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Analytical Results from Mineral Investigations in the Koyukuk Mining District, Northern Alaska

Robert F. Klieforth, Joseph M. Kurtak, John M. Clark and Elizabeth A. Maclean

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Cover Photo

BLM volunteer Mark Johnson inspecting andesitic volcanic rocks; Indian Mountains in the background. Photo by Robert Klieforth.

Authors

Robert Klieforth and Joseph Kurtak are geologists in the Bureau of Land Management's Alaska State Office, Division of Lands, Minerals and Resources. John Clark and Elizabeth Maclean are graduate students in geology at the University of Alaska, Fairbanks, and part-time employees with the BLM Alaska State Office.

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ABBREVIATIONS

Btu/lb	British thermal unit per pound
°F	degrees Fahrenheit
oz	ounce(s)
oz/cyd	ounce(s) per cubic yard
oz/ton	ounce(s) per short ton
ppb	part(s) per billion
ppm	part(s) per million
ppt	part(s) per thousand

ANALYTICAL RESULTS FROM MINERAL INVESTIGATIONS IN THE KOYUKUK MINING DISTRICT, NORTHERN ALASKA

ABSTRACT

A mineral resource investigation of the Koyukuk Mining District in northern Alaska was conducted from 1997 to 2001 by the Bureau of Land Management (BLM). The 11.6-million-acre study area comprises the upper portion of the Koyukuk River drainage basin. The objective of the investigation was to evaluate the mineral resources and mineral development potential of the district. Field work consisted of mapping and sampling mines, prospects, and mineral occurrences and reconnaissance sampling in areas containing no documented sites. This investigation is part of the Bureau's ongoing statewide mining district evaluation program.

This report contains a compilation of all samples collected by the BLM during the Koyukuk Mining District study. Information includes sample location and analytical results for 2,098 rock, soil, stream sediment, pan concentrate, and placer concentrate samples. These sites include gold placers, gold-bearing quartz veins, silver-lead-zinc massive sulfides, copper porphyries, tungsten-copper skarns, tin greisens, podiform chromite, and coal.

Significant results from this study include identification of anomalous gold values in pan and placer concentrate samples collected at Wild Lake, Chicken Creek, Swede Creek, Little Swede Creek, Hammond River bench, and Kanuti Kilolitna River. Rock samples collected near Nolan Creek, Vermont Creek, Chandalar Copper Belt, Horace Mountain, and Indian River are also anomalous in gold.

INTRODUCTION

In 1997 the Bureau of Land Management (BLM) Solid Minerals Section initiated a five-year assessment of the mineral resources of the Koyukuk Mining District. The ultimate objectives of this evaluation were: **1)** to identify the nature and extent of mineral resources in the area; **2)** to perform mining feasibility studies, using hypothetical mine models on mineral deposits that have potential to be economic; and **3)** to perform geophysical investigations in those areas possibly containing concealed mineral deposits. The geophysical investigations were done in cooperation with the Alaska Division of Geophysical and Geological Surveys (ADGGS). This study is part of the BLM's ongoing mining district evaluation program and is authorized under Section 1010 of the Alaska National Interest Lands Conservation Act (ANILCA).

The objective of this report is to present analytical results from all samples collected during the Koyukuk study and to highlight anomalous results which represent new data. This report includes results previously published in a progress report describing the first two years of field work (Kurtak and others, 1999). Detailed descriptions and historical data for all mineral occurrences in the district will be published as a separate BLM technical report. The results of the mining feasibility and geophysical investigations will also be published as separate BLM technical reports.

The Koyukuk Mining District contains approximately 290 mines[1], prospects[2], and mineral occurrences[3]. Mineral deposit types present include gold placers, gold-bearing quartz veins, copper-zinc massive sulfides, copper porphyries, tungsten-copper skarns, tin greisens, podiform chromite, and coal. Samples were collected at all the documented sites within the district and at over 100 additional reconnaissance sites. Construction material sites were not evaluated.

Acknowledgments

The authors are indebted to the many individuals whose expertise and enthusiasm helped carry the Koyukuk Mining District study to completion. Field assistants Darrel VandeWeg and Emily Davenport along with volunteers Mark Johnson, Fred Harnisch, Trisha Herminghaus, Karsten Eden, and Dan Kurtak provided valuable assistance while dealing with bugs, bears, and bad weather along the way. Resource Apprenticeship Program intern and high school student Johnnie Lyman was a welcome addition to the field crew and kept us focused by asking lots of questions.

Helicopter pilots Marty Stauber, Ed Bartoli, Len Warren, Herbert Marcher, and Tim Gafney did their utmost to help us accomplish our mission without compromising safety. Mechanics Jerry Weaver and Lowell Berentsen kept the helicopter running smoothly and went out of their way to ensure that aircraft maintenance did not conflict with field work. The staffs of the Indian Mountain Long Range Radar Site, Bettles Lodge, and Silverado Gold Mines Inc. provided comfortable accommodations for the field crew.

The authors appreciate the cooperation and hospitality shown by the following miners and claim owners and apologize for any that may have been left out: Bud Anderson (Gold Creek), Bill and Lil Fickus (Crevice Creek), Mitch Fleming (Myrtle Creek), John and Ethel Hall (Linda Creek), Ralph and Dick

[1] Confirmed production over a period of several years.
[2] Development work done, but no recorded production.
[3] Mineralization exists, but there is no sign of development.

Hamm (Porcupine Creek), Jack Jackson (Jennie Creek), Jack Jiles (Gold Bottom Gulch), Jim Lounsbury (Union Creek), Mick Manns (Birch Creek), Marie Mead (Sawyer Creek), Bill Nordeen (Emma Creek), Northern Lights Mining crew (Rye Creek), Jim Olmsted (Gold Creek), Mike Raible (Mascot Creek), Heinrich Schoenke (Lake Creek), Silverado Gold Mines Inc. (Nolan Creek), Dennis Stacey (Vermont Creek), Garry Tainter (Prospect Creek), Larry Weisz (Hammond River), and Ted Wicken (Gold Creek).

Our thanks to Harry Noyes and Norman Phillips for providing access to geologic information on Doyon Ltd. lands within the Koyukuk Mining District.

Geography and Climate

The Koyukuk Mining District contains 11.6 million acres (18,125 square miles) and comprises the upper portion of the Koyukuk River basin (plate 1, figure 1). The Kanuti-Koyukuk River confluence forms the southern boundary of the district. The crest of the Brooks Range makes up the northern boundary. The west side is bounded by the Noatak and Kobuk Rivers, and the east by the Chandalar River. It has been divided into two subdistricts: the Alatna in the southern half and the Wiseman in the northern half (Ransome and Kerns, 1954, p. 82).

The Kanuti Flats make up the south-central portion of the district. These unglaciated low plains are 400 to 1,000 feet in elevation, dotted by lakes, and crossed by the forested meander belts of the Koyukuk and Kanuti Rivers. Bedrock exposures are uncommon in this part of the district. The Kanuti Flats merge with the Indian River upland on the west, which consists mostly of low, gentle ridges ranging from 1,500 to 2,000 feet in elevation. The ridges culminate in high points such as Indian Mountain (4,234 feet). The Kokrine-Hodzana Highlands border the Kanuti Flats on the east and south. These consist of rounded ridges, 2,000 to 4,000 feet in elevation, surrounded by isolated areas of more rugged mountains. This includes the Ray Mountains with glaciated valleys and summits rising to 5,500 feet.

The northern part of the district is dominated by the rugged glaciated peaks of the Endicott Mountains which make up the central Brooks Range. This includes Mt. Doonerak, which at 7,457 feet is one of the highest peaks in the range. A few cirque glaciers in the higher parts of the range are all that remains of the massive ice sheets which carved the present terrain. Broad glacial valleys, containing a few large lakes, alternate with steep ridges. In general the region south of the trunk of the Koyukuk River lies within the discontinuous permafrost zone while that to the north lies within the continuous permafrost zone (Maddren, 1913, p. 28; Ferrians, 1965; Wahrhaftig, 1965).

The lowland river valleys contain forests consisting of black and white spruce, poplar, and birch. Undergrowth consists mostly of alder, willow, and sphagnum moss. The low hills between stream drainages often contain a sparse growth of stunted black spruce and a sedge-tussock ground cover which makes travel difficult. Forest growth extends up the river valleys to a treeline between 2,000 and 3,000 feet in elevation. Aspen can be found on well-drained south-facing slopes in the upland valleys. Lichen and moss are the prevailing vegetation at altitudes above 4,000 feet (Maddren, 1913, p. 28; Ferrians, 1965; Wahrhaftig, 1965).

The Koyukuk Mining District is dominated by the continental climate zone of Alaska, characterized by warm summers and extremely cold winters, low precipitation, low cloudiness and low humidity (Johnson and Hartman, 1969, p. 60). Low temperatures for weather stations within the district average 11°F and highs average 30°F. The extremes are 93°F and -82°F. This low is an unofficial North American low temperature set at Coldfoot in 1989 (Mull and Adams, 1989, p. 79). Precipitation averages 13.6 inches

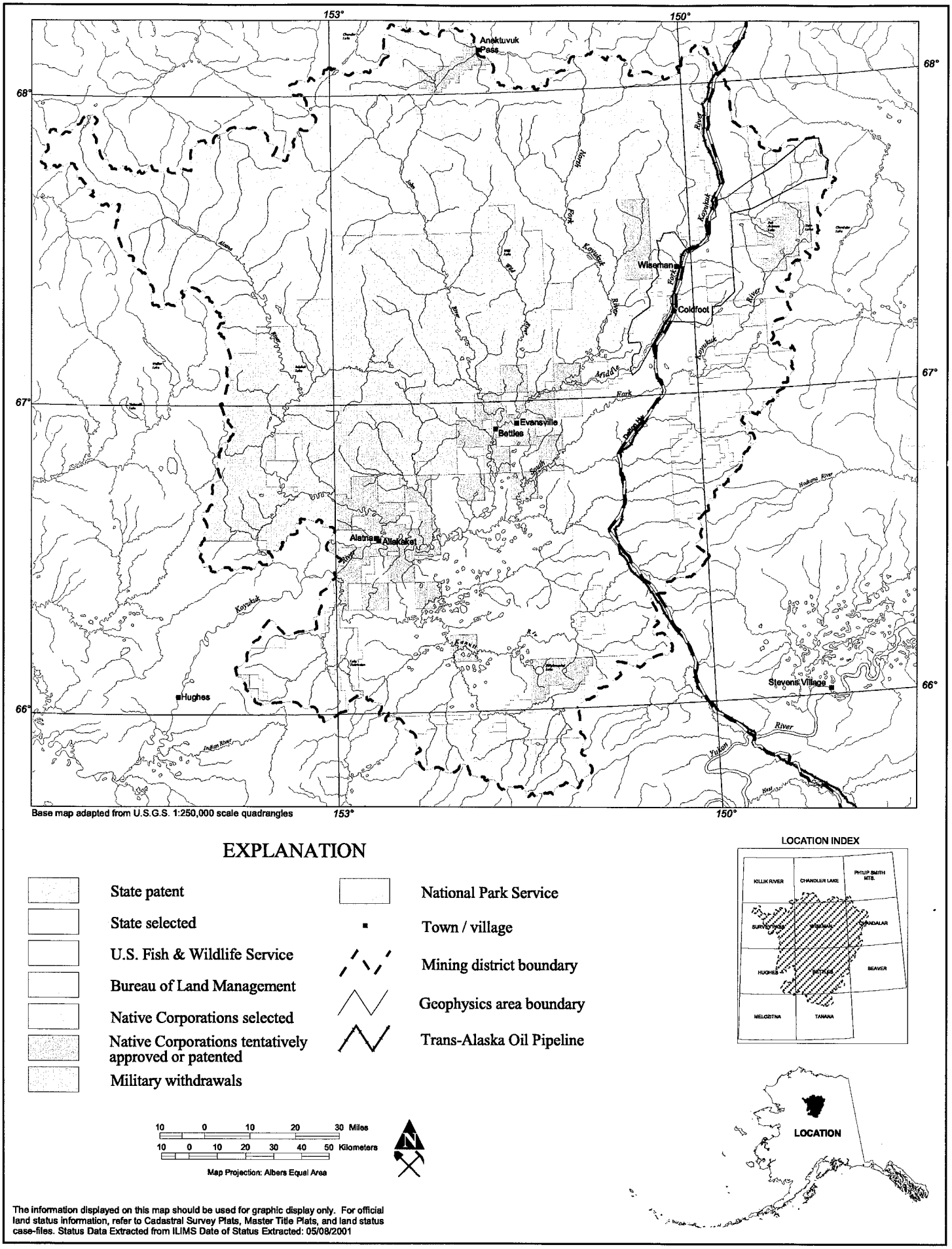


Figure 1. Location and land status map of the Koyukuk Mining District, Alaska.

with an average snowfall of 85.5 inches. Precipitation is usually lightest in April and heaviest in August (Leslie, 1986). Afternoon thunder and lightning storms with accompanying precipitation occur during summer months and fresh snow can coat the high peaks during any month of the year.

