | 1.42 | 2770 | 7 | 0.08 | 11 | 7.21 | 27 | 4 | 7 | 116 | 0.14 | 50 | 20 |
| 28 | 11581 | 0.17 | 60 | 7 | 6.31 | 0.8 | 26 | 17.5 | <10 | 0.19 | 0.01 | <10 | 0.65 | 5250 | 60 | 0.02 | 2 | 1.32 | 14 | 2 | 7 | 44 | 0.01 | 15 | 20 |
| 28 | 11582 | 0.11 | 70 | 15 | 6.45 | 0.9 | 26 | 18.6 | <10 | 0.07 | 0.01 | <10 | 0.41 | 5420 | 16 | 0.02 | 1 | 0.66 | 9 | 1 | 7 | 56 | 0.01 | 8 | 10 |
| 29 | 11411 | 3.51 | 220 | 20 | 0.05 | <0.5 | 37 | 11.7 | 10 | 0.02 | 0.12 | <10 | 2.01 | 1430 | <1 | 0.01 | 36 | 3.74 | 19 | 15 | 8 | 1 | 0.1 | 180 | 10 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map Sample No | Location | Type | Site | Method | Size (ft) | Description | Pt ppm | Au ppm | Ag ppm | Cu ppm | Pb ppm | Zn ppm | As ppm |
|---------------|-------------------------|------|------|--------|-----------|--|--------|--------|--------|--------|--------------|--------------|--------------|
| 29 | 11447 Tak II | R | OC | SC | 7.5@1 | fel volc w/ minor feox | <0.005 | 0.001 | 0.044 | 0.2 | 55 | 9 | 13 |
| 29 | 11450 Tak II | R | OC | SC | 166@10 | mafic volc w/ py & mag | <0.005 | 0.007 | 0.097 | 6 | 329 | 1830 | 84 |
| 29 | 11451 Tak II | R | OC | RC | | feox gabbro w/ hem | <0.005 | 0.012 | 0.004 | 0.4 | 193 | 26 | 11 |
| 29 | 11492 Tak II | R | OC | SC | 9 | gs w/ cpy in stringers & patches | 0.005 | 0.019 | 0.005 | 3.8 | 1.04% | 9 | 53 |
| 29 | 11493 Tak II | R | OC | SC | 10.5@0.5 | gs w/ cpy in stringers | <0.005 | 0.018 | 0.005 | 1.8 | 4340 | 7 | 53 |
| 29 | 11494 Tak II | R | OC | SC | 11@0.5 | gs/ w minor cpy | 0.005 | 0.016 | 0.001 | <0.2 | 1590 | 6 | 43 |
| 29 | 11495 Tak II | R | OC | S | | gs w/ cpy in stringers | <0.005 | 0.051 | 0.635 | 81 | 4.37% | 56 | 167 |
| 29 | 11496 Tak II | R | OC | S | | hem stringers in gs w/ cpy & py | <0.005 | 0.006 | 0.008 | 2.5 | 3330 | 19 | 43 |
| 30 | 11419 Tazinima | R | FL | G | 0.5 | fe stained, w/ minor cuox | 0.005 | 0.004 | 0.048 | 8 | 5080 | 986 | 1.87% |
| 30 | 11420 Tazinima | R | FL | G | | feox alterd rock w/ sulf | <0.005 | 0.001 | 0.136 | 19.7 | 3800 | 4850 | 4.04% |
| 30 | 11421 Tazinima | R | FL | G | 1 | feox alterd rock w/ sulf | <0.005 | <0.001 | 0.422 | 57.6 | 2.48% | 1830 | 2.41% |
| 30 | 11464 Tazinima | R | OC | S | | feox sch w/ seams & pods of py/po± cpy | 0.008 | 0.016 | 0.198 | 12.5 | 7900 | 106 | 2920 |
| 30 | 11465 Tazinima | R | OC | SC | 14.5 | feox sch w/ seams & pods of py/po± cpy | <0.005 | 0.005 | 0.034 | 2.6 | 1550 | 8 | 1120 |
| 30 | 11509 Tazinima | R | RC | S | | feox volc? | <0.005 | 0.005 | 0.002 | <0.2 | 37 | 3 | 90 |
| 31 | 11568 Little Tazinima | R | OC | C | 1.7 | feox granite w/ dissemin cpy | <0.005 | <0.001 | 0.109 | 47.1 | 1.22% | 1.17% | 1425 |
| 32 | 11402 Keefer | SS | | | | | -- | -- | | | | | |
| 33 | 11407 Rocky K | SS | | | | | -- | -- | <0.005 | <0.2 | 13 | 4 | 63 |
| 34 | 11405 Old Man Creek | SS | | | | | -- | -- | 1.1 | <0.2 | 12 | 5 | 57 |
| 34 | 11406 Old Man Creek | PC | | | | | -- | -- | 0.017 | <0.2 | 22 | 5 | 66 |
| 35 | 11403 Sleitat Mtn | R | RC | G | 3 | fg dk gray andesite w/ dissemin pyrr | -- | -- | 0.057 | 4.4 | 30 | 70 | 45 |
| 35 | 11404 Sleitat Mtn | R | RC | G | 3 | light dacite porph w/ qtz vn(s) | -- | -- | 0.158 | 276 | 627 | 1245 | 401 |
| 36 | 11432 Robin | SS | | | | | -- | -- | <0.005 | <0.2 | 41 | 12 | 132 |
| 37 | 11431 Shotgun Hills | R | OC | Rep | 1 | rhyolite porph w/ qtz vn(s) | -- | -- | 1.395 | 8 | 231 | 70 | 34 |
| 38 | 11410 King Salmon River | SS | | | | | -- | -- | <0.005 | 0.2 | 36 | 11 | 99 |
| 39 | 11408 Tickchik Mtn | R | OC | C | 0.5 | aplite dike in granite | -- | -- | 0.007 | 5.8 | 16 | 29 | 18 |
| 39 | 11409 Tickchik Mtn | R | OC | C | 1 | granite | -- | -- | <0.005 | 0.6 | 3 | 6 | 44 |
| 40 | 11842 Canyon Creek | SS | | | | | <0.005 | <0.001 | 0.003 | <0.2 | 36 | 7 | 85 |
| 40 | 11843 Canyon Creek | PC | | | | 1 pan | <0.005 | 0.001 | 0.259 | <0.2 | 39 | 7 | 176 |
| 41 | 11811 Millet | R | TP | S | | feox gossan in skarn w/ cpy | <0.005 | <0.001 | 0.108 | 10.9 | 4.95% | 8 | 891 |
| 41 | 11813 Millet | R | TP | C | 4 | feox, cuox skarn w/ cpy | <0.005 | <0.001 | 0.036 | 13.5 | 3.34% | 7 | 627 |
| 41 | 11814 Millet | R | TP | C | 6 | feox, cuox skarn w/ cpy | <0.005 | <0.001 | 0.047 | 1.1 | 9860 | 5 | 78 |
| 41 | 11815 Millet | R | TP | G | 2 | feox, cuox skarn w/ cpy | <0.005 | <0.001 | 0.089 | 3.1 | 4020 | 4 | 1280 |
| 41 | 11844 Millet | R | OC | C | 6 | dk skarn w/ dissemin cpy | <0.005 | 0.001 | 0.006 | 1.4 | 6550 | 3 | 79 |
| 41 | 11845 Millet | R | TP | Rep | | feox cuox skarn | <0.005 | <0.001 | 0.077 | 14.1 | 5.86% | 5 | 784 |
| 41 | 11846 Millet | R | TP | S | | dk gray feox skarn w/ dissemin cpy | <0.005 | 0.001 | 0.006 | 1.8 | 6340 | 2 | 184 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map Sample No | Al ppm | Ba ppm | Bi ppm | Ca ppm | Cd ppm | Co ppm | Fe ppm | Ga ppm | Hg ppm | K ppm | La ppm | Mg ppm | Mn ppm | Mo ppm | Na ppm | Ni ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ti ppm | V ppm | W ppm | |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|-------|-----|
| 29 | 11447 | 0.63 | 540 | <2 | 0.16 | <0.5 | 4 | 1.79 | <10 | 0.01 | 0.1 | 10 | 0.3 | 165 | <1 | 0.05 | 4 | 0.02 | <2 | 2 | 9 | 9 | 0.06 | 27 | <10 |
| 29 | 11450 | 3.98 | 180 | 8 | 0.5 | 8.7 | 18 | 9.21 | 10 | 0.03 | 0.09 | <10 | 2.3 | 1490 | <1 | 0.03 | 44 | 1.42 | 15 | 13 | 8 | 14 | 0.13 | 188 | <10 |
| 29 | 11451 | 2.11 | 130 | <2 | 1.31 | <0.5 | 23 | 4.84 | 10 | <0.01 | 0.09 | <10 | 0.93 | 443 | <1 | 0.18 | 28 | 0.05 | 5 | 5 | 8 | 44 | 0.21 | 137 | 10 |
| 29 | 11492 | 2.7 | 20 | 5 | 2.25 | <0.5 | 19 | 5.26 | 10 | 0.01 | 0.06 | <10 | 1.12 | 327 | <1 | 0.23 | 41 | 0.67 | <2 | 6 | 8 | 93 | 0.54 | 190 | 10 |
| 29 | 11493 | 2.1 | 40 | 3 | 1.96 | <0.5 | 20 | 6 | 10 | 0.03 | 0.06 | <10 | 1.17 | 313 | <1 | 0.25 | 44 | 0.27 | <2 | 6 | 8 | 75 | 0.53 | 240 | 10 |
| 29 | 11494 | 2.34 | 60 | 2 | 2.1 | 0.5 | 15 | 5.13 | 10 | <0.01 | 0.1 | <10 | 0.96 | 323 | <1 | 0.25 | 35 | 0.01 | <2 | 6 | 8 | 58 | 0.41 | 211 | <10 |
| 29 | 11495 | 2.05 | 60 | 11 | 3.76 | 1.7 | 25 | 7.24 | 10 | 0.24 | 0.08 | <10 | 1 | 482 | 2 | 0.04 | 43 | 3.15 | <2 | 9 | 9 | 43 | 0.41 | 144 | 10 |
| 29 | 11496 | 1.69 | 110 | 12 | 7.54 | <0.5 | 9 | 4.65 | <10 | 0.05 | 0.23 | <10 | 0.4 | 889 | <1 | 0.02 | 25 | 0.01 | <2 | 5 | 8 | 47 | 0.14 | 76 | 10 |
| 30 | 11419 | 1.43 | 70 | 2 | 0.07 | 69.1 | 12 | 33.9 | 10 | 1 | 0.05 | <10 | 0.79 | 380 | <1 | 0.03 | 36 | 10 | 33 | 4 | 7 | 4 | 0.03 | 33 | <10 |
| 30 | 11420 | 3.12 | 40 | 9 | 0.87 | 173.0 | 24 | 22.1 | 10 | 2 | 0.02 | <10 | 1.48 | 646 | 3 | 0.15 | 1 | 10 | 26 | 3 | 10 | 18 | 0.03 | 31 | <10 |
| 30 | 11421 | 1.92 | 200 | <2 | 0.08 | 95.7 | 54 | 26 | 10 | 1 | 0.03 | <10 | 1.14 | 541 | <1 | 0.01 | 26 | 10 | 25 | 5 | 8 | 1 | 0.02 | 45 | <10 |
| 30 | 11464 | 3.48 | 70 | <2 | 0.1 | 20.8 | 110 | 22.7 | 10 | 0.02 | 0.04 | <10 | 2.29 | 905 | 14 | 0.03 | 12 | 10 | 27 | 17 | 7 | 2 | 0.03 | 125 | <10 |
| 30 | 11465 | 3.23 | 180 | 3 | 0.22 | 6.1 | 35 | 8.07 | 10 | 0.01 | 0.07 | <10 | 2.57 | 1140 | 1 | 0.05 | 7 | 3.46 | 10 | 18 | 7 | 9 | 0.06 | 138 | <10 |
| 30 | 11509 | 3.04 | 810 | <2 | 1.35 | <0.5 | 14 | 4.77 | 10 | <0.01 | 0.79 | <10 | 1.38 | 783 | <1 | 0.28 | 5 | 0.97 | <2 | 9 | 8 | 74 | 0.32 | 106 | 10 |
| 31 | 11568 | 0.29 | 1940 | 440 | 0.17 | 8.9 | 1 | 1.41 | <10 | 0.1 | 0.05 | 70 | 0.02 | 10250 | 76 | 0.03 | 2 | 0.4 | <2 | 3 | 11 | 7 | 0.03 | 11 | <10 |
| 32 | 11402 | 1.68 | 740 | <2 | 0.34 | <0.5 | 9 | 2.97 | 10 | 0.02 | 0.07 | 10 | 0.58 | 746 | 1 | 0.02 | 19 | 0.02 | <2 | 3 | 9 | 21 | 0.09 | 54 | 10 |
| 33 | 11407 | 1.34 | 830 | <2 | 0.23 | <0.5 | 7 | 2.44 | <10 | 0.02 | 0.06 | 10 | 0.45 | 370 | 1 | 0.02 | 17 | 0.01 | <2 | 3 | 6 | 17 | 0.09 | 49 | <10 |
| 34 | 11405 | 1.19 | 760 | <2 | 0.21 | <0.5 | 8 | 2.93 | <10 | 0.02 | 0.05 | 10 | 0.35 | 474 | 1 | 0.02 | 17 | 0.01 | <2 | 3 | 10 | 16 | 0.11 | 79 | 10 |
| 34 | 11406 | 1.75 | 790 | <2 | 0.83 | <0.5 | 9 | 5.28 | 10 | 0.07 | 0.29 | 70 | 0.58 | 820 | 1 | 0.12 | 20 | 0.03 | <2 | 6 | 21 | 55 | 0.49 | 160 | 10 |
| 35 | 11403 | 1.34 | 800 | 27 | 0.09 | 1.0 | 2 | 1.84 | <10 | 0.02 | 0.87 | 10 | 0.39 | 465 | 1 | 0.01 | 7 | 0.02 | 19 | 2 | 456 | 12 | 0.06 | 42 | 230 |
| 35 | 11404 | 0.29 | 130 | 99 | -0.01 | 17.6 | <1 | 18.4 | 10 | 0.88 | 0.17 | 10 | 0.01 | 32 | 27 | -0.01 | <1 | 0.34 | 728 | 4 | 660 | 14 | <0.01 | 4 | <10 |
| 36 | 11432 | 1.71 | 1440 | <2 | 0.17 | <0.5 | 17 | 4.03 | <10 | 0.16 | 0.07 | <10 | 0.41 | 895 | 1 | 0.01 | 54 | 0.02 | <2 | 5 | 9 | 16 | 0.02 | 52 | 10 |
| 37 | 11431 | 0.16 | 130 | 21 | -0.01 | 1.0 | <1 | 4.01 | <10 | 0.14 | 0.05 | <10 | -0.01 | 30 | 113 | 0.01 | <1 | 0.08 | 87 | <1 | 21 | 3 | <0.01 | 2 | 340 |
| 38 | 11410 | 1.93 | 870 | <2 | 0.28 | <0.5 | 15 | 3.8 | 10 | 0.03 | 0.08 | 10 | 0.68 | 1055 | 1 | 0.02 | 44 | 0.01 | 9 | 4 | 11 | 18 | 0.08 | 57 | 10 |
| 39 | 11408 | 0.18 | 40 | 2 | 0.03 | <0.5 | <1 | 0.75 | <10 | 0.13 | 0.08 | <10 | 0.01 | 47 | 1 | 0.05 | <1 | 0.02 | 17 | 1 | 75 | 1 | <0.01 | 1 | 20 |
| 39 | 11409 | 0.49 | 220 | <2 | 0.07 | <0.5 | 1 | 1.33 | <10 | <0.01 | 0.31 | 20 | 0.11 | 247 | <1 | 0.04 | 1 | 0.02 | 2 | 3 | 14 | 2 | 0.09 | 10 | 20 |
| 40 | 11842 | 1.07 | 600 | 2 | 0.83 | <0.5 | 9 | 10.45 | 10 | 0.02 | 0.05 | 10 | 0.37 | 830 | <1 | 0.03 | 3 | 0.09 | <2 | 3 | 7 | 54 | 0.19 | 298 | 10 |
| 40 | 11843 | 0.41 | 170 | 3 | 0.64 | <0.5 | 26 | 45.1 | 30 | 0.03 | 0.04 | 10 | 0.16 | 2030 | 1 | 0.03 | 7 | 0.05 | <2 | 3 | 7 | 25 | 0.37 | 1200 | 10 |
| 41 | 11811 | 1.14 | 90 | 9 | 7.17 | 2.5 | 87 | 23.7 | <10 | 0.11 | 0.02 | 10 | 0.7 | 6310 | 12 | 0.02 | 11 | 2.63 | <2 | 4 | 7 | 67 | 0.01 | 32 | 10 |
| 41 | 11813 | 0.76 | 20 | <2 | 6.98 | 1.2 | 232 | 18.9 | <10 | 0.1 | 0.01 | <10 | 0.99 | 7330 | 175 | 0.03 | 6 | 4.73 | <2 | 2 | 7 | 71 | 0.01 | 49 | <10 |
| 41 | 11814 | 0.26 | 30 | <2 | 9.67 | <0.5 | 27 | 16.7 | <10 | 0.02 | 0.01 | <10 | 0.62 | 6630 | 7 | 0.03 | <1 | 0.7 | <2 | 1 | 7 | 60 | 0.01 | 15 | 10 |
| 41 | 11815 | 0.5 | 50 | 5 | 14.4 | 3.2 | 54 | 12.4 | <10 | 0.11 | 0.01 | <10 | 0.82 | 6000 | 11 | 0.02 | 5 | 0.79 | 10 | 1 | 8 | 142 | 0.01 | 24 | <10 |
| 41 | 11844 | 1.28 | 90 | <2 | 6.94 | <0.5 | 23 | 9.28 | <10 | 0.02 | 0.02 | <10 | 1.62 | 9820 | 5 | 0.02 | 11 | 0.62 | 7 | 5 | 7 | 78 | 0.04 | 39 | 10 |
| 41 | 11845 | 0.82 | 50 | 15 | 2.52 | 2.1 | 121 | 17.9 | <10 | 0.2 | 0.01 | <10 | 0.67 | 6750 | 11 | 0.01 | 30 | 5.25 | 17 | 4 | 7 | 19 | 0.02 | 34 | <10 |
| 41 | 11846 | 2.61 | 100 | <2 | 10.95 | <0.5 | 34 | 5.95 | 10 | 0.03 | 0.03 | <10 | 2.56 | 2960 | 1 | 0.07 | 61 | 0.48 | 9 | 11 | 8 | 267 | 0.04 | 67 | <10 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map Sample No | Location | Type | Site | Method | Size (ft) | Description | Pt ppm | Pd ppm | Au ppm | Ag ppm | Cu ppm | Pb ppm | Zn ppm | As ppm | |
|---------------|----------|-------------|------|--------|-----------|-------------|----------------------------------|--------|--------|--------|--------|--------------|--------|--------|------|
| 41 | 11847 | Millet | R | TP | Rep | 5 | skarn w/ tr cpy | <0.005 | 0.002 | 0.161 | 43.8 | 6330 | 8 | 1620 | 124 |
| 41 | 11848 | Millet | R | OC | C | 5 | feox dk skarn w/ cpy | <0.005 | <0.001 | 0.007 | 1.3 | 4700 | 4 | 144 | 14 |
| 41 | 11849 | Millet | R | OC | C | 5 | dk gray feox skarn w/ dissem cpy | <0.005 | <0.001 | 0.018 | 6.8 | 1.23% | 7 | 293 | 61 |
| 41 | 11850 | Millet | R | TP | Rep | 3 | feox skarn w/ tr cpy | <0.005 | 0.001 | 0.108 | 10.1 | 9660 | 28 | 249 | 251 |
| 41 | 11851 | Millet | R | TP | Rep | 3 | dk gray feox skarn w/ dissem cpy | 0.006 | <0.001 | 0.006 | 1.6 | 5700 | 10 | 202 | 14 |
| 41 | 11852 | Millet | R | RC | | 3 | dk gray feox skarn w/ dissem cpy | <0.005 | <0.001 | 0.195 | 20.6 | 7170 | 50 | 2630 | 691 |
| 41 | 11853 | Millet | R | TP | Rep | 2 | dk gray feox skarn w/ dissem cpy | <0.005 | <0.001 | 0.01 | 2.7 | 8830 | 6 | 370 | 24 |
| 41 | 11854 | Millet | R | TP | Rep | 5 | feox gossan skarn | <0.005 | <0.001 | 0.049 | 7.3 | 2340 | 15 | 533 | 216 |
| 42 | 11855 | Anelon | SS | | | | | <0.006 | <0.001 | <0.001 | <0.2 | 7 | 5 | 54 | 4 |
| 42 | 11856 | Anelon | PC | | | | | <0.005 | <0.002 | 0.094 | <0.2 | 4 | 2 | 26 | 2 |
| 43 | 11863 | Frying Pan | R | RC | G | 10 | feox volc w/ tr py | <0.005 | 0.014 | 0.266 | 2 | 88 | 15 | 17 | 18 |
| 43 | 11864 | Frying Pan | R | RC | G | 10 | feox fel volc w/ dissem py | <0.005 | <0.001 | 0.037 | 0.6 | 6 | 17 | 14 | 63 |
| 44 | 11826 | 308 Zone | R | OC | Rep | 2 | granite porph | <0.005 | <0.001 | 0.028 | 0.3 | 104 | 2 | 24 | 2 |
| 45 | 10785 | Pile | R | RC | G | | mg hbl gabbro | <0.005 | 0.001 | <0.001 | <0.2 | 212 | 2 | 62 | 4 |
| 45 | 11812 | Pile | R | OC | G | 1 | gb w/ mag | 0.005 | 0.002 | 0.001 | <0.2 | 210 | 2 | 37 | 3 |
| 46 | 10777 | Dutton | R | RC | G | | hem alt vn(s) in greenstone | 0.005 | <0.001 | <0.001 | <0.2 | 5 | 7 | 46 | <2 |
| 46 | 10778 | Dutton | R | OC | Rep | | fest greenstone | <0.005 | <0.001 | 0.006 | <0.2 | 147 | 2 | 57 | 18 |
| 46 | 10781 | Dutton | R | OC | C | 3 | shear in gs w/ cpy, mo, & gn | 0.008 | 0.017 | 0.247 | 28.7 | 1.88% | 22 | 1080 | 183 |
| 46 | 10782 | Dutton | R | OC | Rep | 2 | msv cpy, gn, & mo in shear zone | <0.005 | 0.02 | 0.184 | 37.7 | 2.47% | 14 | 1050 | 121 |
| 46 | 10783 | Dutton | R | OC | C | 3 | cpy & cuox in feox shear | <0.005 | <0.001 | 0.024 | 8.7 | 4990 | 6 | 21 | 35 |
| 46 | 11800 | Dutton | R | RC | S | 0.5 | vn in di w/ dissm mag | <0.005 | <0.001 | <0.001 | <0.2 | 29 | 7 | 25 | <2 |
| 46 | 11801 | Dutton | R | Rc | Rep | 1 | mag-hb-qtz rich diorite | 0.007 | 0.002 | <0.001 | 0.8 | 46 | 54 | 138 | 53 |
| 46 | 11806 | Dutton | R | TP | C | 2 | feox gs w/ cpy | 0.01 | 0.018 | 0.047 | 4.5 | 2170 | 9 | 161 | 252 |
| 46 | 11807 | Dutton | R | TP | C | 5 | feox volc w/ tr cpy & py | 0.01 | 0.004 | <0.001 | <0.2 | 50 | 5 | 9 | 2 |
| 46 | 11808 | Dutton | R | RB | G | | feox gossan in skarn w/ py & cpy | <0.005 | 0.002 | 0.007 | 43.7 | 61 | 2470 | 5050 | 3060 |
| 47 | 10779 | Dunyea | R | RC | G | | fest and cust gossan | <0.005 | 0.007 | 0.008 | 0.3 | 1.55% | 43 | 416 | 20 |
| 47 | 11804 | Dunyea | R | TP | S | | feox gs w/ cpy, py ± mo, sph | <0.005 | 0.012 | 0.061 | 5.7 | 2.42% | 5 | 117 | 7 |
| 48 | 11802 | Dunyea area | R | OC | C | 3 | gs br w/ tr sulf | 0.01 | 0.023 | 0.017 | 0.6 | 378 | 4 | 31 | 11 |
| 48 | 11803 | Dunyea area | R | RC | C | 1 | skarn | <0.005 | 0.002 | 0.004 | <0.2 | 482 | 2 | 8290 | 7 |
| 49 | 10780 | Ground Hog | R | OC | C | | gs | <0.005 | 0.002 | 0.043 | 4.1 | 4670 | 3 | 62 | 4 |
| 49 | 11805 | Ground Hog | R | OC | C | 3 | skarn w/ sulf | <0.005 | 0.001 | <0.001 | 0.4 | 238 | 8 | 31 | 30 |
| 49 | 11809 | Ground Hog | R | TP | Rep | 15 | feox gossan in skarn w/ py & cpy | <0.005 | 0.002 | 0.048 | 3.3 | 3450 | 13 | 182 | 42 |
| 49 | 11810 | Ground Hog | R | TP | Rep | | feox gossan in skarn w/ py & cpy | 0.005 | 0.008 | 0.083 | 3.1 | 5830 | 12 | 146 | 87 |
| 50 | 11825 | Durant | R | OC | C | 1 | feox shear w/ carb.sil & tr sulf | 0.007 | 0.008 | 0.002 | <0.2 | 105 | 3 | 63 | 16 |
| 50 | 11831 | Durant | R | OC | C | 1 | qtz-calc vein w/ py | <0.005 | 0.011 | 0.04 | 0.5 | 1220 | <2 | 28 | 6 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map No | Sample No | Al ppm | Ba ppm | Bi ppm | Ca ppm | Cd ppm | Co ppm | Fe ppm | Ga ppm | Hg ppm | K ppm | La ppm | Mg ppm | Mn ppm | Mo ppm | Na ppm | Ni ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ti ppm | V ppm | W ppm |
|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|-------|
| 41 | 11847 | 0.9 | <10 | <2 | 10.45 | 4.2 | 21 | 13.65 | <10 | 0.51 | 0.01 | <10 | 1.03 | 2830 | 34 | 0.02 | 11 | 1.38 | 20 | 4 | 8 | 201 | <0.01 | 45 | <10 |
| 41 | 11848 | 0.64 | 110 | 2 | 15.6 | <0.5 | 28 | 9.85 | 10 | 0.04 | 0.03 | 10 | 1.02 | 7900 | 3 | 0.03 | 6 | 0.82 | 7 | 2 | 7 | 148 | 0.02 | 24 | 10 |
| 41 | 11849 | 0.65 | 70 | <2 | 8.64 | <0.5 | 164 | 18.3 | <10 | 0.06 | 0.03 | <10 | 0.74 | 5710 | 8 | 0.02 | 9 | 4.22 | 15 | 3 | 7 | 101 | 0.01 | 26 | 10 |
| 41 | 11850 | 0.23 | 40 | <2 | 2.49 | <0.5 | 41 | 29.9 | <10 | 0.12 | 0.01 | <10 | 0.33 | 3400 | 10 | 0.02 | 1 | 0.33 | 29 | 1 | 7 | 27 | 0.01 | 16 | 10 |
| 41 | 11851 | 0.28 | 20 | <2 | 12.4 | <0.5 | 42 | 16.3 | <10 | 0.03 | 0.01 | <10 | 0.85 | 5920 | 6 | 0.03 | 3 | 0.72 | 12 | 1 | 7 | 112 | 0.01 | 11 | 10 |
| 41 | 11852 | 0.12 | <10 | 3 | 0.18 | 8.2 | 104 | 30 | <10 | 0.21 | -0.01 | <10 | 0.05 | 924 | 22 | 0.01 | 3 | 1.3 | 36 | 1 | 7 | 3 | <0.01 | 19 | <10 |
| 41 | 11853 | 0.12 | 10 | <2 | 12.4 | 0.5 | 79 | 16.8 | <10 | 0.03 | 0.01 | <10 | 0.36 | 10600 | 8 | 0.03 | 1 | 1.18 | 13 | <1 | 6 | 104 | <0.01 | 9 | 10 |
| 41 | 11854 | 0.08 | <10 | 5 | 0.04 | 0.7 | 35 | 21.6 | <10 | 0.07 | -0.01 | <10 | 0.01 | 487 | 18 | 0.01 | <1 | 1.02 | 18 | <1 | 7 | 1 | <0.01 | 16 | <10 |
| 42 | 11855 | 0.91 | 640 | <2 | 0.49 | <0.5 | 3 | 1.35 | <10 | 0.01 | 0.03 | 10 | 0.5 | 179 | <1 | 0.04 | 2 | 0.02 | <2 | 4 | 9 | 31 | 0.15 | 26 | 10 |
| 42 | 11856 | 0.74 | 770 | <2 | 0.38 | <0.5 | 4 | 1.24 | <10 | 0.01 | 0.07 | 10 | 0.28 | 226 | <1 | 0.07 | 6 | 0.03 | 2 | 2 | 8 | 27 | 0.11 | 25 | <10 |
| 43 | 11863 | 0.61 | 700 | 3 | 0.23 | <0.5 | 6 | 5.04 | <10 | 0.01 | 0.2 | <10 | 0.41 | 203 | 7 | 0.02 | 1 | 0.42 | <2 | 5 | 8 | 30 | 0.03 | 120 | 10 |