Wildlife inhabiting the area include grizzly and black bear, caribou, moose, Dall sheep, wolf, coyote, lynx, fox, wolverine, snowshoe hare, ptarmigan, and grouse. Several species of raptors, including golden eagles and hawks, nest in the area. Grayling are abundant in streams, while lake trout, northern pike, arctic char, whitefish, and burbot inhabit the deeper lakes. Sheefish migrate up the Koyukuk and into the Alatna River. Chum and King salmon are known to migrate up the Koyukuk River as far as Wiseman.

The Koyukuk Mining District is sparsely populated. Permanent settlements include three native villages: Anaktuvuk Pass (population 308), Allakaket (population 143), and Alatna (population 32). Bettles (population 48) is centrally located in the district and provides aircraft services and accommodation for travelers. This site is labeled Evansville on most maps. The original site of Bettles, located 6 miles down the Koyukuk River, has no residents. Wiseman (population 19) was originally established as a supply point for mining operations in the Nolan Creek-Hammond River area. Coldfoot (population 17) was also established to support nearby placer mines and still provides services to travelers. Both settlements are accessible from the Dalton Highway which follows the trans-Alaska oil pipeline. This road provides year-round access to the eastern portion of the district. Winter-only roads are used to haul supplies from the Dalton Highway to several mining sites, including Bettles and mining operations on the Wild River.

Land Status

The Koyukuk Mining District encompasses 11.6 million acres, 72% of which are under federal management (Plate 1). BLM lands are concentrated in the eastern portion of the district. These are generally open to mineral entry except those portions lying directly adjacent to the pipeline. Other federal lands include Gates of the Arctic National Park and the Kanuti Wildlife Refuge, both of which are closed to mineral entry. State land makes up 21% of the district and is generally open to mineral entry. The remaining 7% is held by Native regional and village corporations, and private parties. Doyon Ltd. owns the largest tracts of native land.

Previous Studies and Exploration

The first published account of exploration into the Koyukuk region of Alaska was made by Lieutenant H.T. Allen, who in the summer of 1885 made a remarkable 2,200 mile journey through Alaska. Allen and his party, under orders from the War Department, traversed up the Koyukuk River from the mouth of the Kanuti River and then up the John River to a point about five miles above its mouth. This exploration produced the first accurate map of the area (Allen, 1887). They were followed by a party commanded by Lieutenant G.M. Stoney (1900) of the U.S. Navy, which during the winter of 1885-86 crossed from the headwaters of the Kobuk River to the Alatna River in the northwest corner of the Koyukuk Mining District. The Alatna River was then ascended and the Brooks Range divide crossed to Chandler Lake.

The early military expeditions were followed by a period with little documented exploration in the Koyukuk region. This changed in 1899 with news of a major gold discovery on the upper Koyukuk River. This news prompted the federal government to send out U.S. Geological Survey (USGS) parties

to conduct systematic scientific explorations in the area. The first of these was led by geologist F.C. Schrader in 1899. Schrader was the first to describe the mineral resources of the area in some detail and documented his work with the first published photographs of mining operations in the Koyukuk (Schrader, 1900 and 1904). In 1901 another USGS party led by W.C. Mendenhall descended the Kanuti River to the Koyukuk. The party then ascended the Koyukuk and 80 miles up the Alatna River to Helpmejack Creek before crossing the divide and going down the Kobuk River. A.G. Maddren visited the district and made the first detailed descriptions of the placer gold operations - including production (Maddren, 1910 and 1913). A party under the direction of Philip Smith ascended the Alatna River to its headwaters in 1911. They then descended the Noatak River, describing the geology along the way (Smith, 1913). During the winter of 1924, a party led by Smith ascended the Alatna River, but focused the geologic work on rocks north of the Brooks Range divide (Smith and Mertie, 1930).

In the following years USGS geologists focused their fieldwork elsewhere and there was little documentation of activities in the Koyukuk. This changed in 1929 when Robert Marshall, a forester by profession, began a series of personal explorations into the headwaters of the Koyukuk. He visited many remote areas and contributed to the knowledge of the geography of the region by naming numerous features and publishing a sketch map of the area. He also described the cultural and socioeconomic aspects of life on the Koyukuk (Marshall 1933, 1934, and 1970). I.M. Reed, a mining engineer with the Territorial Department of Mines, visited the district briefly in 1929. He revisited the district in 1937 and made the most extensive examination on record of the Koyukuk placer mines (Reed, 1938).

In the early 1950s the USGS investigated radioactive mineral resources in the Koyukuk-Chandalar area. Placer concentrates at the Gold Bench Mine on the South Fork Koyukuk contained anomalous amounts of uranothorianite; however, no lode source was located within the district (White, 1952; White and others, 1952; Wedow and others, 1952; Wedow and others, 1953; Nelson and others, 1954; Freeman, 1956).

The USGS has conducted numerous geologic studies of oil and gas potential in the National Petroleum Reserve - Alaska (previously Naval Petroleum Reserve No. 4) located north of the Koyukuk Mining District. As an extension of those studies, geologic maps were made of the Chandalar (Brosge and Reiser, 1964), Hughes (Patton and Miller, 1966), Melozitna (Patton and others, 1978), and the Survey Pass quadrangles (Nelson and Grybeck, 1980).

In the early 1970s the BLM and the U.S. Bureau of Mines (BOM) conducted jointly funded mineral resource investigations along the proposed Trans-Alaska Pipeline Corridor (Thomas and others, 1972; Mulligan, 1974). The investigation included all resources within 10 miles of the (then) proposed route from Prudhoe Bay to Valdez. Previously undocumented podiform chromite and tin occurrences were found in the southeastern portion of the district adjacent to the Dalton Highway. The BOM then conducted critical and strategic metal investigations of these chromite and tin occurrences (Foley and McDermott, 1983a and 1983b; Warner, 1985; Barker and Foley, 1986; Barker, 1991). The completion of the Dalton Highway prompted the ADGGS, in conjunction with the USGS, to begin geologic studies of State selected lands adjacent to the road. This resulted in a series of State publications: Dillon and others (1980, 1981, 1986-89), Mosier and Lewis (1986), Bliss and others (1988), and Mull and Adams (1989).

In the 1970s and 1980s several national and state geochemical reconnaissance programs were initiated. Two of the largest programs were the Alaska Mineral Resource Assessment Program (AMRAP) and the National Uranium Resource Evaluation Hydrogeochemical and Stream Sediment Reconnaissance (NURE HSSR) programs. Also, regional geochemical studies were conducted by the USGS and the

ADGGS, including Brosge and Reiser (1970, 1972); Dillon, Moorman, and Cathrall (1981a, b); Dillon, Moorman, and Lueck (1981); Marsh and others (1978a and 1978b, 1979); and Patton and Miller (1973a). The most comprehensive source of the USGS geochemical reconnaissance data is the Rock Analysis Storage System (RASS) (Bailey and others, 2000).

Graduate theses and dissertations on the geology and mineral deposits of specific areas within the district include the following areas: Anaktuvuk Pass (Porter, 1962), Chandalar lode mines (Ashworth, 1983), Arrigetch Peaks (Adams, 1983a and 1983b), upper Bonanza Creek skarns (Clautice, 1987), Endicott Mountains (Gottschalk, 1987; Handschy, 1988), Sukakpak Mountain (Huber, 1988), and the Chandalar Copper Belt (Nicholson, 1990).

In order to facilitate investigations within the Koyukuk Mining District, the BLM helped fund two projects during the study. Support was given to a graduate student who investigated the geology and lode gold mineralization of the Nolan-Hammond River area (Eden, 2000). Funding was provided to the ADGGS to publish a geologic map of an area in the northeast portion of the district (Dillon and others, 1996).

Mining History and Production

The first reports of gold on the Koyukuk River go back to the period between 1885 and 1890, when minor discoveries were made at Tramway, Florence, and Hughes bars. The area did not receive major attention though until the discovery of significant amounts of gold near the confluence of Slate and Myrtle Creeks in 1899. News of this find and others on nearby Emma and Slate Creeks sparked a rush of up to 1,000 fortune seekers to the Koyukuk River and its tributaries. More discoveries followed as prospectors spread out across the countryside. Gold was found on the Hammond River in 1900 and on Nolan Creek in 1901. Other strikes occurred on Mascot, Gold, Linda, and Porcupine Creeks (Schrader, 1900, 1904; Maddren, 1910, 1913; Marshall, 1933).

The Koyukuk proved extremely remote, being noted in the early days as one of the most northerly mining districts in the world. It was also one of the most costly in which to operate. Initial efforts concentrated on shallow, easily mined placers. These were soon worked out and by 1904 production began to drop. Rumors of bonanzas on the John River in 1905 sent 400 prospectors in that direction and the Chandalar discoveries in 1906 funneled more gold seekers away from the Nolan-Hammond River area (figure 6). However, interest was renewed with the discovery of extremely rich buried channels more than 100 feet beneath the surface at Nolan in Creek in 1907. In a little over three months, it is reported that about 5,000 oz of gold was recovered and the following year it was estimated that nearly 250 people were working on the creek (Hill, 1909). The district's greatest production year came in 1909 when 20,230 oz of gold were recovered. The Nolan Creek drainage proved to be some of the richest ground in the district, yielding at least 159,000 oz of gold through 2000. A similar rich deep channel was struck beneath the Hammond River in 1912. During the following four years over 48,000 oz gold were produced, including a 138.8 oz nugget, reported to be the second largest in Alaska (Pringel, 1921; T.K. Bundtzen, written communication, 1999). The Nolan-Hammond area is still the center of mining activity in the district.

Gold was first mined in the central part of the district in 1904, following discoveries near Wild Lake and on Crevice Creek in the John River drainage. Interest in the area took a major jump in 1915 when 572 oz of gold were produced from Jay Creek (Pringel, 1921). Sporadic mining has continued to the present day, concentrated on Crevice, Lake, Jay, and Birch Creeks. Placer deposits on the Indian River in the

southwest corner of the district were producing gold by 1911. Discoveries followed on nearby Black and Utopia Creeks (Eakin, 1916, pp. 83-84). A dry-land dredge operated on upper Indian River and Black Creek into the early 1960s and a floating dredge worked nearly the entire length of Utopia Creek from about 1939 to 1950. The Indian River area has produced a minimum of 62,000 oz of placer gold.

Mechanized mining in the northern part of the district began in 1940, when a dragline started operating on Myrtle Creek. This resulted in a major jump in district production. Production dropped to a minimum in 1942 due to enactment of Public Law L208 which curtailed mining in the United States not related to the production of strategic metals. The only attempt at lode mining in the district took place the same year when about six tons of antimony ore were mined on Smith Creek. The material was never shipped out of the district. Placer production picked up after the war with Nolan Creek being the largest producer. Completion of the Dalton Highway in 1975 allowed road access to many of the placer mines along the Middle Fork Koyukuk River. This resulted in an increase in mining activity (Maddren, 1913; Marshall, 1933; Saunders, 1954; Cobb, 1973).

In 1994 Silverado Gold Mines Inc. was actively engaged in the district, recovering 8,024 oz of placer gold from a surface and underground operation on Nolan Creek. This operation recovered a 41.4 oz nugget from Nolan Creek which is unofficially the 10th largest in Alaska (Swainbank and others, 1995). In 1997 gold prices began a dramatic plunge, dropping over $100/oz by 1999. This severely effected the economics of mining in the district. In 1998 there were thirteen active operations with a minimum of 829 oz of gold produced. By 2000 production had dropped to a minimum of 480 oz with only five mines being active. District production over a period of 100 years totals at least 286,000 oz of placer gold.

During the Koyukuk assessment, placer mining took place on the Hammond River, Emma, Nolan, Gold, Porcupine, and Smith Creeks in the Wiseman area. In the central portion of the district mining took place on Jay Creek, a tourist-oriented mine on nearby Birch Creek, Lake Creek, and Prospect Creek. Underground drift mines operated on Nolan and Linda Creeks.