| 43 | 11864 | 0.66 | 1200 | <2 | 0.02 | <0.5 | <1 | 0.91 | <10 | 0.03 | 0.09 | 20 | 0.04 | 103 | 9 | 0.03 | <1 | 0.02 | <2 | 2 | 9 | 5 | <0.01 | 2 | 10 |
| 44 | 11826 | 0.81 | 690 | <2 | 0.38 | <0.5 | 4 | 3.06 | <10 | 0.01 | 0.05 | <10 | 0.57 | 203 | 3 | 0.07 | 2 | 0.73 | <2 | 3 | 8 | 21 | 0.09 | 60 | 10 |
| 45 | 10785 | 1.66 | 920 | <2 | 0.52 | <0.5 | 12 | 2.91 | 10 | 0.04 | 0.67 | 10 | 1.19 | 602 | <1 | 0.08 | 5 | 0.03 | <2 | 5 | 9 | 20 | 0.2 | 78 | <10 |
| 45 | 11812 | 1.83 | 300 | <2 | 1.49 | <0.5 | 25 | 5.87 | 10 | 0.01 | 0.09 | <10 | 1.79 | 396 | <1 | 0.2 | 23 | 0.02 | <2 | 19 | 8 | 36 | 0.25 | 323 | 10 |
| 46 | 10777 | 7 | <10 | 2 | 4.16 | <0.5 | 80 | 10.1 | 10 | 0.03 | 0.01 | <10 | 9.08 | 1110 | <1 | 0.34 | 173 | 0.02 | <2 | 3 | 8 | 291 | 0.14 | 261 | <10 |
| 46 | 10778 | 1.69 | 220 | 2 | 0.32 | <0.5 | 8 | 6.43 | 10 | 0.03 | 0.07 | <10 | 1.27 | 559 | 1 | 0.12 | 1 | 0.99 | <2 | 9 | 9 | 12 | 0.11 | 115 | 10 |
| 46 | 10781 | 2.96 | 40 | 18 | 4.32 | 23.6 | 279 | 19.4 | 10 | <0.1 | 0.11 | <10 | 1.88 | 1080 | 6 | 0.04 | 95 | 7.17 | <2 | 12 | 7 | 40 | 0.25 | 147 | <10 |
| 46 | 10782 | 3.69 | 40 | 25 | 5.45 | 23.2 | 85 | 9.16 | 10 | <0.1 | 0.09 | <10 | 2.68 | 1440 | 3 | 0.04 | 48 | 2.77 | <2 | 13 | 8 | 44 | 0.3 | 180 | <10 |
| 46 | 10783 | 0.28 | 20 | 7 | 4.44 | <0.5 | 28 | 7.14 | <10 | 0.16 | <0.01 | <10 | 0.09 | 3610 | <1 | 0.01 | <1 | 0.87 | <2 | 1 | 7 | 10 | 0.03 | 9 | 20 |
| 46 | 11800 | 1 | 1830 | <2 | 0.44 | <0.5 | 2 | 1.09 | <10 | <0.01 | 0.21 | 10 | 0.28 | 255 | <1 | 0.11 | 1 | 0.01 | <2 | 2 | 9 | 27 | 0.06 | 20 | <10 |
| 46 | 11801 | 7.47 | 60 | <2 | 4.98 | <0.5 | 12 | 5.16 | 10 | 0.06 | 0.02 | <10 | 0.65 | 2940 | <1 | 0.5 | 17 | 0.01 | <2 | 6 | 8 | 368 | 0.11 | 222 | <10 |
| 46 | 11806 | 3.31 | 40 | 15 | 0.71 | 1.2 | 82 | 16.7 | 10 | 0.02 | 0.07 | <10 | 2.27 | 1140 | 5 | 0.02 | 23 | 0.26 | <2 | 13 | 7 | 11 | 0.34 | 185 | 10 |
| 46 | 11807 | 0.58 | 1710 | 2 | 0.74 | <0.5 | 2 | 4.62 | <10 | <0.01 | 0.13 | <10 | 0.31 | 184 | 3 | 0.02 | 4 | 0.29 | <2 | 3 | 8 | 14 | 0.56 | 65 | 10 |
| 46 | 11808 | 0.18 | 630 | 12 | 0.69 | 10.2 | 1 | 39.2 | <10 | 1.83 | 0.18 | <10 | -0.01 | 50000 | 25 | 0.06 | 9 | 0.01 | 71 | 4 | 7 | 664 | <0.01 | 69 | <10 |
| 47 | 10779 | 0.76 | 50 | 8 | 0.06 | <0.5 | 32 | 50 | 10 | 0.27 | 0.02 | <10 | 0.13 | 759 | 29 | 0.02 | 5 | 0.11 | <2 | 2 | 7 | 5 | 0.02 | 62 | 10 |
| 47 | 11804 | 1.74 | 330 | <2 | 0.85 | 0.9 | 59 | 5.36 | <10 | 0.04 | 0.09 | <10 | 1.16 | 509 | 237 | 0.03 | 24 | 2.35 | <2 | 7 | 8 | 14 | <0.01 | 56 | 10 |
| 48 | 11802 | 1.51 | 90 | <2 | 0.72 | <0.5 | 5 | 6.55 | <10 | 0.03 | 0.07 | <10 | 0.99 | 295 | 16 | 0.03 | 19 | 0.42 | <2 | 6 | 8 | 56 | 0.62 | 135 | 10 |
| 48 | 11803 | 0.98 | 40 | <2 | 6.73 | 62.2 | 36 | 1.84 | <10 | 0.97 | -0.01 | <10 | 0.21 | 1320 | 3 | 0.03 | 3 | 0.82 | <2 | 4 | 7 | 73 | 0.11 | 38 | <10 |
| 49 | 10780 | 1.4 | 700 | 2 | 0.22 | <0.5 | 18 | 3.8 | <10 | 0.05 | 0.18 | 10 | 0.96 | 294 | 154 | 0.03 | 11 | 0.19 | <2 | 4 | 9 | 6 | <0.01 | 28 | 20 |
| 49 | 11805 | 0.19 | 10 | 4 | 17 | <0.5 | 8 | 18.5 | 10 | 0.01 | -0.01 | <10 | 0.07 | 4550 | 1 | 0.02 | 5 | <0.01 | <2 | <1 | 7 | 21 | <0.01 | 6 | 100 |
| 49 | 11809 | 1.21 | 40 | 5 | 11 | 1.2 | 12 | 20.1 | 20 | 0.11 | 0.05 | <10 | 0.73 | 4300 | 10 | 0.02 | 8 | 0.43 | 5 | 3 | 9 | 72 | 0.06 | 100 | 350 |
| 49 | 11810 | 2.22 | 110 | <2 | 7.51 | <0.5 | 20 | 22.7 | 10 | 0.21 | 0.08 | <10 | 1.23 | 4890 | 119 | 0.02 | 15 | 0.11 | 13 | 9 | 9 | 29 | 0.09 | 140 | 280 |
| 50 | 11825 | 0.74 | 20 | <2 | 12.4 | <0.5 | 27 | 4.54 | <10 | 0.5 | 0.07 | <10 | 4.7 | 1830 | <1 | 0.02 | 76 | 0.08 | 3 | 15 | 8 | 57 | <0.01 | 78 | 10 |
| 50 | 11831 | 1.01 | 10 | <2 | 1.9 | <0.5 | 35 | 2.56 | <10 | 0.06 | 0.02 | <10 | 0.61 | 345 | <1 | 0.02 | 33 | 0.92 | <2 | 4 | 7 | 18 | 0.22 | 54 | 10 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map No | Sample No | Location | Type | Site | Method | Size (ft) | Description | Pt ppm | Au ppm | Ag ppm | Cu ppm | Pb ppm | Zn ppm | As ppm | |
|--------|-----------|---------------------|------|------|--------|-----------|--|--------|--------|--------|--------|--------|--------|--------|-----|
| 51 | 11823 | Durant area | SS | | | | | 0.006 | 0.01 | 0.082 | <0.2 | 158 | 2 | 41 | 9 |
| 51 | 11824 | Durant area | SS | | | | | 0.01 | 0.017 | 0.001 | <0.2 | 84 | 4 | 40 | 5 |
| 52 | 11832 | Easy | R | OC | Rep | 3 | fg gs w/ qtz vn(s) | 0.006 | 0.021 | 0.002 | <0.2 | 130 | <2 | 37 | 3 |
| 52 | 11833 | Easy | R | FL | S | 0.5 | msv clot of py in gs | <0.005 | 0.009 | 0.097 | 4 | 1450 | 2 | 29 | 129 |
| 53 | 10784 | Meadow area | SS | | | | | 0.01 | 0.008 | 0.009 | <0.2 | 39 | 2 | 54 | 11 |
| 54 | 11835 | Meadow | R | OC | | 2 | fg gs w/ disseminated py | <0.005 | 0.001 | <0.001 | 0.2 | 73 | 9 | 58 | 5 |
| 54 | 11839 | Meadow | R | OC | Rep | 2 | feox gs | <0.005 | 0.003 | <0.001 | <0.2 | 75 | 6 | 42 | 5 |
| 55 | 11840 | Karen | R | OC | Rep | 5 | milky white qtz | <0.005 | <0.001 | 0.002 | <0.2 | 20 | <2 | <2 | 13 |
| 55 | 11841 | Karen | R | OC | Rep | 5 | gdi | <0.005 | <0.001 | <0.001 | <0.2 | 42 | <2 | 38 | 6 |
| 56 | 11836 | N. Copper Lake | R | OC | Rep | 50 | feox volc w/ disseminated py | <0.005 | 0.001 | 0.002 | 0.4 | 36 | 40 | 66 | 20 |
| 56 | 11837 | N. Copper Lake | R | OC | C | 5 | alt gdi w/ py & tr cpy | <0.005 | 0.001 | 0.01 | <0.2 | 57 | 5 | 31 | 13 |
| 56 | 11838 | N. Copper Lake | R | OC | C | 10 | feox sheared gdi w/ disseminated py & tr cpy | <0.005 | 0.001 | 0.008 | <0.2 | 4 | 3 | 12 | 9 |
| 57 | 11834 | N. Copper Lake area | R | OC | Rep | 6 | feox alt volc/ w tr py | <0.005 | <0.001 | 0.002 | <0.2 | 35 | 14 | 114 | 8 |
| 58 | 11861 | Copper River | R | OC | C | 3 | feox bleached volc w/ disseminated sulf | <0.005 | 0.004 | 0.002 | <0.2 | 34 | 2 | 4 | 15 |
| 59 | 11816 | Fog Lake | R | OC | G | 2 | alt fel volc w/ disseminated py | <0.005 | <0.001 | 0.063 | 0.4 | 205 | 3 | 10 | 4 |
| 59 | 11827 | Fog Lake | R | OC | C | 5 | feox volc w/ qtz & sulf | <0.005 | <0.001 | 0.381 | 0.5 | 350 | 3 | 24 | 11 |
| 59 | 11828 | Fog Lake | R | OC | S | 0.5 | qtz vein in volc w/ cpy & py | <0.005 | <0.001 | 1.45 | 2 | 778 | 5 | 9 | 25 |
| 59 | 11829 | Fog Lake | R | OC | C | 2 | alt volc w/ qtz vn & sulf | <0.005 | <0.001 | 0.026 | 0.2 | 67 | 3 | 13 | 4 |
| 59 | 11830 | Fog Lake | R | OC | SC | 30 | alt feox volc w/ py & tr cpy | <0.005 | <0.001 | 0.025 | 0.2 | 33 | 7 | 16 | 7 |
| 60 | 11822 | Sister | R | OC | Rep | 20 | gdi | <0.005 | <0.001 | <0.001 | <0.2 | 13 | <2 | 54 | 3 |
| 60 | 11859 | Sister | R | OC | C | 2 | feox bleached volc w/ disseminated py | <0.005 | 0.005 | <0.001 | <0.2 | 46 | 4 | 26 | 293 |
| 60 | 11860 | Sister | R | OC | G | 2 | feox bleached volc w/ disseminated sulf | <0.005 | 0.004 | 0.002 | <0.2 | 17 | 2 | 3 | 4 |
| 61 | 11817 | Dream Creek | R | OC | Rep | | gdi | <0.005 | <0.001 | <0.001 | <0.2 | 120 | 4 | 50 | <2 |
| 62 | 11818 | Lower Dream Creek | R | OC | C | 1 | fel volc w/ py | 0.005 | <0.001 | 0.004 | <0.2 | 12 | 23 | 48 | 8 |
| 62 | 11819 | Lower Dream Creek | R | OC | Rep | 2 | fel volc w/ py | 0.005 | 0.002 | 0.055 | <0.2 | 105 | 4 | 32 | 4 |
| 63 | 11858 | Gibraltar Lake | R | OC | C | 2 | feox bleached volc w/ disseminated py | <0.005 | <0.001 | 0.002 | 0.2 | 46 | 8 | 41 | 13 |
| 64 | 11820 | Golden Fleece | R | RC | Rep | 6 | fel volc | <0.005 | 0.001 | <0.001 | <0.2 | 28 | 2 | 2 | 27 |
| 65 | 11862 | Peter's Plug | R | OC | G | | fg basalt | <0.005 | <0.001 | <0.001 | <0.2 | 41 | 2 | 52 | 14 |
| 66 | 11857 | Aukney | R | OC | Rep | 5 | feox volc w/ fg disseminated py | <0.005 | <0.001 | 0.006 | 0.2 | 92 | 11 | 50 | 345 |
| 67 | 11821 | KUY | R | RC | C | 2 | fel volc w/ py | <0.005 | <0.001 | 0.001 | <0.2 | 43 | 38 | 53 | 3 |
| 68 | 11865 | Mirror Lake | R | RC | Rep | 5 | feox fel volc w/ fg disseminated sulf | <0.005 | <0.001 | 0.001 | <0.2 | 15 | 6 | 85 | 28 |
| 68 | 11866 | Mirror Lake | R | OC | | 5 | dk volc w/ fg disseminated cpy | <0.005 | <0.001 | 0.001 | <0.2 | 53 | 3 | 23 | 13 |
| 68 | 11867 | Mirror Lake | R | OC | C | 3 | feox volc w/ disseminated cpy | <0.005 | 0.001 | 0.007 | <0.2 | 33 | 7 | 94 | 6 |
| 69 | 11874 | Hard Core Work | R | RC | Rep | 10 | feox dac w/ disseminated fg py & cpy | <0.005 | <0.001 | 0.025 | 1.6 | 125 | 5 | 2 | 6 |
| 70 | 11868 | Mirror Lake outlet | R | OC | C | 5 | feox volc w/ disseminated sulf | <0.005 | <0.001 | 0.003 | 0.2 | 9 | 8 | 44 | 3 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map No | Sample No | Al ppm | Ba ppm | Bi ppm | Ca ppm | Cd ppm | Co ppm | Fe ppm | Ga ppm | Hg ppm | K ppm | La ppm | Mg ppm | Mn ppm | Mo ppm | Na ppm | Ni ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ti ppm | V ppm | W ppm |
|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|-------|
| 51 | 11823 | 1.6 | 170 | <2 | 0.51 | <0.5 | 18 | 3.53 | <10 | 0.04 | 0.04 | <10 | 1.07 | 414 | <2 | 0.04 | 48 | 0.03 | 2 | 4 | 8 | 12 | 0.17 | 117 | 10 |
| 51 | 11824 | 1.58 | 190 | <2 | 0.48 | <0.5 | 14 | 3.41 | <10 | 0.02 | 0.02 | <10 | 1.01 | 342 | <1 | 0.04 | 43 | 0.02 | <2 | 3 | 8 | 20 | 0.15 | 110 | 10 |
| 52 | 11832 | 1.58 | <10 | <2 | 1.15 | <0.5 | 18 | 2.61 | <10 | 0.01 | 0.02 | <10 | 1.22 | 353 | <1 | 0.05 | 37 | 0.16 | <2 | 5 | 8 | 7 | 0.18 | 67 | 10 |
| 52 | 11833 | 0.58 | 10 | 3 | 0.16 | <0.5 | 25 | 17.6 | <10 | 0.04 | 0.01 | <10 | 0.42 | 177 | 65 | 0.02 | 70 | 10 | 13 | 3 | 7 | 2 | 0.03 | 57 | 10 |
| 53 | 10784 | 1.56 | 360 | <2 | 0.56 | <0.5 | 11 | 4.09 | <10 | 0.03 | 0.03 | <10 | 0.49 | -- | <1 | 0.05 | 15 | 0.03 | -- | 2 | 7 | 27 | 0.18 | 143 | 10 |
| 54 | 11835 | 1.42 | 430 | <2 | 0.99 | <0.5 | 18 | 4.56 | <10 | 0.02 | 0.07 | <10 | 0.27 | 161 | <1 | 0.21 | 20 | 1.7 | 2 | 2 | 8 | 50 | 0.11 | 47 | 10 |
| 54 | 11839 | 1.8 | 420 | <2 | 1.2 | <0.5 | 22 | 5.15 | 10 | 0.01 | 0.09 | <10 | 0.4 | 202 | <1 | 0.27 | 29 | 2.48 | 3 | 3 | 7 | 61 | 0.12 | 47 | 10 |
| 55 | 11840 | 0.1 | 10 | <2 | 0.04 | <0.5 | <1 | 0.28 | <10 | <0.01 | 0.01 | <10 | -0.01 | 23 | 32 | 0.04 | 2 | 0.03 | <2 | <1 | 9 | 4 | <0.01 | 1 | <10 |
| 55 | 11841 | 1.69 | 300 | <2 | 0.86 | <0.5 | 9 | 3.14 | 10 | <0.01 | 0.33 | <10 | 0.79 | 282 | <1 | 0.2 | 4 | 0.01 | <2 | 4 | 8 | 44 | 0.13 | 116 | 10 |
| 56 | 11836 | 1.34 | 670 | <2 | 0.11 | <0.5 | 9 | 5.19 | <10 | 0.02 | 0.26 | <10 | 0.94 | 782 | 1 | 0.05 | 5 | 2.41 | 5 | 3 | 8 | 6 | 0.02 | 39 | 10 |
| 56 | 11837 | 1.43 | 440 | <2 | 0.59 | <0.5 | 10 | 4.07 | <10 | 0.01 | 0.17 | <10 | 0.92 | 362 | <1 | 0.06 | 9 | 0.8 | 2 | 6 | 9 | 24 | 0.01 | 65 | <10 |
| 56 | 11838 | 0.98 | 650 | <2 | 0.06 | <0.5 | 3 | 2.37 | <10 | 0.01 | 0.11 | <10 | 0.51 | 157 | <1 | 0.04 | 2 | 0.58 | <2 | 2 | 9 | 12 | <0.01 | 24 | 10 |
| 57 | 11834 | 3.75 | 330 | 3 | 1.53 | <0.5 | 20 | 7.04 | 10 | 0.01 | 0.14 | <10 | 2.15 | 1010 | <1 | 0.15 | 6 | 6.69 | 11 | 9 | 8 | 71 | 0.17 | 139 | 10 |
| 58 | 11861 | 0.3 | 800 | <2 | 0.04 | <0.5 | 20 | 4.98 | <10 | 0.01 | 0.06 | <10 | 0.01 | 18 | <1 | 0.05 | 24 | 5.18 | <2 | 1 | 8 | 31 | <0.01 | 7 | <10 |
| 59 | 11816 | 0.62 | 1080 | <2 | 0.25 | <0.5 | 9 | 5.02 | <10 | 0.02 | 0.17 | <10 | 0.35 | 150 | 3 | 0.02 | 5 | 4.81 | <2 | <1 | 9 | 6 | <0.01 | 5 | 10 |
| 59 | 11827 | 1.55 | 430 | <2 | 0.23 | <0.5 | 10 | 8.38 | <10 | 0.02 | 0.12 | <10 | 1.07 | 222 | 1 | 0.03 | 10 | 5.09 | 7 | 4 | 8 | 10 | <0.01 | 44 | 10 |
| 59 | 11828 | 0.41 | 230 | 9 | 0.04 | <0.5 | 14 | 28 | <10 | 0.05 | 0.09 | <10 | 0.22 | 50 | 3 | 0.02 | 7 | 10 | 24 | 1 | 7 | 4 | <0.01 | 9 | 10 |
| 59 | 11829 | 1.66 | 500 | <2 | 0.12 | <0.5 | 8 | 5.25 | 10 | 0.01 | 0.1 | <10 | 1.12 | 127 | 19 | 0.03 | 7 | 1.7 | 3 | 1 | 9 | 8 | <0.01 | 27 | 10 |
| 59 | 11830 | 0.81 | 320 | <2 | 0.03 | <0.5 | 4 | 3.44 | <10 | 0.01 | 0.11 | <10 | 0.56 | 85 | 2 | 0.04 | 6 | 1.23 | <2 | 1 | 9 | 6 | <0.01 | 14 | <10 |
| 60 | 11822 | 1.85 | 310 | <2 | 0.62 | <0.5 | 13 | 3.68 | 10 | 0.01 | 0.05 | <10 | 1.38 | 456 | <1 | 0.07 | 4 | <0.01 | 3 | 3 | 9 | 29 | 0.13 | 79 | 10 |
| 60 | 11859 | 2.48 | 60 | 4 | 0.15 | <0.5 | 7 | 5.68 | 10 | <0.01 | 0.04 | <10 | 1.59 | 364 | <1 | 0.05 | 5 | 1.15 | 12 | 10 | 9 | 8 | <0.01 | 113 | 10 |
| 60 | 11860 | 0.32 | 800 | <2 | 0.05 | <0.5 | 9 | 3.94 | <10 | 0.01 | 0.05 | <10 | 0.01 | 18 | <1 | 0.06 | 15 | 3.66 | <2 | 1 | 8 | 45 | <0.01 | 8 | 10 |
| 61 | 11817 | 1.33 | 270 | <2 | 1.02 | <0.5 | 7 | 3.04 | <10 | 0.01 | 0.04 | <10 | 0.5 | 393 | <1 | 0.17 | 1 | 0.02 | <2 | 2 | 8 | 64 | 0.09 | 64 | 10 |
| 62 | 11818 | 2.27 | 550 | <2 | 0.08 | <0.5 | 2 | 3.87 | 10 | <0.01 | 0.1 | <10 | 1.9 | 748 | 5 | 0.06 | 4 | 0.45 | 3 | 6 | 9 | 353 | <0.01 | 90 | 10 |
| 62 | 11819 | 3.59 | 550 | 3 | 0.21 | <0.5 | 19 | 5.87 | 10 | 0.01 | 0.09 | <10 | 3.55 | 495 | <1 | 0.07 | 45 | 2.74 | 9 | 9 | 9 | 24 | 0.01 | 116 | <10 |
| 63 | 11858 | 3.28 | 550 | 2 | 0.76 | <0.5 | 6 | 5.2 | 10 | 0.01 | 0.1 | <10 | 1.46 | 384 | <1 | 0.12 | 6 | 1.49 | 6 | 5 | 8 | 132 | 0.12 | 67 | <10 |
| 64 | 11820 | 0.3 | 760 | <2 | 0.01 | <0.5 | <1 | 4.94 | <10 | 0.01 | 0.02 | <10 | 0.01 | 16 | <1 | 0.01 | <1 | 0.08 | <2 | 1 | 8 | 24 | <0.01 | 15 | 10 |
| 65 | 11862 | 1.36 | 530 | <2 | 1 | <0.5 | 11 | 3.92 | <10 | <0.01 | 0.05 | 10 | 0.13 | 377 | <1 | 0.23 | 6 | 0.01 | <2 | 3 | 8 | 80 | 0.57 | 214 | 10 |
| 66 | 11857 | 0.81 | 880 | <2 | 0.42 | <0.5 | 4 | 4.06 | <10 | 0.41 | 0.1 | <10 | 0.23 | 396 | 3 | 0.04 | 1 | 3.61 | <2 | 2 | 8 | 10 | 0.08 | 6 | 10 |
| 67 | 11821 | 1.37 | 870 | <2 | 0.14 | <0.5 | 6 | 4.83 | 10 | 0.01 | 0.11 | <10 | 1.07 | 421 | 1 | 0.07 | 7 | 1.35 | 2 | 5 | 8 | 23 | 0.02 | 55 | <10 |
| 68 | 11865 | 4.62 | 340 | <2 | 1.66 | <0.5 | 12 | 5.06 | 10 | 0.03 | 0.06 | <10 | 1.36 | 509 | 1 | 0.29 | 5 | 2.72 | 12 | 6 | 8 | 186 | 0.14 | 88 | 10 |
| 68 | 11866 | 3.31 | 1740 | 2 | 0.52 | <0.5 | 9 | 9.14 | 10 | <0.01 | 0.24 | 10 | 0.36 | 554 | 2 | 0.07 | 32 | 0.77 | 12 | 9 | 9 | 85 | 0.27 | 150 | 10 |
| 68 | 11867 | 3.13 | 1080 | 2 | 0.38 | <0.5 | 11 | 7.18 | 10 | <0.01 | 0.24 | <10 | 1.22 | 1030 | <1 | 0.08 | 28 | 2.14 | 9 | 5 | 8 | 91 | 0.01 | 65 | 10 |
| 69 | 11874 | 0.22 | 440 | 3 | -0.01 | <0.5 | 4 | 2.41 | <10 | 0.02 | 0.2 | <10 | -0.01 | 13 | 1 | 0.02 | 4 | 1.28 | <2 | 1 | 9 | 7 | <0.01 | 5 | 10 |
| 70 | 11868 | 2.07 | 600 | <2 | 0.42 | <0.5 | 8 | 3.95 | 10 | 0.01 | 0.19 | <10 | 1.2 | 451 | <1 | 0.06 | 4 | 2.44 | 2 | 4 | 8 | 39 | 0.05 | 53 | <10 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map Sample No | Location | Type | Site | Method | Size (ft) | Description | Pt ppm | Au ppm | Ag ppm | Cu ppm | Pb ppm | Zn ppm | As ppm |
|---------------|---------------------------|------|------|--------|-----------|---|--------|--------|--------|--------|--------------|--------|--------|
| 70 | 11869 Mirror Lake outlet | R | OC | C | 4 | feox volc w/ dissem sulf | <0.005 | 0.003 | <0.2 | 15 | 10 | 28 | 3 |
| 71 | 11875 Iron Spring | R | RC | Rep | 5 | feox dac w/ dissem fg sulf | <0.005 | 0.034 | 1.2 | 73 | 12 | 54 | 16 |
| 72 | 10789 Pfaff | R | OC | C | 5 | qtz veins w/ py, cpy, & bn in shear in gs | <0.005 | 1.02 | 53.5 | 5660 | 630 | 1580 | 125 |
| 72 | 10790 Pfaff | R | OC | C | 8 | | <0.005 | 0.001 | 0.775 | 34.2 | 6480 | 254 | 84 |
| 72 | 10791 Pfaff | R | OC | G | | vesicular andesite w/ rare sulf | <0.005 | 0.001 | 0.088 | 1.5 | 205 | 17 | 100 |
| 72 | 10792 Pfaff | R | OC | C | 2 | qtz veins w/sulf & cust in shear in gs | <0.005 | 0.006 | 0.894 | 103 | 3.04% | 657 | 800 |
| 72 | 11597 Pfaff | R | TP | C | 4.4 | qtz vn in volc/ w bn, cpy, cuox | <0.005 | 0.001 | 2.28 | 54.8 | 6470 | 274 | 395 |
| 72 | 11598 Pfaff | R | TP | C | 2.2 | qtz vein in volc w/ bn & cuox | <0.005 | 0.001 | 1.385 | 86 | 1.28% | 381 | 513 |
| 72 | 11599 Pfaff | R | TP | SC | 11 | cacite shear w/ qtz vn(s) & cuox | <0.005 | 0.003 | 1.055 | 75.2 | 1.72% | 125 | 790 |
| 72 | 11870 Pfaff | R | OC | C | 0.7 | vuggy qtz vn w/ sulf | <0.005 | <0.001 | 0.321 | 12.5 | 319 | 378 | 271 |
| 72 | 11871 Pfaff | R | RC | S | 1 | vuggy qtz vn in volc w/ clots of bn | <0.005 | 0.003 | 24.6 | 107 | 1.42% | 669 | 456 |
| 72 | 11872 Pfaff | R | RC | S | 0.5 | vuggy qtz vn in volc w/ clots of bn | <0.005 | 0.001 | 1.745 | 226 | 1.86% | 109 | 197 |
| 72 | 11873 Pfaff | R | RC | S | 0.5 | vuggy qtz vn in volc w/ clots of bn | <0.005 | <0.001 | 5.67 | 317 | 1.67% | 153 | 192 |
| 72 | 11910 Pfaff | R | TP | S | 0.5 | qtz vn w/ cuox & bn | <0.005 | 0.002 | 0.924 | 175 | 2.45% | 2290 | 4230 |
| 72 | 11911 Pfaff | R | TP | S | 1 | cuox volc | <0.005 | 0.001 | <0.001 | 0.6 | 75 | 17 | 40 |
| 72 | 11912 Pfaff | R | TP | S | 1 | feox, cuox qtz vn/ w sulf | 0.007 | <0.001 | 24.0 | 898 | 8.56% | 1555 | 630 |
| 72 | 11913 Pfaff | R | TP | C | 20 | qtz vn w/ cu sulf | 0.01 | 0.003 | 15.4 | 316 | 7.04% | 504 | 1375 |
| 73 | 11914 Battle Lake | R | OC | G | | feox volc w/ tr py | <0.005 | 0.001 | 0.154 | 19.8 | 1960 | 49 | 42 |
| 74 | 11400 Muklung | SS | | | | | -- | -- | 0.013 | <0.2 | 62 | 4 | 93 |
| 75 | 11503 Marsh Mtn | R | MD | G | | gw w/ carb ± cin | -- | -- | 0.011 | 0.2 | 13 | 9 | 125 |
| 76 | 11501 Heigemeister Strait | PC | | | | 2 pans | -- | -- | 0.005 | <0.2 | 47 | 2 | 77 |
| 77 | 11502 Slug River | PC | | | | 1 pan | -- | -- | 0.006 | <0.2 | 29 | 2 | 78 |