REGIONAL GEOLOGY

The Koyukuk Mining District is underlain by three main geologic terranes (figure 2). The oldest is the Ruby terrane which underlies the eastern margin of the district and makes up a portion of the Ruby Geanticline; a linear uplift of pre-Cretaceous rocks that diagonally cross central Alaska. The geanticline is composed of autochthonous Proterozoic(?) through late Paleozoic metasedimentary rocks consisting of miogeosynclinal pelitic schist, quartzite, greenstone, carbonate rocks, and quartzo-feldspathic gneiss. These rocks were metamorphosed in the Early Cretaceous to greenschist facies with areas of local almandine-amphibolite facies and glaucophane-bearing blueschist mineral assemblages. It is extensively intruded by mid-Cretaceous granitic plutons. The Ruby Geanticline may have been contiguous with the Arctic Alaska terrane to the north and possibly a portion of the southern Brooks Range that was rotated or displaced in Mesozoic time (Mull and Adams, 1989, p. 27).

The continentally derived Arctic Alaska terrane makes up the northern half of the district and underlies the central and eastern portions of the Brooks Range Province. It is composed of Proterozoic(?) through Mesozoic sedimentary, metasedimentary, and volcanic rocks, including an extensive carbonate sequence, confined mostly to the northern portion of the terrane. The carbonate sequence and associated volcanic rocks were intruded by Early to Middle Devonian premetamorphic granitic and mixed felsic-mafic intrusive complexes. These rocks host tin skarns in the Arrigetch Peaks and copper porphyries and skarns north of the Bettles River.

The oceanic upper Paleozoic-Mesozoic Angayucham terrane makes up the central portion and contains the youngest and least metamorphosed rocks in the district. The base of the terrane is composed of a Permian-Jurassic sequence of mafic and ultramafic volcanic and intrusive rocks consisting of pillow basalt, diabase, gabbro, and dunite with subordinate chert, limestone, and serpentinite. The igneous rocks, which are considered to be part of a dismembered ophiolite, locally contain small podiform chromite occurrences. This complex is unconformably overlain by Early and Late Cretaceous graywacke and igneous- and quartz-pebble conglomerate which filled the lower Koyukuk basin, leaving the igneous rocks exposed only on the basin margins. The Late Cretaceous sediments contain some coal beds. This terrane is likely the erosional remnants or klippen of allochthonous rocks that were obducted over rocks of the Arctic Alaska terrane in the late Mesozoic (Mull and Adams, 1989, p. 33).

During the Jurassic through Cretaceous Brooks Range orogeny, obduction of the younger Angayucham terrane onto the Arctic Alaska terrane resulted in imbricate thrusting, northward-verging folding, and tectonic-burial metamorphism in the latter. Metamorphism was most intense along the boundary of the Arctic Alaska terrane with the Angayucham terrane resulting in formation of a belt of schistose rocks along the south flank of the Brooks Range. There is a broad scale equivalence between this schist and the schist belt which hosts volcanogenic massive sulfide deposits in the Ambler district, 90 miles to the west (Mull and Adams, 1989, p. 161; Nicholson, 1990). These schistose rocks also comprise the bedrock which underlies some of the major placer gold-producing drainages in the district.

The Angayucham and adjoining Ruby terranes are intruded by a series of mid-Cretaceous granitic plutons which stitch together the boundary between the two (Mull and Adams, 1989, p. 158). In the upper Kanuti River area the granites host tin greisens (Barker and Foley, 1986). The granites are deeply eroded and the resulting alluvium in nearby drainages contains placer tin concentrations. The granitic rocks host tungsten skarns near the headwaters of Bonanza Creek (Clautice, 1987).

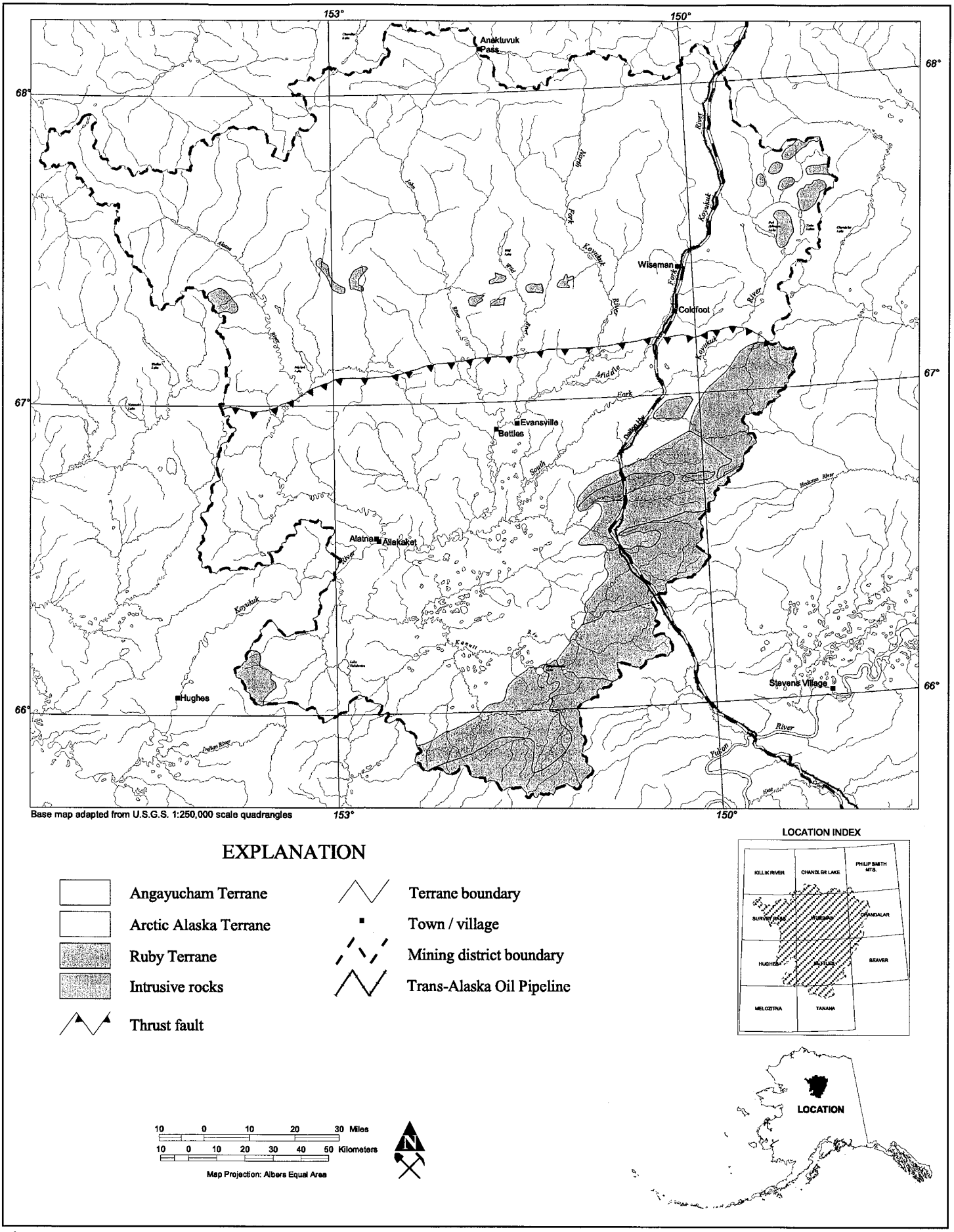


Figure 2. Tectonostratigraphic terranes and intrusive rocks in the Koyukuk Mining District (from Moore and others, 1994 and Beikman, 1980)

Cretaceous andesitic volcanic rocks and interbedded graywacke and mudstone are intruded by intermediate intrusive rocks near Indian Mountain in the southwestern corner of the district. Placer gold deposits in the area appear to be associated with hornfelsed rocks near intrusive contacts (Patton and Miller, 1966; Patton and others, 1978).

The northern portion of the Koyukuk Mining District has been affected by a series of at least four major glacial advances during the Tertiary and Quaternary periods which shaped the present landscape and played a significant role in formation of the district's placer deposits. The last advance ended about 10,000 years ago and cirque glaciers still exist in the highest portions of the Endicott Mountains (Mull and Adams, 1989).

BUREAU INVESTIGATIONS

A brief examination was made of the Koyukuk Mining District in 1994 when the Alaska mining district studies were administered by the BOM. After closure of that agency in 1996, this function was transferred to the BLM and work resumed on the project. Prior to beginning field work, an extensive bibliography on the geology and mineral resources of the district was assembled. Letters were sent to 181 claimants requesting permission to visit their properties and obtain any input they might have in regards to site-specific projects. A total of 207 days were spent doing field work in the district during the summers of 1997 to 2001.

Field investigations focused on documented mines, prospects, and mineral occurrences, followed by prospecting areas having anomalous geochemistry or geology similar to that of documented sites. At lode sites rock samples were collected and geologic mapping done in an effort to determine grade and extent of the mineralization. Placer deposits were evaluated by collection of stream sediment, pan concentrate, and/or placer samples.

Sampling Methods

A total of 2,098 samples were collected during the Koyukuk study. Sample types include rock, pan concentrate, stream sediment, placer concentrate, sluice concentrate, and soil samples.

Rock samples were between 3 to 4 pounds each. The samples consisted of fresh, altered, or mineralized rock pieces. Rock samples were collected from the following sites: **1)** outcrop - rock is in place; **2)** rubblecrop - rock fragments overlying bedrock which is not visible, but implied; **3)** float - loose rock fragments or cobbles not necessarily found near or overlying bedrock of the same composition.

Rock samples are of six types: 1) continuous chip - small rock fragments broken in a continuous line for a measured distance across an exposure; **2)** spaced chip - collected in a continuous line at designated intervals across an exposure; **3)** representative chip - sample volume collected in proportion to volumes of different rock types observed at a specific locality; **4)** random chip - collected at random points from an apparently homogenous mineralized exposure; **5)** grab sample - collected more or less at random from float or outcrop; and **6)** select sample - collected from the highest grade portion of a mineralized zone.

Coal samples were collected from channels cut a minimum of 1 foot into outcrops. The coal was stored in airtight bags to retain original moisture content during shipment.

Pan concentrate samples were collected at sites where heavy minerals might accumulate such as stream gradient changes from steep to moderate, the downstream side of boulders, and on bedrock. A heaping 14-inch gold pan of coarse gravel and sand was panned down to approximately 0.75 oz of fine concentrate, which was stored in sealed plastic bags for chemical analysis. The presence of heavy minerals in the concentrate such as gold, sulfides, magnetite, and garnet was noted in the field.

Stream sediment samples consisted of composites of silt and clay collected from the active portion of the stream bed. Approximately 8 oz of material were collected with a plastic trowel and stored in geochemical envelopes made of water resistant paper to allow water to drain from the sample.

Placer concentrate samples consist of 0.1 cubic yards of stream or bank material run through a 10- by 48-

inch sluice box and then panned down to produce approximately 2.5 oz of concentrate. Visible gold was recovered from the sample and weighed. Remaining concentrates were examined with microscope and ultraviolet lamp in order to determine mineralogy of the samples. The concentrates were then forwarded to the laboratory for geochemical analysis.

Sluice concentrate samples were collected mostly from active placer mines. They consisted of 1 to 2 pounds of black sands and other heavy minerals left after the removal of placer gold by miners. The amount of gravel washed to produce the concentrate was often unknown. These samples were collected in order to find potentially anomalous results of accessary minerals such as arsenic, antimony, bismuth, or tungsten. They were processed like placer samples; the visible gold was separated and weighed, metal contaminants (battery pieces, lead shot, and miscellaneous metal) were removed, and the concentrate was examined with microscope and ultraviolet lamp in order to determine mineralogy.

Soil samples were collected from the thin C horizon characteristic of Arctic soils with a stainless steel hand auger. The C horizon is the subsoil closest to bedrock and can contain small pieces of eroded bedrock. The samples were stored in paper geochemical envelopes. Soil samples were collected in areas of poor outcrop exposure.

All sampling equipment (shovels, plastic trowels, plastic gold pans, soil augers, rock hammers, and chisels) were rinsed with water regularly to limit the potential of cross-contamination of samples.

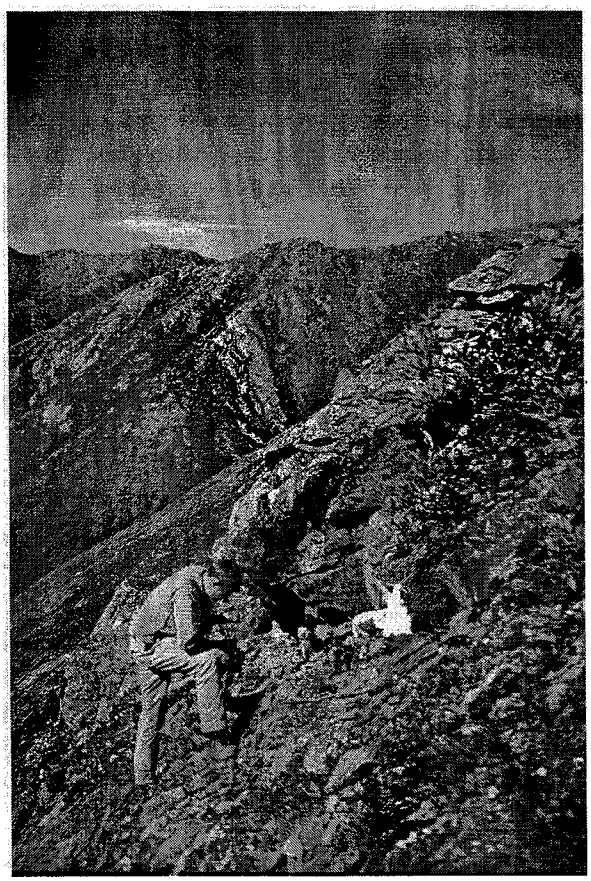


Figure 3. Sampling zinc-lead mineralization at the Frog prospect (map no. 38), Endicott Mountains.

Analytical Procedures

Rock, soil, and stream sediment samples were analyzed for a standard suite of 36 elements. Pan, placer, and sluice concentrates were also analyzed for platinum, palladium, and (when warranted) uranium and thorium. Analyses were conducted by Intertek Testing Services[4] of Vancouver, Canada. The results of these samples are presented in Appendix A. Pan concentrate and rock samples were dried and pulverized to minus 150 mesh. Stream sediment and soil samples were dried and sieved through to minus 80 mesh.

Gold was analyzed by a pre-concentration fire assay followed by either an atomic absorption (AA) finish or an induction couple plasma (ICP) atomic emission spectroscopy finish. Platinum and palladium were also analyzed by a pre-concentration fire assay followed by an ICP finish. The detection limits for gold, platinum, and palladium are illustrated in Table 1. Occasionally, a sample was analyzed for gold multiple times with erratic results. In such cases, the laboratory reported the averaged result. These averaged results are shown in bold in Appendix A.

The standard method for all other elements (except mercury) was ICP atomic emission spectroscopy. The samples were prepared by aqua regia digestion, which is a (3:1) HCl-HNO_3 solution. The analysis for mercury was accomplished by aqua regia digestion followed by cold vapor measurement. The minimum detection for mercury is 0.010 ppm. The minimum detection for the other elements tested are presented in Table 2.

Special analyses were needed when the upper limits of the ICP atomic emission spectroscopy were exceeded or when ICP was not the best method. Concentrations of gold and silver which exceeded the upper detection limit (>10,000 and >500 ppb, respectively) for the AA finish were re-analyzed by fire assay gravimetric methods. Elevated concentrations of antimony, bismuth, copper, iron, lead, and zinc were re-analyzed by multi acid digestion followed by atomic absorption. Barium, tin, tungsten, thorium, and uranium were analyzed by X-ray fluorescence. The detection limits (and methods) for these special runs are listed in Table 3.

In 1994, 56 samples were collected during a brief visit to the Koyukuk Mining District. They were analyzed by different analytical methods than the 1997-2001 samples. The methods and detection limits for the 1994 samples are presented in Table 4. The complete analyses for some of these samples were not received and the pulps were subsequently lost.

Three samples were submitted for whole rock analysis. The sample was fused with a lithium borate flux to create a disk for X-ray or further dissolved into solution for ICP. The whole rock results are presented in Appendix B.

The coal samples were analyzed by Commercial Testing & Engineering Company[5] of Lombard, Illinois. The results of the coal samples are presented in Appendix C. The moisture, ash, volatile, fixed carbon, and sulfur contents were measured according to American Society for Testing Materials specifications (ASTM-D-3302, -3174, -3175, -3172, -4239, respectively). The Btu/lb and coal classification were determined by specifications ASTM-D-3286 and ASTM-D-388-66, respectively.

[4] Mention of Intertek Testing Services does not signify BLM endorsement.
[5] Mention of Commercial Testing & Engineering Company does not signify BLM endorsement.

Table 1. Standard fire assay analysis for gold, platinum, and palladium.

Element symbol	Element name	Minimum detection	Finish method
Au	gold	5 ppb	atomic absorption
Au	gold	1 ppb	ICP
Pt	platinum	5 ppb	ICP
Pd	palladium	1 ppb	ICP

Table 2. Minimum detections for ICP - atomic emission analysis (standard run).

Element symbol	Element name	Minimum detection	Element symbol	Element name	Minimum detection
Ag	silver	0.2 ppm	Mo	molybdenum	1 ppm
Al	aluminum	0.01%	Na	sodium	0.01%
As	arsenic	5 ppm	Nb	niobium	1 ppm
Ba	barium	1 ppm	Ni	nickel	1 ppm
Bi	bismuth	5 ppm	Pb	lead	2 ppm
Ca	calcium	0.01%	Sb	antimony	5 ppm
Cd	cadmium	0.2 ppm	Sc	scandium	5 ppm
Co	cobalt	1 ppm	Sn	tin	20 pm
Cr	chromium	1 ppm	Sr	strontium	1 ppm
Cu	copper	1 ppm	Ta	tantalum	10 ppm
Fe	iron	0.01%	Te	tellurium	10 ppm
Ga	gallium	2 ppm	Ti	titanium	0.01%
K	potassium	0.01%	V	vanadium	1 ppm
La	lanthanum	1 ppm	W	tungsten	20 ppm
Li	lithium	1 ppm	Y	yttrium	1 ppm
Mg	magnesium	0.01%	Zn	zinc	1 ppm
Mn	manganese	1 ppm	Zr	zirconium	1 ppm

Table 3. Methods and minimum detection limits for special runs.

Element symbol	Element name	Analytical method	Minimum detection
Ag	silver	fire assay, gravimetric finish	0.7 ppm
Au	gold	fire assay, gravimetric finish	0.17 ppm
Ba	barium	atomic absorption	0.01%
Ba	barium	X-ray fluorescence	10 ppm
Bi	bismuth	atomic absorption low level assay	0.005%
Cu	copper	atomic absorption low level assay	0.01%
Fe	iron	atomic absorption low level assay	0.01%
Pb	lead	atomic absorption low level assay	0.01%
Sb	antimony	atomic absorption low level assay	0.01%
Sn	tin	X-ray fluorescence	4 ppm
Th	thorium	X-ray fluorescence	1 ppm
U	uranium	X-ray fluorescence	1 ppm
W	tungsten	X-ray fluorescence	4 ppm
Zn	zinc	atomic absorption low level assay	0.01%

Table 4. Analytical methods and detection limits by element for 1994 samples.

Element symbol	Element name	Analytical method	Minimum detection
Au	gold	neutron activation	5 ppb
Au	gold	fineness	0.10 ppt
Pt	platinum	fire assay - DCP	5 ppb
Pd	palladium	fire assay - DCP	1 ppb
Ag	silver	neutron activation	5 ppm
Ag	silver	fire assay	0.02 oz/ton
Cu	copper	atomic absorption	0.01%
Pb	lead	atomic absorption	0.01%
Zn	zinc	neutron activation	200 ppm
Mo	molybdenum	neutron activation	2 ppm
Ni	nickel	neutron activation	20 ppm
Co	cobalt	neutron activation	10 ppm
Cd	cadmium	neutron activation	10 ppm
As	arsenic	neutron activation	1 ppm
Sb	antimony	neutron activation	0.2 ppm
Sb	antimony (ore grade)	atomic absorption	0.01%
Hg	mercury	cold vapor AA	0.010 ppm
Fe	iron	neutron activation	0.5%
Te	tellurium	neutron activation	20 ppm
Ba	barium	neutron activation	100 ppm
Cr	chromium	neutron activation	50 ppm
Sn	tin	neutron activation	200 ppm
W	tungsten	neutron activation	2 ppm
La	lanthanum	neutron activation	5 ppm
Na	sodium	neutron activation	0.05%
Sc	scandium	neutron activation	0.5 ppm
Ta	tantalum	neutron activation	1 ppm
Zr	zirconium	neutron activation	500 ppm

Analytical Results

The analytical results from all samples collected by the BLM during the Koyukuk Mining District study are presented in Appendices A, B, and C. The sample sites are presented in Plate 1 and Figures 4-10. The results for rock, stream sediment, pan, placer, and sluice concentrate samples are presented in Appendix A. The results for whole rock analyses and coal samples are presented in Appendix B and C, respectively.

A list of the most significant results is presented in Table 5. The table is not intended to include all the anomalous results from the district study. Instead it is intended to highlight sites not previously published or highlight new data from previously documented sites. For example, reconnaissance pan concentrate samples over 100 ppb were considered significant. Gold values exceeding 700 ppb in rock samples collected at sites with no prior gold anomalies were also deemed significant.

Table 5. Significant sites identified during the Koyukuk Mining District study.

Location	Map no.	Page no.	Figure no.	Significant results
Sentinel Rock tributary	143	A-25	Figure 4	up to 8.01 ppm gold in pan concentrate samples
Chicken Creek	192	A-34	Plate 1	two pans with visible gold, averaging 11.67 ppm gold
Swede Creek	211	A-37	Plate 1	194 ppb gold in pan concentrate sample
Little Swede Creek	252	A-43	Plate 1	2,035 ppb gold in pan concentrate sample
Hammond River bench	272	A-46	Figure 6	fine gold found in several samples, on elevated bench
Friday the 13th Pup	289-292	A-49	Figure 6	visible gold in quartz samples, up to 63.56 ppm gold
The Fortress	377	A-67	Figure 6	8,301 ppb gold in 2-inch-wide quartz vein sample
Hurricane-Dianne	467	A-79	Figure 7	1,299 ppb gold in calc-silicate rock samples
Ginger	475	A-79	Figure 7	1,201 ppb gold in calc-silicate rock samples
Peak 5274 (Victor)	503	A-82	Figure 7	1,093 ppb gold in skarn rock samples
Evelyn Lee prospect	530	A-88	Figure 7	up to 1,896 ppb gold in skarn rock samples
Horace Mountain	536-537	A-88	Figure 7	Au, Ag, Cu, Pb, Zn anomalies in rock samples
Cindy occurrence	546	A-88	Plate 1	1,438 ppb gold and 91.3 silver in rock sample
Jim River tributary	731	A-130	Plate 1	514 ppb gold in pan concentrate sample
Kanuti Kilolitna River	790	A-142	Plate 1	710 ppb gold in pan concentrate sample
Black Creek	860	A-151	Plate 1	717 ppb gold and 4.3 ppm silver in diorite rock sample
Indian River tributary	912	A-160	Plate 1	8,290 ppb Au and 1,771 ppm Pb in rock sample
Hill 1342	913	A-160	Plate 1	up to 21.12 ppm Au and 21.6 ppm Ag in rock samples

Other anomalous results were obtained from gold-bearing quartz veins, polymetallic skarns, lead-zinc massive sulfides, tungsten skarns, tin greisens, tin skarns, podiform chromite, and coal.

Gold-bearing quartz veins containing variable amounts of antimony were found throughout the northeastern portion of the district. The most notable site is Sukakpak Mountain (map nos. 598-600). One continuous chip sample from a 1.5-foot-wide quartz-stibnite vein contained 163.23 ppm gold (map no. 599, sample 12396). Additional sites with anomalous gold results include Friday the 13th Pup (map nos. 289-292) and the Fortress (map no. 377) near Nolan Creek.

The Chandalar Copper Belt (figure 7) belt trends northeast and is approximately 15 miles long. The belt contains numerous silver-copper-lead-zinc occurrences in skarn and calc-silicate rock. Rock samples collected at Luna (map nos. 462-464), Hurricane-Diane (map no. 467), Ginger (map no. 475), Victor

(map no. 503), Evelyn Lee Prospect (map no. 530), and Cindy (map no. 546) all contained anomalous gold results.