| 78 | 11884 KAMI | SS | RC | G, S | 0.17 | | <0.005 | 0.001 | 0.078 | 2.1 | 562 | 8 | 32 |
| 79 | 11885 Cottonwood Creek | SS | | | | | <0.005 | 0.004 | 0.016 | <0.2 | 16 | 2 | 39 |
| 79 | 11886 Cottonwood Creek | PC | | | | 1 pan | <0.005 | 0.002 | 0.138 | <0.2 | 167 | <2 | 41 |
| 80 | 10793 Kulik Copper | R | FL | G | | dark volc w/py clots | <0.005 | 0.007 | 0.101 | 1.2 | 133 | 10 | 45 |
| 80 | 10794 Kulik Copper | R | TP | S | 15 | fg volc w. py & cuox | <0.005 | 0.001 | 0.009 | 2 | 1.91% | 17 | 110 |
| 80 | 10795 Kulik Copper | R | OC | G | | feox volc br | <0.005 | 0.001 | 0.018 | 0.6 | 575 | 6 | 54 |
| 80 | 11601 Kulik Copper | R | TP | G | | skarn w/ msv hem, py ± cpy | <0.005 | 0.003 | 0.051 | 1.7 | 1150 | 16 | 135 |
| 80 | 11602 Kulik Copper | R | OC | S | | skarn w/ hem, py & cpy | <0.005 | 0.005 | 0.015 | 0.8 | 378 | 67 | 290 |
| 81 | 11600 Kulik Copper area | R | RB | G | | int w/ dissem & seams of po/py ± cpy | <0.005 | 0.002 | 0.02 | 1.3 | 241 | 13 | 39 |
| 81 | 11603 Kulik Copper area | R | OC | G | | di w/ seams & dissem py | <0.005 | 0.001 | 0.007 | 0.2 | 205 | 5 | 29 |
| 82 | 10796 B2020-56 | R | OC | G | | feox volc w/ fg dissem py | <0.005 | 0.007 | 0.021 | 0.5 | 434 | 9 | 27 |
| 82 | 11887 B2020-56 | R | OC | S | 1 | feox qtz vn w/ py | <0.005 | 0.002 | 0.416 | 3.4 | 114 | 399 | 1185 |
| 82 | 11888 B2020-56 | R | OC | S | 0.5 | feox qtz vn in gdi w/ py | <0.005 | 0.002 | 0.02 | 0.2 | 19 | 8 | 10 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map No | Sample No | Al ppm | Ba ppm | Bi ppm | Ca ppm | Cd ppm | Co ppm | Fe ppm | Ga ppm | Hg ppm | K ppm | La ppm | Mg ppm | Mn ppm | Mo ppm | Na ppm | Ni ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ti ppm | V ppm | W ppm |
|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|-------|
| 70 | 11869 | 1.29 | 420 | 2 | 0.03 | <0.5 | 5 | 3.22 | <10 | <0.01 | 0.09 | <10 | 0.87 | 277 | <1 | 0.05 | 2 | 1.87 | <2 | 2 | 8 | 7 | <0.01 | 22 | <10 |
| 71 | 11875 | 3.18 | 490 | 4 | 0.29 | <0.5 | 11 | 5.9 | 10 | 0.01 | 0.1 | <10 | 2.35 | 638 | 1 | 0.06 | 13 | 1.79 | 11 | 5 | 8 | 22 | 0.05 | 96 | <10 |
| 72 | 10789 | 1.12 | 170 | 78 | 0.22 | 3.9 | 8 | 2.64 | <10 | 0.01 | 0.07 | <10 | 0.36 | 1470 | <1 | 0.02 | 5 | 0.03 | 42 | 4 | 10 | 18 | 0.02 | 127 | <10 |
| 72 | 10790 | 1.24 | 150 | 26 | 0.51 | 1.7 | 7 | 2.36 | <10 | <0.01 | 0.05 | <10 | 0.52 | 1160 | <1 | 0.01 | 5 | 0.04 | 18 | 5 | 10 | 40 | 0.03 | 76 | <10 |
| 72 | 10791 | 4.06 | 170 | 2 | 3.6 | <0.5 | 21 | 5.38 | 10 | 0.03 | 0.06 | <10 | 1.93 | 1040 | <1 | 0.16 | 18 | 0.31 | 3 | 22 | 8 | 77 | 0.41 | 193 | 10 |
| 72 | 10792 | 0.68 | 190 | 9 | 0.23 | 2.1 | 5 | 4.46 | 10 | 0.1 | 0.04 | <10 | 0.21 | 718 | 4 | 0.01 | 3 | 0.02 | 76 | 3 | 12 | 20 | 0.01 | 130 | <10 |
| 72 | 11597 | 0.85 | 100 | 75 | 0.29 | 0.6 | 5 | 2.1 | <10 | 0.03 | 0.03 | <10 | 0.32 | 996 | <1 | 0.02 | 1 | 0.07 | 2 | 3 | 10 | 19 | 0.02 | 59 | 10 |
| 72 | 11598 | 1.54 | 80 | 7 | 0.98 | 1.5 | 6 | 2.26 | <10 | 0.1 | 0.03 | <10 | 0.43 | 1115 | <1 | 0.01 | 3 | 0.03 | <2 | 6 | 11 | 74 | 0.03 | 91 | <10 |
| 72 | 11599 | 2.88 | 720 | <2 | 0.38 | 0.9 | 24 | 5.44 | 10 | <0.1 | 0.14 | <10 | 1.53 | 4160 | <1 | 0.01 | 9 | 0.03 | 2 | 9 | 10 | 38 | 0.03 | 96 | <10 |
| 72 | 11870 | 0.7 | 70 | 4 | 0.15 | 0.6 | 5 | 1.23 | <10 | <0.01 | 0.01 | <10 | 0.37 | 664 | <1 | 0.01 | 4 | <0.01 | <2 | 2 | 9 | 27 | 0.02 | 44 | <10 |
| 72 | 11871 | 0.86 | 190 | 619 | 0.07 | 1.2 | 10 | 2.88 | <10 | 0.2 | 0.04 | <10 | 0.38 | 1070 | <1 | 0.01 | 3 | 0.01 | 5 | 2 | 12 | 4 | 0.01 | 79 | <10 |
| 72 | 11872 | 0.37 | 20 | 108 | 0.04 | 0.9 | 6 | 2.13 | <10 | 0.1 | 0.01 | <10 | 0.13 | 551 | <1 | 0.01 | 1 | 0.04 | 13 | 1 | 16 | 3 | <0.01 | 32 | 10 |
| 72 | 11873 | 0.08 | 10 | 249 | 0.02 | 2.0 | <1 | 1.4 | <10 | 0.3 | -0.01 | <10 | 0.01 | 32 | 1 | -0.01 | 1 | <0.01 | 513 | 1 | 23 | 2 | <0.01 | 13 | 40 |
| 72 | 11910 | 2.13 | 660 | 2 | 0.91 | 11.8 | 16 | 5.35 | 10 | 0.1 | 0.07 | <10 | 0.93 | 2500 | <1 | 0.05 | 4 | 0.01 | 9 | 10 | 13 | 52 | 0.11 | 126 | <10 |
| 72 | 11911 | 1.27 | 550 | <2 | 0.38 | <0.5 | 4 | 1.99 | <10 | <0.01 | 0.37 | 10 | 0.26 | 406 | <1 | 0.06 | 2 | 0.01 | <2 | 5 | 8 | 22 | 0.16 | 37 | <10 |
| 72 | 11912 | 1.24 | 110 | 613 | 0.21 | 2.3 | 13 | 7.85 | 10 | 0.1 | 0.04 | <10 | 0.29 | 1575 | 2 | 0.01 | 2 | 0.36 | 595 | 3 | 27 | 25 | 0.01 | 84 | <10 |
| 72 | 11913 | 1.51 | 30 | 195 | 0.06 | 4.0 | 24 | 4.8 | 10 | 0.1 | 0.06 | <10 | 0.39 | 3330 | 2 | 0.01 | 3 | 0.26 | 94 | 2 | 16 | 3 | <0.01 | 73 | <10 |
| 73 | 11914 | 1.41 | 230 | 13 | 0.03 | <0.5 | <1 | 3.97 | 10 | 0.01 | 0.22 | 10 | 0.77 | 379 | <1 | 0.16 | <1 | 0.8 | 15 | 5 | 10 | 32 | 0.03 | 45 | 10 |
| 74 | 11400 | 2.99 | 710 | <2 | 0.44 | <0.5 | 19 | 4.84 | 10 | 0.03 | 0.57 | 10 | 0.71 | 1465 | 2 | 0.03 | 18 | 0.03 | <2 | 8 | 5 | 41 | 0.24 | 130 | 10 |
| 75 | 11503 | 0.21 | 110 | <2 | 20.4 | <0.5 | 5 | 3.53 | <10 | 100 | 0.02 | <10 | 5.3 | 1185 | <1 | 0.02 | 16 | <0.01 | 3 | 5 | <5 | 604 | <0.01 | 79 | 20 |
| 76 | 11501 | 2.53 | 470 | <2 | 1.33 | <0.5 | 18 | 6.03 | 10 | 0.08 | 0.16 | 10 | 1.44 | 1270 | 1 | 0.08 | 48 | 0.04 | 3 | 10 | <5 | 55 | 0.37 | 209 | 10 |
| 77 | 11502 | 2.54 | 400 | <2 | 1.3 | <0.5 | 14 | 4.39 | 10 | 0.03 | 0.12 | 10 | 1 | 919 | <1 | 0.06 | 30 | 0.03 | <2 | 9 | 5 | 63 | 0.35 | 129 | 10 |
| 78 | 11884 | 0.93 | 430 | <2 | 0.32 | <0.5 | 14 | 13.7 | 10 | 0.02 | 0.29 | <10 | 0.4 | 250 | 2 | 0.13 | 26 | 0.05 | <2 | 3 | 8 | 24 | 0.13 | 192 | 10 |
| 79 | 11885 | 1.23 | 640 | <2 | 0.74 | <0.5 | 8 | 3.21 | <10 | 0.02 | 0.03 | <10 | 0.59 | 405 | <1 | 0.02 | 10 | <0.01 | <2 | 7 | 6 | 38 | 0.19 | 118 | 10 |
| 79 | 11886 | 0.73 | 410 | <2 | 0.4 | <0.5 | 19 | 18.9 | 10 | 0.04 | 0.09 | <10 | 0.39 | 440 | 2 | 0.04 | 39 | 0.05 | <2 | 3 | 7 | 20 | 0.15 | 683 | 10 |
| 80 | 10793 | 0.87 | 10 | 3 | 1.25 | <0.5 | 3 | 11.05 | <10 | <0.01 | 0.01 | <10 | 0.27 | 338 | <1 | 0.02 | 18 | 0.32 | 2 | 4 | 7 | 68 | 0.21 | 101 | 10 |
| 80 | 10794 | 1.69 | 490 | <2 | 1.83 | <0.5 | 125 | 4.47 | <10 | <0.01 | 0.1 | 20 | 0.72 | 1110 | <1 | 0.15 | 16 | 0.44 | 2 | 23 | 8 | 48 | 0.09 | 158 | <10 |
| 80 | 10795 | 2.56 | 610 | 3 | 0.17 | <0.5 | 12 | 6.45 | 10 | 0.01 | 0.21 | <10 | 1.35 | 733 | 4 | 0.05 | 7 | 0.2 | <2 | 12 | 9 | 13 | 0.03 | 118 | 20 |
| 80 | 11601 | 1.13 | 190 | 5 | 3.45 | <0.5 | 10 | 10.5 | <10 | 0.02 | 0.05 | 10 | 0.62 | 2310 | 4 | 0.03 | 16 | 0.17 | <2 | 7 | 8 | 28 | 0.06 | 48 | 200 |
| 80 | 11602 | 1.17 | 50 | <2 | 4.21 | 1.3 | 19 | 5.16 | <10 | 0.01 | 0.02 | 10 | 0.36 | 2000 | 2 | 0.04 | 41 | 1.01 | 3 | 6 | 8 | 63 | 0.1 | 49 | 10 |
| 81 | 11600 | 1.82 | 310 | <2 | 1.24 | <0.5 | 12 | 3.01 | 10 | <0.01 | 0.06 | <10 | 0.74 | 312 | 1 | 0.28 | 8 | 0.72 | <2 | 5 | 8 | 50 | 0.13 | 72 | 10 |
| 81 | 11603 | 1.14 | 740 | <2 | 0.84 | <0.5 | 12 | 4.09 | <10 | <0.01 | 0.05 | <10 | 0.64 | 435 | 1 | 0.2 | 4 | 0.53 | <2 | 7 | 8 | 35 | 0.21 | 163 | 10 |
| 82 | 10796 | 1.79 | 320 | 5 | 0.17 | <0.5 | 5 | 5.95 | 10 | 0.01 | 0.36 | <10 | 0.96 | 246 | 3 | 0.07 | 2 | 0.44 | <2 | 9 | 9 | 9 | 0.01 | 98 | 10 |
| 82 | 11887 | 1.01 | 300 | 2 | 7.31 | 4.4 | 10 | 7 | <10 | 0.23 | 0.28 | <10 | 1.67 | 21200 | 1 | 0.02 | 4 | 2.16 | 5 | 12 | 8 | 48 | <0.01 | 70 | 10 |
| 82 | 11888 | 0.68 | 900 | 3 | 0.03 | <0.5 | <1 | 2.27 | <10 | 0.01 | 0.41 | <10 | 0.05 | 101 | 5 | 0.02 | <1 | 0.35 | 2 | 1 | 11 | 2 | <0.01 | 7 | 20 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map Sample No | Location | Type | Site | Method | Size (ft) | Description | Pt ppm | Au ppm | Ag ppm | Cu ppm | Pb ppm | Zn ppm | As ppm |
|---------------|----------------------|------|------|--------|-----------|------------------------------------|--------|--------|--------|--------|--------------|---------------|--------------|
| 83 | 10797 American Creek | PC | | | | abundant black sand | -- | 26.3 | 0.3 | 18 | <2 | 228 | 7 |
| 83 | 10798 American Creek | PC | | | | 5 fine flakes | <0.005 | 0.002 | 10 | 0.8 | 16 | <2 | 157 |
| 83 | 11500 American Creek | PC | | | | 1 pan | -- | 0.034 | 0.2 | 16 | 21 | 162 | 29 |
| 83 | 11607 American Creek | R | OC | Rep | 0.16 | intermed volc w/ qtz vn & py | <0.005 | 0.001 | 0.005 | 2.2 | 169 | 257 | 268 |
| 83 | 11608 American Creek | R | OC | G | | fg volc w/ dissem & seams of py | <0.005 | <0.001 | 0.006 | 1.9 | 192 | 600 | 407 |
| 83 | 11609 American Creek | PC | | | | 1 pan | <0.005 | 0.001 | 0.062 | <0.2 | 12 | <2 | 117 |
| 83 | 11881 American Creek | SS | | | | | <0.005 | <0.001 | 0.002 | <0.2 | 15 | 2 | 45 |
| 83 | 11883 American Creek | PC | | | | 1 pan | <0.005 | 0.003 | 1.17 | <0.2 | 17 | <2 | 149 |