In the northwestern portion of the district, massive sulfide occurrences are associated with the contact between Devonian carbonate and schist units. Samples collected from Frog Prospect (map no. 38), Ann Group (map no. 43), Buzz Prospect (map no. 44), and ABO Prospect (map no. 45) all contained anomalous silver-lead-zinc results. One select schist sample from the Ann Group contained 8.23 oz/ton silver, 11.24% lead, and 6.11% zinc (sample 11028).

The highest silver-lead values were from samples collected on lower Michigan Creek (map nos. 189-190). Galena was found in quartz-carbonate veins of variable widths. One select sample of quartz vein contained 2.63 oz/ton silver and 4.35% lead (map no. 189, sample 8009).

The highest tungsten results were obtained from skarns at the Bonanza Prospect (map no. 754). Three skarn samples from a trench averaged 0.70% tungsten. Other lode sites with anomalous tungsten results include the Frog Prospect (map no. 38, 642 ppm), Luna Prospect (map no. 568, 568 ppm) , and the Beef claims (map no. 755, 521 ppm).

Anomalous tin results were obtained from skarn and greisen veins near the Arrigetch Peaks (map nos. 23-25) and the Sithylemenkat pluton (map no. 770). Samples of skarn collected near the Arrigetch Peaks contained up to 7,269 ppm tin (map no. 23, sample 10827). Greisen samples collected from the Sithylemenkat pluton contained up to 1900 ppm tin (sample 8003).

Podiform chromite occurs intermittently along a 62-mile-long, northeasterly trending exposure of Permian-Jurassic mafic and ultramafic rocks in the Kanuti River basin (map nos. 759-768 and 789-806). Select samples of chromite-serpentine-bearing dunite contained up to 28.80% chromium (map no. 789, sample 11472).

Coal samples were collected at sites near Tramway Bar (map nos. 690-691) on the Middle Fork Koyukuk River. Three continuous chip samples averaged 9.03% moisture, 27.61% ash, 28.39% volatiles, 34.97% fixed carbon, 0.22% sulfur, and 8037 Btu/lb. The Tramway Bar coal is bituminous in quality. The low sulfur content is typical of Alaskan coals, but the high ash content places it in the unclean category.

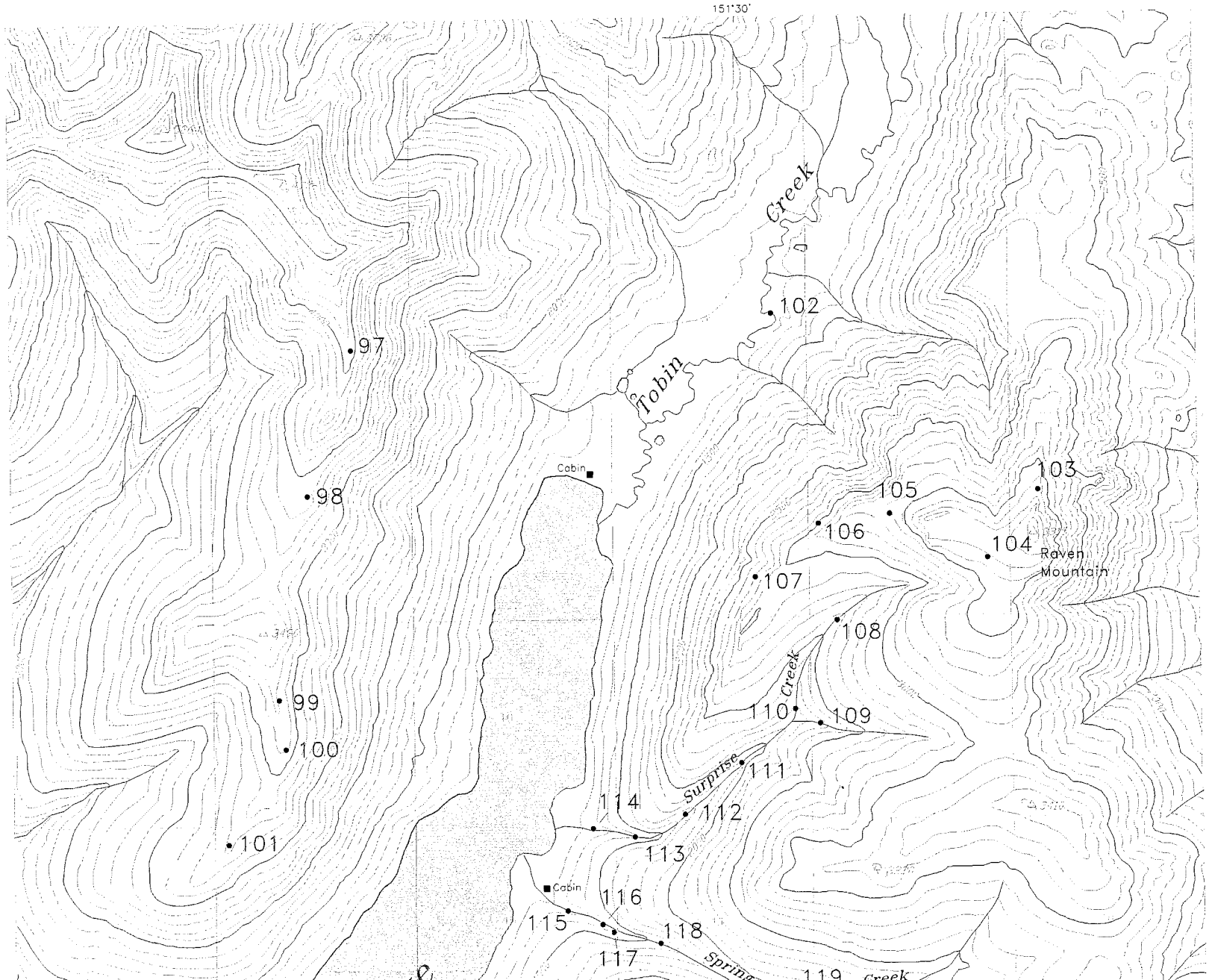
Detailed summaries of investigations at these mines, prospects, and mineral occurrences as well as a detailed regional summary of results will be discussed in a separate BLM technical report.

SUMMARY

A total of 2,098 rock, soil, stream sediment, pan concentrate, and placer samples were collected during the Koyukuk Mining District study. Sites included gold placers, gold-bearing quartz veins, polymetallic skarns, lead-zinc massive sulfides, tungsten skarns, tin greisens, tin skarns, podiform chromite, and coal. The most significant results consist of gold anomalies in samples collected from placers, quartz veins, skarn, and meta-intrusive rocks.

Placer gold was found at numerous historically documented sites, including Mascot Creek, Nolan Creek, and Black Creek. Undeveloped sites containing anomalous gold include Sentinel Rock (map no. 143), Chicken Creek (map no. 192), Swede Creek (map no. 211), Little Swede Creek (map no. 252), Hammond River bench (map no. 272), Jim River headwaters (map no. 731), and Kanuti Kilolitna River (map no. 790).

Lode gold was detected at several sites, including quartz veins at Friday the 13th Pup (map nos. 289-292); skarn and calc-silicate rock within the Chandalar Copper Belt (map nos. 467, 475, 503, and 546); metamorphosed intrusive rock at Horace Mountain (map nos. 536-537); intrusive rock at Black Creek (map no. 860); and siliceous volcanic rock samples collected near Indian River (map nos. 912-913).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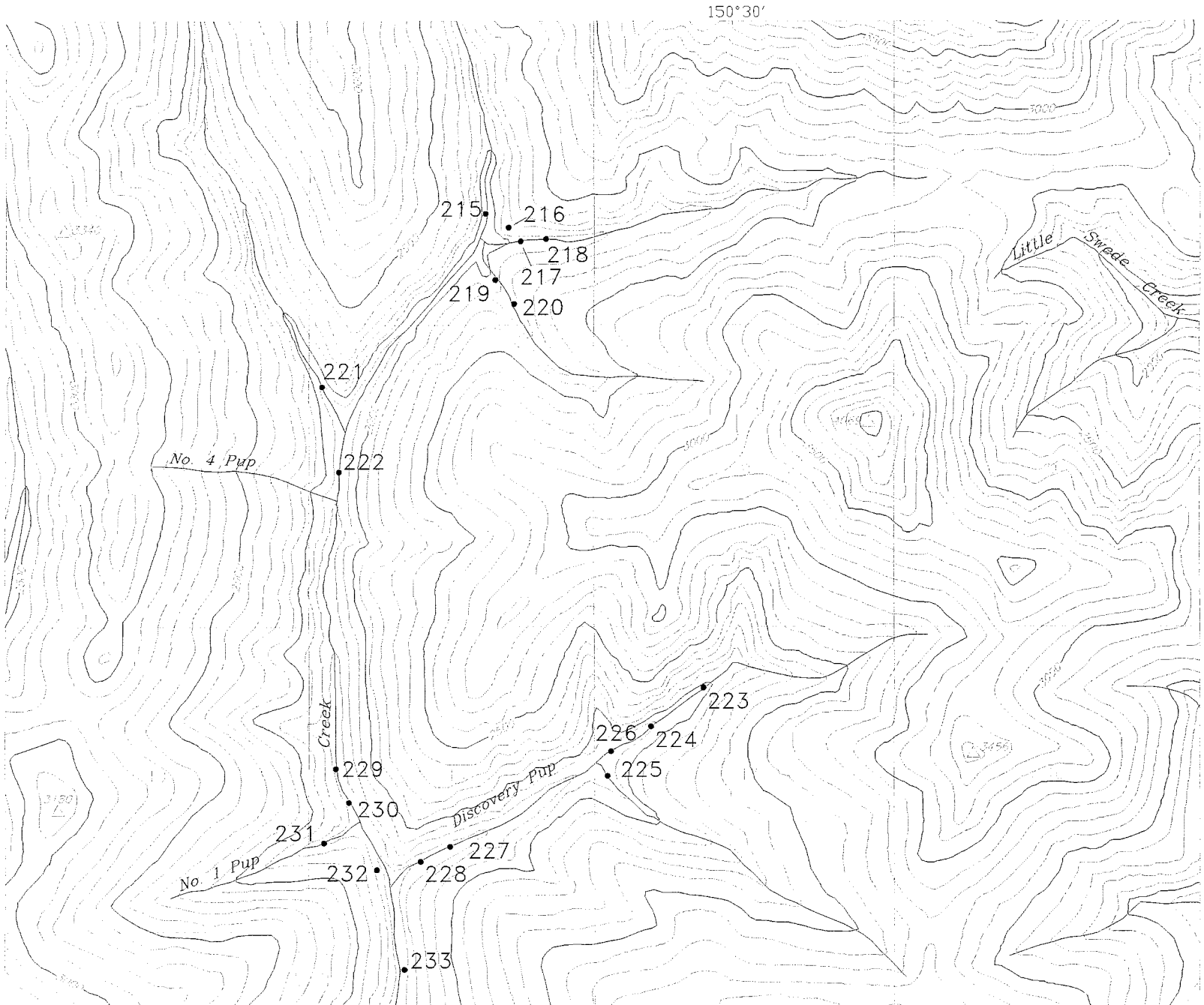
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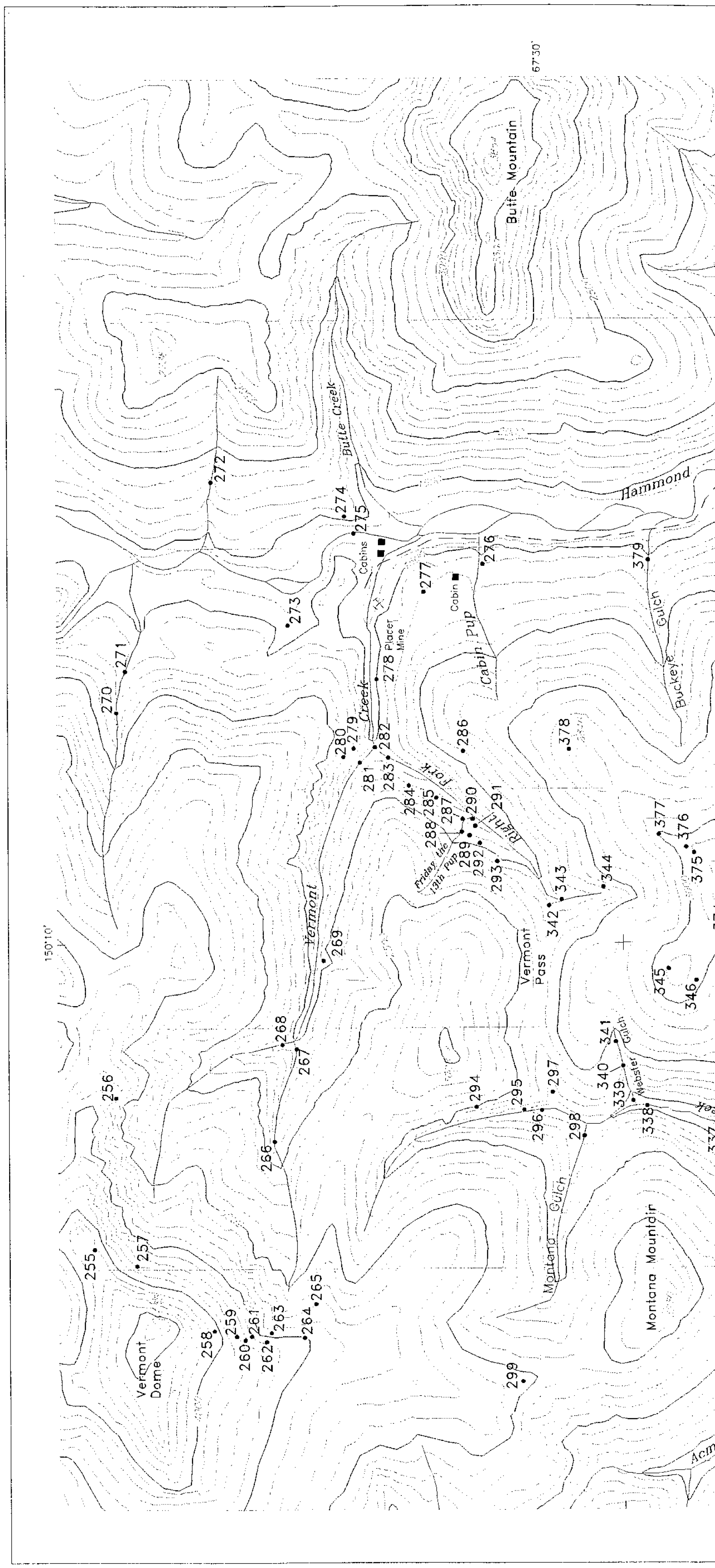
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Vermont Dome
Montana Gulch
Montana Mountain
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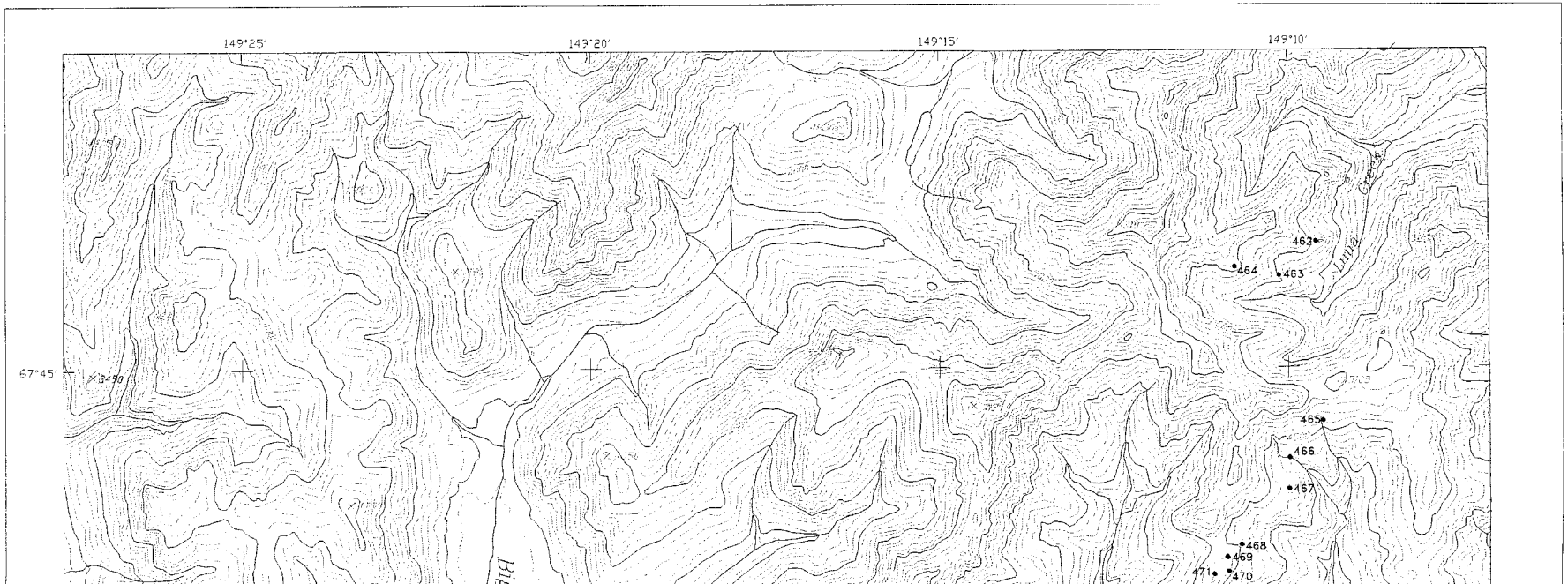
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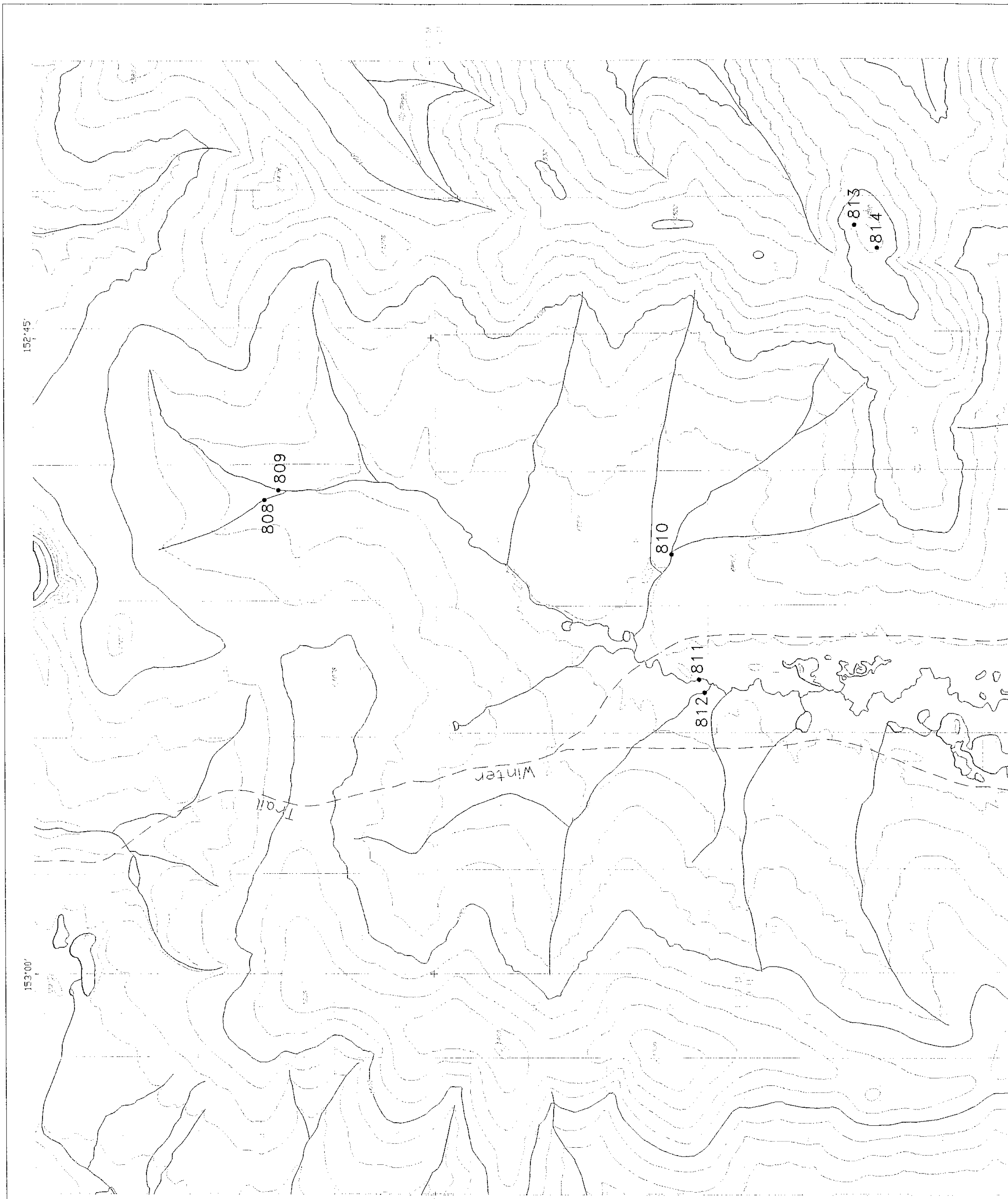
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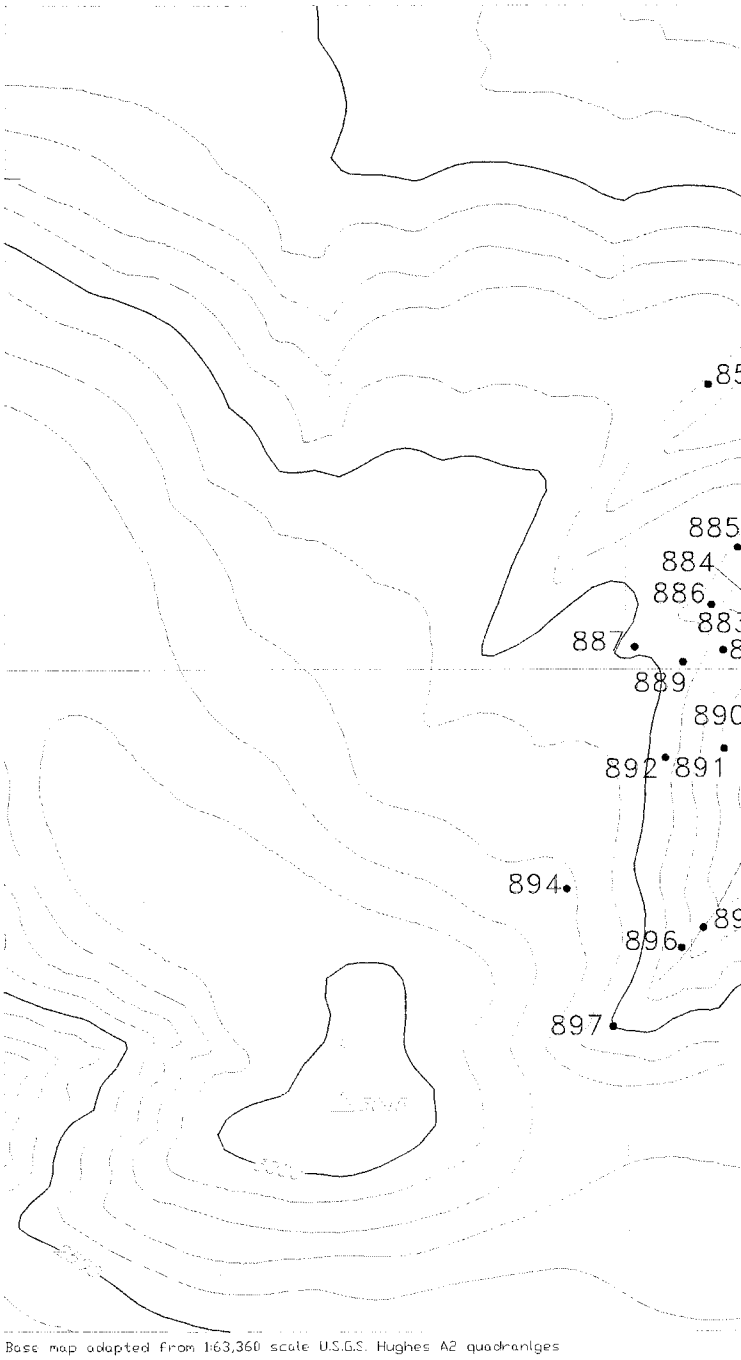
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Base map adapted from 1:63,360 scale U.S.G.S. Hughes A2 quadranges

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Scale

Contour interval 100 feet

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Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Sample site	
core	drill core
drum	55 gallon drum
dump	mine dump
flt	float
otc	outcrop
rub	rubblecrop
tail	mine tailings
trn	trench