| 84 | 11604 Big River | R | OC | C | 0.42 | alt gdi w/ qtz vn & py | <0.005 | 0.001 | 0.032 | 10.6 | 504 | 84 | 87 |
| 84 | 11605 Big River | R | OC | S | | msv gn, cpy, py in alt vein in gdi | 0.006 | 0.001 | 0.084 | 368 | 5.18% | 12.55% | 9.91% |
| 84 | 11915 Big River | R | OC | SC | 6 | sulf rich vn | <0.005 | 0.001 | 0.08 | 3.2 | 937 | 12 | 34 |
| 84 | 11916 Big River | R | OC | C | 4 | sulf rich vn | 0.008 | <0.001 | 9.07 | 26.8 | 1360 | 4250 | 8980 |
| 85 | 11606 Gorge Creek | PC | | | | 1 pan | -- | -- | <0.2 | 19 | <2 | 143 | <2 |
| 85 | 11889 Gorge Creek | SS | | | | | <0.005 | 0.002 | 0.002 | <0.2 | 15 | 2 | 36 |
| 85 | 11890 Gorge Creek | PC | | | | 1 pan, 3 vf gold | <0.005 | 0.004 | 0.091 | <0.2 | 16 | 2 | 69 |
| 86 | 11896 B2020-103 | R | OC | S | 0.25 | feox qtz vn w/ py | <0.005 | 0.002 | 0.006 | <0.2 | 51 | 4 | 15 |
| 86 | 11897 B2020-103 | R | OC | C | 1 | feox qtz vn w/ py | <0.005 | 0.004 | 0.009 | <0.2 | 74 | 4 | 24 |
| 86 | 11898 B2020-103 | R | FL | G | | cuox alt sed w/ tr cpy | <0.005 | 0.002 | 0.006 | 4.8 | 7120 | 51 | 308 |
| 86 | 11899 B2020-103 | R | FL | S | | cuox alt sed w/ cpy | <0.005 | 0.001 | 0.017 | 57.6 | 3.90% | 47 | 1790 |
| 87 | 11610 Ikagluik River | R | RC | S | | alt volc w/ qtz vn, gn, & py | <0.005 | <0.001 | 0.602 | 11.1 | 119 | 1.09% | 686 |
| 87 | 11611 Ikagluik River | R | OC | SC | 12 | sil alt volc w/ py ± cpy | <0.005 | 0.002 | 0.009 | 0.5 | 33 | 115 | 38 |
| 87 | 11612 Ikagluik River | R | OC | C | 7.4 | fg sed in shear w/ cuox | <0.005 | 0.002 | 0.002 | 0.2 | 2520 | 85 | 769 |
| 87 | 11613 Ikagluik River | R | OC | Rep | 4.5 | shear in sed w/ fg py | <0.005 | 0.002 | 0.385 | 20.5 | 2910 | 147 | 236 |
| 88 | 11891 B2020-87 | R | OC | Rep, G | 3 | fg di w/ py & cpy | <0.005 | 0.001 | 0.027 | <0.2 | 320 | 9 | 17 |
| 88 | 11892 B2020-87 | R | OC | C | 1 | feox di w/ qtz, py & cpy vn | <0.005 | 0.006 | 0.203 | 1.3 | 3940 | 7 | 19 |
| 88 | 11893 B2020-87 | R | OC | C | 5 | feox di w/ qtz, py & cpy vn | <0.005 | 0.001 | 0.043 | <0.2 | 97 | 8 | 18 |
| 88 | 11894 B2020-87 | R | OC | S | 0.5 | di w/ py & cpy | <0.005 | 0.011 | 0.26 | 1.9 | 9680 | 6 | 29 |
| 88 | 11895 B2020-87 | R | RC | S | | feox di w/ qtz, py, cpy & mo vn | <0.005 | 0.003 | 0.67 | 32.5 | 1830 | 34 | 5640 |
| 88 | 11917 B2020-87 | R | OC | SC | 4 | di w/ qtz vn(s) & dissem py + cpy | <0.005 | <0.001 | 0.081 | 0.8 | 971 | 10 | 27 |
| 88 | 11918 B2020-87 | R | OC | C | 2 | di w/ qtz vn(s) & dissem py + cpy | <0.005 | 0.002 | 0.2 | 1.2 | 1230 | 81 | 173 |
| 88 | 11919 B2020-87 | R | OC | RC | 5 | di w/ qtz vn(s) & dissem py + cpy | <0.005 | 0.01 | 0.015 | 0.4 | 241 | 5 | 14 |
| 88 | 11920 B2020-87 | R | OC | S | 3 | di w/ qtz vn(s) & dissem py + cpy | <0.005 | 0.001 | 0.036 | 0.4 | 967 | 8 | 23 |
| 89 | 11878 Kabugakli Lode | R | OC | C | 3 | fel dike w/ dissem sulf | <0.005 | 0.001 | 0.032 | <0.2 | 5 | 7 | 25 |
| 89 | 11902 Kabugakli Lode | R | OC | C | 3 | felsic dike w/ qtz vn(s) | 0.005 | 0.001 | 0.001 | 0.2 | 121 | 7 | 51 |
| 89 | 11903 Kabugakli Lode | R | OC | C | 5 | shear in sed w/ py | <0.005 | <0.001 | 0.009 | 0.5 | 292 | 7 | 58 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map Sample No | Al ppm | Ba ppm | Bi ppm | Ca ppm | Cd ppm | Co ppm | Fe ppm | Ga ppm | Hg ppm | K ppm | La ppm | Mg ppm | Mn ppm | Mo ppm | Na ppm | Ni ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ti ppm | V ppm | W ppm | |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|-------|-----|
| 83 | 10797 | 0.53 | 10 | <2 | 0.51 | <0.5 | 34 | 44.9 | 20 | 0.03 | 0.02 | 10 | 0.22 | 1440 | 1 | 0.01 | 36 | 0.01 | <2 | 7 | 12 | 0.86 | 1900 | 10 | |
| 83 | 10798 | 0.7 | 100 | <2 | 0.7 | <0.5 | 28 | 37.1 | 10 | 0.02 | 0.03 | 10 | 0.26 | 1110 | <1 | 0.04 | 35 | <0.01 | <2 | 6 | 7 | 22 | 0.58 | 1540 | 10 |
| 83 | 11500 | 0.75 | 110 | <2 | 0.72 | <0.5 | 26 | 36.4 | 20 | 0.02 | 0.04 | 10 | 0.29 | 1155 | 3 | 0.06 | 33 | 0.02 | <2 | 5 | <5 | 26 | 0.75 | 1615 | 10 |
| 83 | 11607 | 1.64 | 1160 | <2 | 12 | 0.8 | 4 | 2.82 | 10 | 0.01 | 0.24 | 20 | 0.86 | 1505 | 1 | 0.05 | 2 | 0.4 | <2 | 5 | 8 | 157 | <0.01 | 27 | <10 |
| 83 | 11608 | 1.92 | 910 | <2 | 3.12 | 1.3 | 4 | 3.48 | 10 | <0.01 | 0.19 | 20 | 0.76 | 1270 | 6 | 0.06 | <1 | 0.58 | 2 | 9 | 9 | 39 | 0.01 | 34 | <10 |
| 83 | 11609 | 0.83 | 360 | <2 | 0.56 | <0.5 | 19 | 16.7 | 10 | 0.01 | 0.04 | 10 | 0.31 | 863 | <1 | 0.04 | 18 | <0.01 | <2 | 5 | 7 | 27 | 0.43 | 769 | 10 |
| 83 | 11881 | 1.28 | 560 | <2 | 0.6 | <0.5 | 8 | 3.77 | <10 | 0.01 | 0.04 | <10 | 0.45 | 426 | <1 | 0.04 | 9 | 0.01 | <2 | 4 | 8 | 44 | 0.13 | 146 | 10 |
| 83 | 11883 | 0.79 | 180 | <2 | 0.64 | <0.5 | 26 | 31.7 | 10 | 0.01 | 0.03 | 10 | 0.28 | 1035 | <1 | 0.04 | 29 | 0.01 | <2 | 5 | 6 | 25 | 0.51 | 1310 | 10 |
| 84 | 11604 | 2 | 2500 | 2 | 0.85 | <0.5 | 36 | 5.39 | <10 | 0.01 | 0.38 | <10 | 0.54 | 3910 | 11 | 0.12 | 14 | 4.76 | 3 | 3 | 9 | 58 | 0.05 | 29 | 20 |
| 84 | 11605 | 2.13 | 3250 | <2 | 0.29 | 405.0 | 91 | 10.75 | <10 | 0.1 | 0.09 | <10 | 0.41 | 6720 | 23 | 0.03 | 5 | 10 | 44 | 3 | 10 | 30 | 0.04 | 63 | 720 |
| 84 | 11915 | 2.53 | 90 | 3 | 1.66 | <0.5 | 20 | 2.91 | 10 | <0.01 | 0.05 | <10 | 0.78 | 240 | <1 | 0.43 | 4 | 2.25 | <2 | 4 | 9 | 103 | 0.1 | 57 | 10 |
| 84 | 11916 | 1.67 | 250 | 32 | 0.95 | 40.0 | 23 | 23.8 | <10 | <0.01 | 0.18 | <10 | 0.4 | 1620 | 20 | 0.02 | 6 | 10 | 8 | 2 | 8 | 64 | 0.06 | 28 | <10 |
| 85 | 11606 | 1.04 | -- | <2 | 0.94 | <0.5 | 25 | 13.25 | 10 | 0.01 | 0.02 | 10 | 0.53 | 937 | <1 | 0.02 | 18 | 0.07 | 2 | 12 | -- | 28 | 0.99 | 726 | -- |
| 85 | 11889 | 1.1 | 480 | <2 | 0.66 | <0.5 | 7 | 2.91 | <10 | 0.01 | 0.03 | <10 | 0.54 | 372 | <1 | 0.01 | 9 | <0.01 | <2 | 6 | 8 | 33 | 0.18 | 108 | 10 |
| 85 | 11890 | 1.33 | 280 | <2 | 1.15 | <0.5 | 14 | 8.97 | 10 | 0.01 | 0.05 | 10 | 0.62 | 707 | <1 | 0.04 | 14 | <0.01 | <2 | 9 | 7 | 44 | 0.51 | 416 | <10 |
| 86 | 11896 | 0.67 | 810 | <2 | 0.09 | <0.5 | 6 | 2.98 | <10 | 0.01 | 0.34 | <10 | 0.06 | 62 | 3 | 0.02 | 3 | 1.71 | 3 | 1 | 9 | 6 | 0.02 | 8 | <10 |
| 86 | 11897 | 1.95 | 710 | <2 | 0.67 | <0.5 | 15 | 7.81 | 10 | 0.01 | 0.17 | <10 | 1.02 | 124 | 6 | 0.1 | 11 | 2.86 | <2 | 6 | 9 | 44 | 0.2 | 77 | 10 |
| 86 | 11898 | 3.62 | 220 | 14 | 2.41 | 2.5 | 17 | 4.07 | 10 | 0.01 | 0.04 | <10 | 0.68 | 871 | 4 | 0.14 | 14 | 2.55 | <2 | 6 | 9 | 219 | 0.12 | 60 | <10 |
| 86 | 11899 | 2.36 | 990 | 36 | 2.28 | 4.1 | 14 | 6.32 | <10 | <0.1 | 0.11 | <10 | 1.02 | 2670 | 5 | 0.01 | 17 | 3.75 | <2 | 5 | 9 | 190 | 0.12 | 51 | <10 |
| 87 | 11610 | 0.61 | 450 | 2 | 0.23 | 3.2 | 1 | 2.35 | <10 | 0.14 | 0.28 | <10 | 0.06 | 118 | 8 | 0.01 | 1 | 1.36 | 2 | 1 | 9 | 8 | 0.01 | 9 | <10 |
| 87 | 11611 | 1.12 | 340 | <2 | 0.07 | <0.5 | 3 | 1.33 | <10 | <0.01 | 0.24 | <10 | 0.54 | 50 | 1 | 0.12 | 2 | 0.93 | <2 | 2 | 7 | 22 | 0.01 | 16 | 10 |
| 87 | 11612 | 2.43 | 670 | <2 | 1.67 | 2.2 | 20 | 1.61 | 10 | 0.01 | 0.07 | <10 | 1.46 | 1025 | 1 | 0.12 | 22 | 0.22 | <2 | 6 | 9 | 101 | 0.16 | 68 | <10 |
| 87 | 11613 | 0.92 | 8490 | 7 | 6.57 | 0.5 | 34 | 8.42 | <10 | 0.1 | 0.2 | <10 | 0.11 | 4980 | 4 | 0.01 | 7 | 9.72 | 14 | 2 | 9 | 38 | <0.01 | 13 | <10 |
| 88 | 11891 | 1.73 | 400 | <2 | 0.4 | <0.5 | 13 | 3.41 | <10 | 0.01 | 0.35 | <10 | 0.96 | 213 | 12 | 0.11 | 11 | 2.05 | <2 | 4 | 9 | 56 | 0.01 | 39 | 10 |
| 88 | 11892 | 2.29 | 540 | 6 | 0.48 | <0.5 | 19 | 4.56 | 10 | 0.07 | 0.7 | <10 | 1.34 | 240 | 71 | 0.1 | 25 | 1.55 | 2 | 11 | 9 | 45 | 0.09 | 92 | 10 |
| 88 | 11893 | 2.51 | 420 | <2 | 0.41 | <0.5 | 8 | 3.7 | 10 | <0.01 | 0.37 | <10 | 1.54 | 188 | 2 | 0.19 | 19 | 0.8 | <2 | 9 | 9 | 190 | 0.07 | 89 | 10 |
| 88 | 11894 | 1.63 | 80 | 3 | 0.13 | <0.5 | 230 | 33.7 | <10 | 0.07 | 0.16 | <10 | 0.54 | 116 | 2 | 0.05 | 329 | 10 | <2 | 5 | 6 | 12 | 0.03 | 55 | 10 |
| 88 | 11895 | 1.47 | 710 | 5 | 2.42 | 59.5 | 7 | 4.25 | <10 | 2.52 | 0.43 | <10 | 0.69 | 209 | 386 | 0.05 | 13 | 2.01 | 504 | 4 | 10 | 27 | 0.01 | 32 | <10 |
| 88 | 11917 | 2.27 | 340 | <2 | 0.52 | <0.5 | 10 | 3.22 | 10 | 0.01 | 0.39 | <10 | 1.18 | 127 | <1 | 0.17 | 17 | 1.45 | <2 | 4 | 8 | 69 | 0.02 | 53 | 10 |
| 88 | 11918 | 3.06 | 560 | <2 | 0.68 | 0.6 | 18 | 4.3 | 10 | <0.01 | 0.98 | <10 | 1.88 | 274 | 14 | 0.23 | 27 | 1.35 | 3 | 14 | 8 | 57 | 0.17 | 125 | 10 |
| 88 | 11919 | 1.91 | 470 | <2 | 0.28 | <0.5 | 12 | 3.15 | <10 | <0.01 | 0.42 | <10 | 0.98 | 127 | 5 | 0.12 | 11 | 1.24 | <2 | 4 | 8 | 87 | 0.02 | 38 | 10 |
| 88 | 11920 | 2.04 | 570 | <2 | 1.09 | <0.5 | 8 | 1.61 | <10 | 0.01 | 0.48 | 10 | 1.02 | 252 | 10 | 0.13 | 15 | 0.24 | <2 | 5 | 8 | 90 | 0.02 | 44 | 10 |
| 89 | 11878 | 1.08 | 600 | <2 | 5.52 | <0.5 | 1 | 1.95 | <10 | 0.01 | 0.24 | <10 | 0.57 | 678 | <1 | 0.07 | <1 | 0.09 | <2 | 2 | 8 | 97 | 0.01 | 17 | <10 |