Sample type	
cont	continuous chip
grab	grab sample
pan	pan concentrate
plac	placer concentrate
rand	random chip
rep	representative chip
sed	sediment sample
sel	select
slu	sluice concentrate
soil	soil sample
spac	spaced chip

Sample description	
abu	abundant
alt	altered, alteration
amph	amphibole
ank	ankerite
apy	arsenopyrite
az	azurite
ba	barite
bio	biotite
blk	black
bn	bornite
box	boxwork texture
brn	brown
ca	calcite
calc	calcareous
carb	carbonate
cc	chalcocite
cgl	conglomerate
ch	chlorite
chm	chromite
comp	composite
cpy	chalcopyrite
cst	cassiterite
cv	covellite
diss	disseminated
ep	epidote
feld	feldspar
ft	foot (12 inches)
fuch	fuchsite
gar	garnet
gd	granodiorite
gn	galena
gwy	graywacke
hbl	hornblende
hem	hematite
hfls	hornfels
hydro	hydrothermal
in	inch
intr	intrusive
lim	limonite
ls	limestone

Sample description	
mag	magnetite
mal	malachite
mar	marcasite
mdst	mudstone
meta	metamorphic
MnO	manganese oxide
mod	moderate
monz	monzonite
musc	muscovite
oz/cyd	ounces per cubic yard
oz/t	ounces per ton
pct	percent
po	pyrrhotite
porph	porphyry
ppb	parts per billion
ppm	parts per million
psuedo	psuedomorph
py	pyrite
qtz	quartzite
qz	quartz
sch	scheelite
sco	scorodite
ser	sericite
serp	serpentinized
sid	siderite
silic	siliceous
sl	sphalerite
slts	siltstone
ss	sandstone
stb	stibnite
tet	tetrahedrite
tm	tourmaline
tr	trace
v	very
val	valentinite
vlets	veinlets
volc	volcanic
w/	with
xcut	crosscutting
xln	crystalline
xls	crystals

Elements	
Ag	silver
Al	aluminum
As	arsenic
Au	gold
Ba	barium
Bi	bismuth
Ca	calcium
Cd	cadmium
Co	cobalt
Cr	chromium
Cu	copper
Fe	iron
Ga	gallium
Hg	mercury
K	potassium
La	lanthanum
Li	lithium
Mg	magnesium
Mn	manganese
Mo	molybdenum
Na	sodium
Nb	niobium
Ni	nickel
Pb	lead
Pd	palladium
Pt	platinum
Sb	antimony
Sc	scandium
Sn	tin
Sr	strontium
Ta	tantalum
Te	tellurium
Th	thorium
Ti	titanium
U	uranium
V	vanadium
W	tungsten
Y	yttrium
Zn	zinc
Zr	zirconium

Placer gold: size classification

v. fine	< 0.5 mm
fine	0.5 - 1.0 mm
coarse	1 -2 mm
v. coarse	> 2 mm

Abbreviations:

Ck	creek
confl	confluence
Mtn	mountain
R	river
Sec	Section
Town	Township
trib	tributary

Footnotes:

Bold numbers indicate multiple erratic results, which were averaged.

Results for Au are reported in ppb unless other units are stated.

Coordinates use 1927 North American Datum. Subject to 328 feet accuracy.

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
1	11459	68.08192	150.74444	Grizzly Ck		sed		Chandler Lake A-2	SE 4	16S	6E	Umiat
1	11460	68.08192	150.74444	Grizzly Ck		pan	no mag, no vis Au	Chandler Lake A-2	SE 4	16S	6E	Umiat
1	11461	68.08192	150.74444	Grizzly Ck	flt	sel	hfls w/ qz vlets, tr sulfides, lim	Chandler Lake A-2	SE 4	16S	6E	Umiat
2	11464	68.00933	150.04172	Union Ck		sed		Chandler Lake A-1	NE 4	17S	9E	Umiat
2	11465	68.00933	150.04172	Union Ck		pan	no mag, no vis Au	Chandler Lake A-1	NE 4	17S	9E	Umiat
2	11488	68.00933	150.04172	Union Ck	flt	sel	vein qz w/ <1% diss py, ca, lim	Chandler Lake A-1	NE 4	17S	9E	Umiat
3	11462	67.98323	149.93536	Kuyuktuvuk Ck		sed		Chandalar D-6	SE 31	37N	10W	Fairbanks
3	11463	67.98323	149.93536	Kuyuktuvuk Ck		pan	no mag, no vis Au	Chandalar D-6	SE 31	37N	10W	Fairbanks
4	8051	67.95958	149.91900	Kuyuktuvuk Ck	flt	grab	felsic volc qz vein w/ py, mal	Chandalar D-6	NE 12	36N	11W	Fairbanks
5	8052	67.94345	150.00372	Trembley Ck	rub	grab	carbonaceous paper shale	Wiseman D-1	E 15	35N	11W	Fairbanks
6	11508	67.93282	149.90060	Trembley Ck		sed		Chandalar D-6	NE 19	36N	10W	Fairbanks
6	11509	67.93282	149.90060	Trembley Ck		pan	no mag	Chandalar D-6	NE 19	36N	10W	Fairbanks
7	12550	67.93544	149.79717	Nutiriwik Ck		sed		Chandalar D-6	N 22	36N	10W	Fairbanks
7	12551	67.93544	149.79717	Nutiriwik Ck		pan	tr mag	Chandalar D-6	N 22	36N	10W	Fairbanks
8	11640	67.94514	149.65103	Nutirwik Ck trib		sed		Chandalar D-6	NW 17	36N	9W	Fairbanks
8	11641	67.94514	149.65103	Nutirwik Ck trib		pan	6 py cubes (<2mm), no mag	Chandalar D-6	NW 17	36N	9W	Fairbanks
8	11642	67.94514	149.65103	Nutirwik Ck trib	flt	sel	qz mica schist w/ <3% diss py	Chandalar D-6	NW 17	36N	9W	Fairbanks
8	11643	67.94545	149.65463	Nutirwik Ck		sed		Chandalar D-6	NE 18	36N	9W	Fairbanks
8	11644	67.94545	149.65463	Nutirwik Ck		pan		Chandalar D-6	NE 18	36N	9W	Fairbanks
9	12552	67.84543	149.80705	Unnamed Ck		sed		Chandalar D-6	N 28	35N	10W	Fairbanks
9	12553	67.84543	149.80705	Unnamed Ck		pan		Chandalar D-6	N 28	35N	10W	Fairbanks
10	8053	67.86335	149.95298	Big Jim Ck	rub	grab	qz vein w/ lim	Chandalar D-6	NW 13	35N	11W	Fairbanks
10	8054	67.86335	149.95298	Big Jim Ck	otc	sel	qz vein w/ <1% cpy, tr gn	Chandalar D-6	NW 13	35N	11W	Fairbanks
11	11501	67.90885	150.45617	Amawk Ck	otc	sel	1-ft-wide qz-carb vein w/ gn, ank	Wiseman D-1	SE 27	36N	13W	Fairbanks
11	11502	67.91034	150.45588	Amawk Ck	flt	sel	qz w/ tr gn, cpy(?), ank	Wiseman D-1	SE 27	36N	13W	Fairbanks
11	11503	67.90860	150.45361	Amawk Ck	flt	sel	greenstone(?) w/ cpy, mal, az	Wiseman D-1	SE 27	36N	13W	Fairbanks
11	11504	67.90724	150.45378	Amawk Ck	otc	sel	bedded mdst w/ py stringers, lim	Wiseman D-1	NE 34	36N	13W	Fairbanks
11	11505	67.90724	150.45378	Amawk Ck	flt	sel	bedded mdst w/ py stringers	Wiseman D-1	NE 34	36N	13W	Fairbanks
11	11506	67.90900	150.44780	Amawk Ck		sed		Wiseman D-1	SE 27	36N	13W	Fairbanks
11	11507	67.90900	150.44780	Amawk Ck		pan	no mag	Wiseman D-1	SE 27	36N	13W	Fairbanks
12	10808	67.81132	152.03312	Allen R		sed		Wiseman D-5	SW 35	35N	20W	Fairbanks
12	10809	67.81132	152.03312	Allen R		pan	one fine Au(?), no mag	Wiseman D-5	SW 35	35N	20W	Fairbanks
13	10810	67.80612	152.04200	Allen R		pan		Wiseman D-5	NW 2	34N	20W	Fairbanks
13	10811	67.80612	152.04200	Allen R		pan		Wiseman D-5	NW 2	34N	20W	Fairbanks
14	10776	67.79243	152.35218	John R trib		sed		Wiseman D-5	NE 8	34N	21W	Fairbanks
14	10777	67.79243	152.35218	John R trib		pan	tr py, no mag, no vis Au	Wiseman D-5	NE 8	34N	21W	Fairbanks
14	10778	67.79290	152.35580	John R trib	flt	sel	massive qz w/ tr gn and cpy	Wiseman D-5	NE 8	34N	21W	Fairbanks
15	10779	67.84745	152.61727	Hunt Fork John R	flt	sel	phyllite w/ tr cpy	Wiseman D-6	NE 19	35N	22W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
1	11459		sed	<5			<0.2	25	16	104	<1	39	12	0.3	<5	12	<5	0.044	3.38	497	<10	74
1	11460		pan	6	<5	<1	<0.2	35	16	127	2	48	15	0.4	<5	10	<5	0.045	4.78	617	<10	246
1	11461	flt	sel	<5			<0.2	10	18	68	<1	13	6	0.6	<5	<5	<5	0.015	>10.00	9095	12	80
2	11464		sed	<5			<0.2	47	16	100	<1	53	19	0.2	<5	8	<5	0.169	4.30	767	<10	33
2	11465		pan	<5	<5	2	<0.2	50	18	105	2	56	21	0.3	<5	7	<5	0.099	4.84	654	<10	148
2	11488	flt	sel	<5			<0.2	17	54	167	<1	53	20	0.6	<5	8	<5	0.075	>10.00	2233	<10	16
3	11462		sed	<5			<0.2	44	19	108	<1	46	17	<0.2	<5	<5	<5	0.065	4.56	687	<10	24
3	11463		pan	11	<5	1	<0.2	50	24	115	<1	50	20	0.3	<5	7	<5	0.063	5.15	695	<10	197
4	8051	flt	grab	<5			<5			<200	3	<20	<10	<10		8	15.0		1.7		<20	1400
5	8052	rub	grab	<5			<5			<200	<2	48	14	<10		72	8.2		3.9		<20	580
6	11508		sed	<5			<0.2	42	14	490	3	51	15	2.4	<5	11	<5	0.099	3.03	800	<10	51
6	11509		pan	12	<5	1	<0.2	45	13	265	6	43	11	1.5	<5	12	<5	0.075	3.46	557	<10	467
7	12550		sed	<5			<0.2	33	10	86	3	30	12	<0.2	<5	17	<5	0.095	3.04	546	<10	79
7	12551		pan	8	<5	10	<0.2	74	25	185	3	54	15	<0.2	<5	12	<5	2.919	4.42	488	<10	185
8	11640		sed	<5			1.0	15	7	32	1	13	6	<0.2	<5	17	<5	0.068	1.63	275	<10	92
8	11641		pan	3	6	3	0.3	33	7	50	2	20	7	0.5	<5	28	17	0.147	2.80	349	<10	381
8	11642	flt	sel	17			1.1	55	16	148	29	58	8	1.8	<5	50	13	0.462	3.00	86	<10	43
8	11643		sed	6			0.5	37	7	68	2	28	11	0.3	<5	17	<5	0.061	3.21	485	<10	96
8	11644		pan	1	<5	3	<0.2	68	12	130	2	25	13	0.6	<5	22	<5	0.150	4.22	463	<10	155
9	12552		sed	<5			<0.2	28	10	71	1	30	14	<0.2	<5	14	<5	0.425	3.59	777	<10	122
9	12553		pan	8	<5	5	<0.2	124	11	121	<1	70	24	<0.2	<5	7	<5	0.466	5.37	650	<10	166
10	8053	rub	grab	<5			<5			<200	2	<20	<10	<10		5	12.0		1.0		<20	<100
10	8054	otc	sel	<5			<5	0.36%		<200	6	<20	<10	<10		4	16.0		1.2		<20	<100
11	11501	otc	sel	<5			<0.2	7	55	15	1	19	4	<0.2	<5	<5	<5	0.022	2.82	1751	<10	8
11	11502	flt	sel	<5			<0.2	32	62	26	2	35	6	<0.2	<5	<5	<5	0.018	1.85	490	<10	14
11	11503	flt	sel	<5			0.4	824	9	130	4	24	11	1.0	<5	17	<5	0.062	5.62	334	<10	43
11	11504	otc	sel	<5			0.3	219	6	139	4	22	10	1.0	<5	10	<5	0.070	4.64	611	<10	34
11	11505	flt	sel	8			0.3	216	8	75	1	13	6	0.3	<5	11	<5	0.042	6.71	243	<10	44
11	11506		sed	<5			0.2	115	40	422	5	107	34	4.4	<5	31	9	0.282	5.70	1549	<10	64
11	11507		pan	<5	<5	<1	<0.2	65	17	244	3	107	30	3.0	<5	12	<5	0.632	5.64	1044	<10	196
12	10808		sed	<5			<0.2	47	29	130	<1	51	21	<0.2	<5	7	<5	0.104	5.52	592	<10	50
12	10809		pan	18	<5	<1	<0.2	65	48	137	<1	52	20	0.4	<5	9	<5	0.098	5.67	612	<10	689
13	10810		pan	24	<5	<1	<0.2	120	49	127	<1	56	20	<0.2	<5	8	<5	0.076	5.65	566	<10	519
13	10811		pan	18	<5	<1	<0.2	70	28	132	<1	56	19	0.3	<5	7	<5	0.092	5.67	575	<10	289
14	10776		sed	8			<0.2	52	16	143	<1	46	18	<0.2	<5	7	<5	0.081	5.53	648	<10	26
14	10777		pan	18	<5	<1	<0.2	85	44	184	<1	49	19	0.4	<5	9	<5	0.394	6.45	731	<10	193
14	10778	flt	sel	<5			<0.2	19	59	34	2	15	4	<0.2	<5	<5	<5	<0.010	1.72	807	<10	9
15	10779	flt	sel	<5			<0.2	26	16	26	<1	12	4	0.4	<5	<5	<5	0.201	1.83	770	<10	10