| 89 | 11902 | 2.02 | 90 | <2 | 2.55 | <0.5 | 12 | 3.34 | <10 | 1.13 | 0.06 | <10 | 0.07 | 549 | <1 | 0.04 | 20 | 0.03 | 2 | 15 | 8 | 34 | <0.01 | 91 | 10 |
| 89 | 11903 | 1.17 | 580 | <2 | 2.61 | <0.5 | 5 | 1.92 | <10 | 0.08 | 0.28 | 10 | 0.35 | 638 | 1 | 0.15 | 3 | 0.26 | <2 | 3 | 9 | 92 | <0.01 | 29 | <10 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map Sample No | Location | Type | Site | Method | Size (ft) | Description | Pt ppm | Au ppm | Ag ppm | Cu ppm | Pb ppm | Zn ppm | As ppm |
|---------------|---------------------------|------|------|--------|-----------|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| 89 | 11904 Kabugakli Lode | R | OC | C | | fel dike w/ qtz vns | <0.005 | 0.111 | <0.2 | 9 | 9 | 40 | 477 |
| 89 | 11905 Kabugakli Lode | R | OC | C | 1 | feox shear in dike w/ tr py | <0.005 | <0.001 | <0.2 | 43 | 8 | 101 | 38 |
| 89 | 11906 Kabugakli Lode | R | OC | C | 2 | carbon rich zone in shear w/ py | <0.005 | 0.837 | <0.2 | 21 | 24 | 34 | 3780 |
| 89 | 11908 Kabugakli Lode | R | OC | C | 2 | arg w/ tr py | <0.005 | 0.008 | <0.2 | 37 | 9 | 102 | 26 |
| 90 | 11593 Kabugakli Lode Area | R | OC | S | | calc alt sed w/ carb vn(s) & sulf | 0.009 | 0.021 | 0.3 | 20 | 76 | 130 | 7960 |
| 90 | 11594 Kabugakli Lode Area | R | OC | G | | calc & sil alt seds w/ sulf veinlets | <0.005 | 0.007 | <0.2 | 17 | 7 | 34 | 67 |
| 90 | 11595 Kabugakli Lode Area | R | OC | SC | 11 | qtz-dio w/ dissemin po/py | <0.005 | 0.009 | <0.2 | 25 | 7 | 70 | 40 |
| 90 | 11596 Kabugakli Lode Area | R | RC | G | | fg siltstone w/ dissemin py/po | <0.005 | 0.003 | <0.2 | 131 | 7 | 36 | 2 |
| 90 | 11882 Kabugakli Lode Area | R | RC | G | 1 | feox dio w/ dissemin sulf | <0.005 | 0.001 | 0.3 | 72 | 16 | 72 | <2 |
| 91 | 10788 Kabugakli Placer | PC | | | | 3 pans, 1 cs, 3 f, >20 vf | -- | -- | 1500 | 167 | <2 | 97 | 9 |
| 91 | 11900 Kabugakli Placer | SS | | | | | <0.005 | 0.003 | 2.62 | <0.2 | 161 | 4 | 59 |
| 91 | 11901 Kabugakli Placer | PC | | | | 2 pans, 6 f, & 30 vf gold | <0.005 | <0.001 | 183.0 | 6.2 | 137 | 5 | 61 |
| 91 | 11907 Kabugakli Placer | R | RC | C | 1 | py in arg w/ carb vn & tr py | <0.005 | 0.003 | <0.2 | 44 | 19 | 92 | 27 |
| 91 | 11909 Kabugakli Placer | PC | | | | 3 pans, 6 f gold | -- | -- | 11.6 | 226 | 3 | 68 | 44 |
| 92 | 11588 Becharof Lake | SS | | | | | 0.006 | 0.008 | -- | <0.2 | 21 | <2 | 53 |
| 92 | 11879 Becharof Lake | SS | | | | | <0.005 | <0.001 | 0.002 | <0.2 | 22 | <2 | 47 |
| 92 | 11880 Becharof Lake | PC | | | | 1 pan | 0.034 | 0.021 | 0.007 | <0.2 | 21 | <2 | 91 |
| 93 | 11589 Kejuilik River | PC | | | | 2 pans | -- | -- | 0.844 | <0.2 | 9 | <2 | 61 |
| 93 | 11590 Kejuilik River | PC | | | | 1 pan | -- | -- | -- | <0.2 | 15 | 9 | 61 |
| 93 | 11591 Kejuilik River | PC | | | | 1 pan | -- | -- | -- | <0.2 | 13 | 3 | 80 |
| 93 | 11592 Kejuilik River | PC | | | | 2 pans | -- | -- | -- | <0.2 | 11 | 2 | 78 |
| 94 | 10786 Puale Bay Area | R | RC | G | | med to thinly bedded ox ss | <0.005 | 0.003 | <0.001 | <0.2 | 25 | 4 | 48 |
| 94 | 10787 Puale Bay Area | R | OC | G | | med to thinly bedded ox ss | <0.005 | 0.003 | 0.005 | <0.2 | 42 | 6 | 71 |
| 94 | 11586 Puale Bay Area | R | RC | S | | ss w/ carb & barite(?) vn(s) | <0.005 | 0.002 | <0.001 | <0.2 | 48 | 5 | 76 |
| 94 | 11587 Puale Bay Area | R | RC | G | | concretions in ss w/ sulf | 0.007 | 0.003 | 0.001 | <0.2 | 44 | 5 | 61 |
| 94 | 11876 Puale Bay Area | R | OC | G | 3 | feox mudstone w/ fg dissemin py | 0.006 | 0.003 | 0.012 | 0.5 | 145 | 18 | 85 |
| 95 | 11877 Sulfur Creek | R | OC | G | | feox volc w/ carb | <0.005 | 0.003 | 0.004 | <0.2 | 62 | 16 | 90 |

Table 2. Analytical results for rock chip, stream sediment, and pan concentrate samples

| Map Sample No | Al ppm | Ba ppm | Bi ppm | Ca ppm | Cd ppm | Co ppm | Fe ppm | Ga ppm | Hg ppm | K ppm | La ppm | Mg ppm | Mn ppm | Mo ppm | Na ppm | Ni ppm | S pct | Sb ppm | Sc ppm | Sn ppm | Sr ppm | Ti ppm | V ppm | W ppm | |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|-------|-------|-----|
| 89 | 11904 | 1.18 | 550 | <2 | 2.04 | <0.5 | 3 | 1.55 | <10 | 0.02 | 0.28 | 10 | 0.21 | 713 | <1 | 0.11 | <1 | 0.21 | <2 | 2 | 8 | 53 | <0.01 | 11 | <10 |
| 89 | 11905 | 1.87 | 330 | <2 | 7.34 | <0.5 | 13 | 4.73 | <10 | 0.19 | 0.09 | 10 | 0.48 | 985 | 21 | 0.12 | 10 | 0.1 | <2 | 9 | 8 | 208 | <0.01 | 96 | 10 |
| 89 | 11906 | 1.05 | 690 | <2 | 11.9 | <0.5 | 4 | 4.38 | <10 | 0.03 | 0.16 | <10 | 4.44 | 1050 | 3 | 0.07 | 4 | 1.2 | 21 | 4 | 8 | 588 | <0.01 | 36 | 10 |
| 89 | 11908 | 2.6 | 450 | <2 | 2.98 | <0.5 | 16 | 4.63 | 10 | 0.01 | 0.07 | 10 | 1.46 | 998 | <1 | 0.13 | 13 | 0.17 | <2 | 10 | 8 | 115 | 0.01 | 120 | <10 |
| 90 | 11593 | 1.33 | 870 | <2 | 4.74 | <0.5 | 9 | 3.98 | <10 | 0.03 | 0.24 | <10 | 1.44 | 1150 | <1 | 0.09 | 8 | 0.78 | 33 | 5 | 8 | 244 | 0.01 | 48 | <10 |
| 90 | 11594 | 1.03 | 170 | <2 | 12.45 | <0.5 | 5 | 6.56 | <10 | 0.04 | 0.07 | <10 | 2.85 | 1825 | <1 | 0.07 | 9 | 0.24 | 3 | 5 | 8 | 206 | 0.01 | 47 | 10 |
| 90 | 11595 | 2.52 | 300 | <2 | 1.62 | <0.5 | 7 | 3.21 | 10 | 0.01 | 0.11 | <10 | 1.16 | 718 | 1 | 0.33 | 5 | 0.37 | <2 | 5 | 8 | 129 | 0.11 | 71 | <10 |
| 90 | 11596 | 4.49 | 290 | <2 | 2.39 | <0.5 | 14 | 4.56 | 10 | 0.01 | 0.5 | <10 | 1.15 | 512 | 1 | 0.69 | 13 | 1.66 | <2 | 7 | 9 | 200 | 0.23 | 130 | 10 |
| 90 | 11882 | 2.65 | 270 | <2 | 1.14 | <0.5 | 4 | 2.94 | 10 | <0.01 | 0.08 | <10 | 1.18 | 442 | 1 | 0.4 | 7 | 0.56 | <2 | 5 | 8 | 120 | 0.12 | 65 | 10 |
| 91 | 10788 | 0.6 | -- | <2 | 0.44 | <0.5 | 39 | 48 | 10 | 1.6 | 0.05 | <10 | 0.28 | 820 | 2 | 0.02 | 45 | 0.37 | <2 | 7 | -- | 14 | 0.5 | 1615 | -- |
| 91 | 11900 | 1.76 | 380 | <2 | 0.36 | <0.5 | 18 | 4.44 | <10 | 0.02 | 0.15 | <10 | 0.85 | 494 | 3 | 0.05 | 17 | 0.09 | <2 | 6 | 7 | 35 | 0.11 | 106 | 10 |
| 91 | 11901 | 1.59 | 320 | <2 | 0.56 | <0.5 | 19 | 12.5 | 10 | 0.03 | 0.15 | <10 | 0.7 | 551 | 2 | 0.1 | 25 | 0.11 | <2 | 6 | 7 | 44 | 0.19 | 352 | 20 |
| 91 | 11907 | 2.3 | 430 | <2 | 2.91 | <0.5 | 16 | 4.64 | 10 | 0.03 | 0.18 | 10 | 1.37 | 1050 | <1 | 0.1 | 14 | 0.18 | <2 | 10 | 9 | 117 | 0.01 | 115 | <10 |
| 91 | 11909 | 0.81 | -- | <2 | 0.46 | <0.5 | 45 | 36.6 | 10 | 0.04 | 0.07 | <10 | 0.41 | 671 | 3 | 0.03 | 46 | 0.99 | <2 | 6 | -- | 16 | 0.32 | 1120 | -- |
| 92 | 11588 | 1.87 | 380 | <2 | 1.06 | <0.5 | 12 | 4.89 | 10 | 0.01 | 0.04 | <10 | 0.55 | 451 | <1 | 0.12 | 16 | 0.01 | 2 | 4 | 8 | 87 | 0.27 | 249 | <10 |
| 92 | 11879 | 1.9 | 450 | <2 | 1.1 | <0.5 | 11 | 3.9 | <10 | 0.01 | 0.06 | <10 | 0.51 | 447 | <1 | 0.12 | 14 | <0.01 | <2 | 4 | 8 | 96 | 0.21 | 189 | 10 |
| 92 | 11880 | 1.25 | 170 | <2 | 0.68 | <0.5 | 32 | 10.65 | 10 | <0.01 | 0.03 | <10 | 1.15 | 813 | <1 | 0.09 | 39 | <0.01 | <2 | 5 | 7 | 48 | 0.61 | 698 | 10 |
| 93 | 11589 | 0.67 | 170 | <2 | 0.41 | <0.5 | 9 | 6.54 | <10 | <0.01 | 0.04 | 10 | 0.22 | 947 | <1 | 0.03 | 9 | <0.01 | 2 | 5 | 8 | 49 | 0.92 | 255 | 10 |
| 93 | 11590 | 0.92 | 350 | <2 | 0.5 | <0.5 | 9 | 5.73 | <10 | <0.01 | 0.06 | 10 | 0.27 | 1025 | <1 | 0.06 | 8 | <0.01 | <2 | 6 | 8 | 68 | 1.03 | 190 | 10 |
| 93 | 11591 | 0.86 | 160 | <2 | 0.46 | <0.5 | 14 | 8.66 | 10 | 0.01 | 0.04 | 10 | 0.28 | 1080 | <1 | 0.04 | 12 | <0.01 | <2 | 7 | 7 | 38 | 1.11 | 407 | 10 |
| 93 | 11592 | 0.79 | 50 | <2 | 0.48 | <0.5 | 13 | 9.19 | 10 | <0.01 | 0.04 | 10 | 0.27 | 1525 | <1 | 0.04 | 12 | <0.01 | <2 | 8 | 7 | 43 | 1.36 | 388 | 10 |
| 94 | 10786 | 3.29 | 440 | <2 | 1.61 | <0.5 | 8 | 4.55 | 10 | 0.03 | 0.1 | 10 | 0.61 | 371 | 2 | 0.29 | 9 | 1.05 | 2 | 9 | 8 | 298 | 0.32 | 91 | <10 |
| 94 | 10787 | 3.13 | 370 | <2 | 2.18 | <0.5 | 15 | 5.8 | 10 | 0.02 | 0.09 | 10 | 1.29 | 678 | 5 | 0.22 | 20 | 1.78 | <2 | 13 | 8 | 166 | 0.41 | 220 | 10 |
| 94 | 11586 | 5.68 | 280 | <2 | 3.67 | <0.5 | 11 | 4.15 | 20 | <0.01 | 0.06 | 10 | 0.91 | 627 | <1 | 0.39 | 9 | 0.02 | <2 | 8 | 8 | 234 | 0.33 | 125 | <10 |
| 94 | 11587 | 3.28 | 560 | <2 | 1.95 | <0.5 | 8 | 4.48 | 10 | 0.01 | 0.12 | 10 | 0.66 | 474 | <1 | 0.3 | 9 | 2.07 | <2 | 9 | 9 | 386 | 0.36 | 88 | 10 |
| 94 | 11876 | 2.84 | 550 | <2 | 1.75 | <0.5 | 17 | 5.07 | 10 | 0.02 | 0.09 | 10 | 1.29 | 571 | 1 | 0.23 | 29 | 2.26 | <2 | 12 | 8 | 97 | 0.33 | 128 | 10 |
| 95 | 11877 | 6.7 | 120 | <2 | 7.34 | <0.5 | 14 | 4.8 | 20 | 0.02 | 0.09 | 10 | 1.09 | 734 | 8 | 0.12 | 18 | 0.04 | <2 | 19 | 8 | 29 | 0.38 | 161 | 10 |

TABLE 3
LATITUDE AND LONGITUDE COORDINATES FOR SAMPLES

Table 3. Latitude and longitude coordinates for 2005-2006 samples. Coordinates are in decimal degrees and use the North American Datum 1927.

| Sample No | Latitude | Longitude | Sample No | Latitude | Longitude |
|-----------|----------|------------|-----------|----------|------------|
| 11502 | 58.70962 | -161.64127 | 11594 | 57.88099 | -155.07410 |
| 11503 | 59.27735 | -158.53439 | 11595 | 57.88260 | -155.07360 |
| 11504 | 60.85538 | -154.22413 | 11596 | 57.88986 | -155.09487 |
| 11505 | 60.86425 | -154.19644 | 11597 | 59.10945 | -154.87217 |
| 11506 | 60.36882 | -154.43242 | 11598 | 59.10902 | -154.87524 |
| 11507 | 60.47141 | -153.83034 | 11599 | 59.10823 | -154.88030 |
| 11508 | 60.47157 | -153.83096 | 11600 | 58.91046 | -154.89357 |
| 11509 | 60.06775 | -153.95185 | 11601 | 58.90894 | -154.89892 |
| 11510 | 60.26320 | -153.56685 | 11602 | 58.90928 | -154.89969 |
| 11511 | 60.15659 | -153.85446 | 11603 | 58.91138 | -154.89952 |
| 11512 | 60.28135 | -153.55684 | 11604 | 58.68306 | -153.87259 |
| 11513 | 60.16061 | -154.05155 | 11605 | 58.68317 | -153.87259 |
| 11514 | 60.31285 | -153.88760 | 11606 | 58.67135 | -154.84047 |
| 11551 | 60.84450 | -154.18945 | 11607 | 58.96149 | -155.57651 |
| 11552 | 60.84869 | -154.16473 | 11608 | 58.96149 | -155.57619 |
| 11553 | 60.36757 | -154.43099 | 11609 | 58.96141 | -155.57607 |
| 11554 | 60.36824 | -154.43101 | 11610 | 58.32162 | -155.00046 |
| 11555 | 60.35706 | -154.47212 | 11611 | 58.32083 | -155.00030 |
| 11556 | 60.14480 | -153.87615 | 11612 | 58.33117 | -154.99902 |
| 11557 | 60.29316 | -154.24837 | 11613 | 58.33203 | -154.99502 |
| 11558 | 60.29301 | -154.25063 | 11800 | 59.67625 | -153.78538 |
| 11559 | 60.47505 | -153.82900 | 11801 | 59.67602 | -153.78439 |
| 11560 | 60.47486 | -153.82933 | 11802 | 59.69499 | -153.92936 |
| 11561 | 60.47450 | -153.82967 | 11803 | 59.69574 | -153.92723 |
| 11562 | 60.47454 | -153.82521 | 11804 | 59.68112 | -153.95042 |
| 11563 | 60.47161 | -153.83093 | 11805 | 59.67574 | -153.96357 |
| 11564 | 60.47156 | -153.83088 | 11806 | 59.67672 | -153.96374 |
| 11565 | 60.51523 | -153.78833 | 11807 | 59.67146 | -153.95936 |
| 11566 | 60.51498 | -153.78656 | 11808 | 59.67319 | -153.95802 |
| 11567 | 60.51824 | -153.78214 | 11809 | 59.68421 | -153.94467 |
| 11568 | 60.06933 | -153.95556 | 11810 | 59.68410 | -153.94491 |
| 11569 | 60.26512 | -153.56255 | 11811 | 59.78139 | -154.50877 |
| 11570 | 60.26519 | -153.56235 | 11812 | 59.74333 | -153.94667 |
| 11571 | 60.19191 | -153.91687 | 11813 | 59.78460 | -154.51097 |
| 11572 | 60.19186 | -153.91684 | 11814 | 59.78459 | -154.51100 |
| 11573 | 60.16003 | -153.85385 | 11815 | 59.78453 | -154.51146 |
| 11574 | 60.16003 | -153.85368 | 11816 | 59.50914 | -154.35996 |
| 11575 | 60.16006 | -153.85370 | 11817 | 59.33708 | -154.53241 |
| 11576 | 60.16006 | -153.85368 | 11818 | 59.33664 | -154.55869 |
| 11577 | 60.18129 | -153.73682 | 11819 | 59.33709 | -154.56207 |
| 11578 | 60.28194 | -153.56073 | 11820 | 59.31424 | -154.76834 |
| 11579 | 60.28368 | -153.55887 | 11821 | 59.26554 | -154.60590 |
| 11580 | 60.28368 | -153.55881 | 11822 | 59.41593 | -154.20521 |
| 11581 | 60.16130 | -154.04839 | 11823 | 59.71196 | -154.02530 |
| 11582 | 60.16176 | -154.04810 | 11824 | 59.71544 | -154.01504 |
| 11583 | 60.31691 | -153.88537 | 11825 | 59.71068 | -154.00748 |
| 11584 | 60.31607 | -153.88982 | 11826 | 59.78541 | -155.48645 |
| 11585 | 60.25073 | -153.58138 | 11827 | 59.50911 | -154.36101 |
| 11586 | 57.76885 | -155.38959 | 11828 | 59.50918 | -154.36106 |
| 11587 | 57.76876 | -155.39007 | 11829 | 59.50903 | -154.36068 |
| 11588 | 57.93477 | -155.97873 | 11830 | 59.50908 | -154.36152 |
| 11589 | 57.85109 | -155.74134 | 11831 | 59.71086 | -154.00771 |
| 11590 | 57.85128 | -155.74280 | 11832 | 59.68848 | -153.99943 |
| 11591 | 57.85312 | -155.74231 | 11833 | 59.68840 | -153.99933 |
| 11592 | 57.85289 | -155.74204 | 11834 | 59.61399 | -154.11642 |
| 11593 | 57.88357 | -155.07251 | 11835 | 59.66665 | -154.07008 |

Table 3. Latitude and longitude coordinates for 2005-2006 samples. Coordinates are in decimal degrees and use the North American Datum 1927.

| Sample No | Latitude | Longitude | Sample No | Latitude | Longitude |
|-----------|----------|------------|-----------|----------|------------|
| 11836 | 59.61097 | -154.13682 | 11892 | 58.26882 | -155.43439 |
| 11837 | 59.59905 | -154.05373 | 11893 | 58.27065 | -155.43981 |
| 11838 | 59.59903 | -154.05387 | 11894 | 58.26919 | -155.43697 |
| 11839 | 59.66664 | -154.06998 | 11895 | 58.26917 | -155.43396 |
| 11840 | 59.63826 | -153.94342 | 11896 | 58.32276 | -155.00432 |
| 11841 | 59.63828 | -153.94342 | 11897 | 58.32132 | -155.00042 |
| 11842 | 59.85234 | -154.35359 | 11898 | 58.33425 | -154.99463 |
| 11843 | 59.85238 | -154.35355 | 11899 | 58.33322 | -154.99421 |
| 11844 | 59.78067 | -154.50827 | 11900 | 57.88267 | -155.07431 |
| 11845 | 59.78073 | -154.50830 | 11901 | 57.88267 | -155.07431 |
| 11846 | 59.78088 | -154.50793 | 11902 | 57.88342 | -155.07270 |
| 11847 | 59.78111 | -154.50849 | 11903 | 57.88409 | -155.07239 |
| 11848 | 59.78136 | -154.50870 | 11904 | 57.88407 | -155.07251 |
| 11849 | 59.78143 | -154.50880 | 11905 | 57.88225 | -155.07316 |
| 11850 | 59.78513 | -154.51128 | 11906 | 57.88218 | -155.07313 |
| 11851 | 59.78533 | -154.51129 | 11907 | 57.88288 | -155.07465 |
| 11852 | 59.78575 | -154.51159 | 11908 | 57.88264 | -155.07436 |
| 11853 | 59.78587 | -154.51134 | 11909 | 57.88485 | -155.08327 |
| 11854 | 59.78615 | -154.51141 | 11910 | 59.10704 | -154.89099 |
| 11855 | 59.67448 | -154.94996 | 11911 | 59.10700 | -154.88552 |
| 11856 | 59.67448 | -154.95000 | 11912 | 59.10838 | -154.88066 |
| 11857 | 59.41364 | -155.25040 | 11913 | 59.10861 | -154.87802 |
| 11858 | 59.34360 | -154.60003 | 11914 | 59.08372 | -154.95558 |
| 11859 | 59.49702 | -154.39384 | 11915 | 58.68255 | -153.87207 |
| 11860 | 59.54624 | -154.27568 | 11916 | 58.68304 | -153.87303 |
| 11861 | 59.54644 | -154.27574 | 11917 | 58.26773 | -155.43276 |
| 11862 | 59.39392 | -155.10748 | 11918 | 58.26830 | -155.43366 |
| 11863 | 59.85655 | -155.33068 | 11919 | 58.27023 | -155.43940 |
| 11864 | 59.85673 | -155.31734 | 11920 | 58.26918 | -155.43430 |
| 11865 | 59.24145 | -154.70365 | | | |
| 11866 | 59.24697 | -154.74756 | | | |
| 11867 | 59.24709 | -154.74680 | | | |
| 11868 | 59.24632 | -154.81803 | | | |
| 11869 | 59.24635 | -154.81805 | | | |
| 11870 | 59.10986 | -154.86903 | | | |
| 11871 | 59.10970 | -154.87002 | | | |
| 11872 | 59.10956 | -154.86742 | | | |
| 11873 | 59.10995 | -154.86379 | | | |
| 11874 | 59.08319 | -154.79513 | | | |
| 11875 | 59.07729 | -154.83418 | | | |
| 11876 | 57.76093 | -155.66800 | | | |
| 11877 | 57.69431 | -155.82301 | | | |
| 11878 | 57.88338 | -155.07277 | | | |
| 11879 | 57.94316 | -155.95036 | | | |
| 11880 | 57.94314 | -155.95035 | | | |
| 11881 | 58.92638 | -155.64830 | | | |
| 11882 | 57.88989 | -155.09483 | | | |
| 11883 | 58.92638 | -155.64826 | | | |
| 11884 | 58.89156 | -154.55029 | | | |
| 11885 | 58.92471 | -154.93359 | | | |
| 11886 | 58.92472 | -154.93370 | | | |
| 11887 | 58.84309 | -154.96980 | | | |
| 11888 | 58.84375 | -154.97065 | | | |
| 11889 | 58.67634 | -154.82446 | | | |
| 11890 | 58.67634 | -154.82445 | | | |
| 11891 | 58.26748 | -155.43262 | | | |