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
1	11459		sed	23	23	<20	<20	4	1.16	1.97	7.12	0.02	0.10	109	9	4	19	<1	<5	<10	<0.01	2		
1	11460		pan	65	51	<20	<20	5	4.94	1.39	5.79	0.08	0.60	127	11	9	63	2	7	<10	<0.01	<1		
1	11461	flt	sel	15	29	<20	<20	6	0.71	1.11	1.60	0.03	0.07	107	19	10	12	<1	<5	<10	<0.01	<1		
2	11464		sed	22	20	<20	<20	4	1.24	0.61	0.27	<0.01	0.05	17	7	5	22	<1	<5	<10	<0.01	3		
2	11465		pan	89	46	<20	<20	4	4.74	0.83	0.23	0.14	0.58	35	8	10	40	2	7	<10	<0.01	4		
2	11488	flt	sel	31	29	<20	<20	2	1.43	2.90	7.94	0.01	0.05	149	12	7	36	<1	5	<10	<0.01	1		
3	11462		sed	25	21	<20	<20	2	1.66	0.81	0.26	<0.01	0.04	20	4	6	34	<1	<5	<10	<0.01	3		
3	11463		pan	100	42	<20	<20	3	4.92	0.88	0.21	0.15	0.57	37	5	10	48	1	5	<10	<0.01	4		
4	8051	flt	grab	290		<200	<2	13				0.13							2.3	<1		<500	1.0	3.2
5	8052	rub	grab	160		<200	3	36				0.15							19.0	<1		<500	5.7	13.0
6	11508		sed	17	19	<20	<20	10	1.12	1.49	4.00	<0.01	0.08	76	7	4	24	<1	<5	<10	<0.01	2		
6	11509		pan	128	72	<20	<20	12	3.60	1.11	4.17	0.07	0.66	109	7	7	40	5	<5	<10	<0.01	3		
7	12550		sed	20	21	<20	<20	2	0.97	0.80	>10.00	<0.01	0.04	231	6	<2	18	1	<5	<10	<0.010	1		
7	12551		pan	67	29	<20	<20	11	2.58	3.32	6.95	0.02	0.54	189	7	<2	58	3	<5	<10	<0.010	<1		
8	11640		sed	7	11	<20	<20	2	0.41	0.34	>10.00	<0.01	0.02	200	3	<2	6	<1	<5	<10	<0.01	1		
8	11641		pan	36	22	<20	<20	3	0.91	0.44	>10.00	0.03	0.15	220	3	3	10	<1	<5	<10	<0.01	2		
8	11642	flt	sel	97	52	<20	<20	3	0.36	0.10	0.49	<0.01	0.18	21	6	<2	3	4	<5	<10	<0.01	7		
8	11643		sed	18	22	<20	<20	6	1.18	1.12	9.80	<0.01	0.03	202	6	<2	20	<1	<5	<10	<0.01	4		
8	11644		pan	96	28	<20	<20	6	1.25	0.68	6.85	0.05	0.57	180	7	5	12	<1	<5	<10	<0.01	2		
9	12552		sed	21	18	<20	<20	8	1.15	0.90	8.27	<0.01	0.04	562	9	<2	25	1	<5	<10	<0.010	2		
9	12553		pan	87	47	<20	<20	21	2.84	2.06	3.83	0.14	0.54	303	5	3	34	4	<5	<10	0.014	1		
10	8053	rub	grab	320		<200	<2	<5				<0.05							1.7	<1		<500	<0.5	1.2
10	8054	otc	sel	380		<200	<2	<5				<0.05							0.6	<1		<500	<0.5	<0.5
11	11501	otc	sel	156	7	<20	<20	1	0.28	2.26	5.24	0.03	0.05	620	6	<2	3	<1	7	<10	<0.01	<1		
11	11502	flt	sel	164	14	<20	<20	4	1.10	0.88	3.10	0.02	0.08	265	7	3	19	<1	<5	<10	<0.01	1		
11	11503	flt	sel	35	169	<20	<20	7	2.34	1.63	0.78	0.04	0.03	34	4	9	40	13	<5	<10	<0.01	4		
11	11504	otc	sel	74	165	<20	<20	11	2.05	1.33	1.80	0.06	0.05	73	6	8	30	13	<5	<10	<0.01	4		
11	11505	flt	sel	36	71	<20	<20	9	2.27	1.47	0.26	0.05	0.15	14	5	11	31	4	<5	<10	<0.01	7		
11	11506		sed	55	52	<20	<20	15	2.32	1.90	0.29	<0.01	0.08	28	10	7	38	3	6	<10	<0.01	2		
11	11507		pan	116	78	<20	<20	21	5.94	2.29	0.21	0.04	0.69	22	7	12	54	4	6	<10	<0.01	2		
12	10808		sed	23	24	<20	<20	6	1.56	0.88	0.45	0.01	0.03	19	5	2	39	2	<5	<10	<0.01	5		
12	10809		pan	93	34	<20	<20	6	2.16	0.87	0.33	0.09	0.23	33	6	4	37	3	6	<10	<0.01	8		
13	10810		pan	74	38	<20	<20	6	2.51	0.93	0.25	0.09	0.25	31	5	4	46	3	5	<10	<0.01	8		
13	10811		pan	56	33	<20	<20	5	2.22	0.93	0.27	0.05	0.16	25	5	4	46	3	<5	<10	<0.01	8		
14	10776		sed	20	22	<20	<20	5	1.37	0.93	0.43	<0.01	0.03	13	4	<2	31	2	<5	<10	<0.01	3		
14	10777		pan	99	38	<20	<20	6	1.96	1.04	0.40	0.05	0.17	23	4	3	35	3	5	<10	<0.01	5		
14	10778	flt	sel	186	10	<20	<20	3	0.74	0.35	1.99	0.01	0.03	77	8	<2	13	<1	<5	<10	<0.01	1		
15	10779	flt	sel	200	9	<20	<20	3	0.38	0.64	1.77	0.01	0.03	22	3	<2	6	<1	<5	<10	<0.01	1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
16	11440	67.66999	152.94149	Unnamed Occurrence	flt	sel	qz-schist breccia w/ 1-2% py	Wiseman C-6	SW 23	33N	24W	Fairbanks
16	11441	67.66999	152.94149	Unnamed Occurrence	flt	sel	mica shist w/ 2% py, lim	Wiseman C-6	SW 23	33N	24W	Fairbanks
17	11429	67.57526	153.56511	Pingaluk Ck		pan	minor py, no mag, no vis Au	Survey Pass C-2	SE 12	25N	24E	Kateel River
17	11430	67.57526	153.56511	Pingaluk Ck		pan	minor py, no mag, no vis Au	Survey Pass C-2	SE 12	25N	24E	Kateel River
17	11431	67.57526	153.56511	Pingaluk Ck	otc	sel	0.5-ft-wide qz vein w/ iron-carb	Survey Pass C-2	SE 12	25N	24E	Kateel River
18	8012	67.64033	154.78333	Lucky Six Ck	flt	grab	qz-carb vein w/ tet, mal, az	Survey Pass C-4	NW 22	26N	18E	Kateel River
19	11426	67.63044	154.82901	Lucky Six Ck	flt	sel	qtz w/ 1-2% diss py, lim	Survey Pass C-4	NW 28	26N	18E	Kateel River
20	8013	67.63050	154.80000	Lucky Six Ck	flt	grab	vein qz w/ graphitic partings, mal	Survey Pass C-4	NW 27	26N	18E	Kateel River
21	11427	67.62647	154.80815	Lucky Six Ck		pan		Survey Pass C-4	NE 28	26N	18E	Kateel River
21	11428	67.62651	154.80937	Lucky Six Ck		pan	mod mag	Survey Pass C-4	NE 28	26N	18E	Kateel River
22	10832	67.45546	154.15639	Arrigetch Peaks	flt	sel	skarn w/ massive sulfides	Survey Pass B-3	NE 27	24N	21E	Kateel River
22	10833	67.45546	154.15639	Arrigetch Peaks	flt	sel	skarn w/ massive sulfides	Survey Pass B-3	NE 27	24N	21E	Kateel River
22	10834	67.45546	154.15639	Arrigetch Peaks	flt	sel	banded schist w/ py, tm(?)	Survey Pass B-3	NE 27	24N	21E	Kateel River
22	10835	67.45546	154.15639	Arrigetch Peaks	flt	sel	skarn w/ cpy py, lim	Survey Pass B-3	NE 27	24N	21E	Kateel River
23	10827	67.42984	154.05416	Arrigetch Peaks	flt	sel	skarn w/ abu mag, tr mal	Survey Pass B-3	NE 6	23N	22E	Kateel River
23	10828	67.42984	154.05416	Arrigetch Peaks	flt	sel	skarn w/ py and cpy, ep, hbl	Survey Pass B-3	NE 6	23N	22E	Kateel River
23	10829	67.42984	154.05416	Arrigetch Peaks	flt	sel	skarn w/ massive py, cpy, po	Survey Pass B-3	NE 6	23N	22E	Kateel River
23	10830	67.42984	154.05416	Arrigetch Peaks	otc	sel	skarn w/ abu mag, mod mal	Survey Pass B-3	NE 6	23N	22E	Kateel River
24	10780	67.43041	154.01312	Arrigetch Peaks	otc	cont	skarn w/ massive mag, tr mal	Survey Pass B-3	SE 32	24N	22E	Kateel River
24	10861	67.43041	154.01312	Arrigetch Peaks	otc	cont	skarn w/ massive mag, mal	Survey Pass B-3	SE 32	24N	22E	Kateel River
24	10862	67.42840	154.01174	Arrigetch Peaks	rub	ran	gar ep skarn w/ 5% mag	Survey Pass B-3	SE 32	24N	22E	Kateel River
25	10863	67.43607	153.97135	Arrigetch Peaks	rub	ran	mag-rich skarn w/ minor py	Survey Pass B-2	NE 33	24N	22E	Kateel River
25	10864	67.43607	153.97135	Arrigetch Peaks	otc	sel	qz vein w/ py, cpy, apy, po	Survey Pass B-2	NE 33	24N	22E	Kateel River
26	10898	66.99547	153.88140	Helpmejack Mn	rub	sel	greenstone w/ <1% po, lim	Hughes D-2	NW 5	18N	23E	Kateel River
27	10899	66.98621	153.52931	Helpmejack Ck		sed		Hughes D-2	NE 11	18N	22E	Kateel River
27	10900	66.98621	153.52931	Helpmejack Ck		pan		Hughes D-2	NE 11	18N	22E	Kateel River
27	10934	66.98621	153.52931	Helpmejack Ck	otc	grab	greenstone w/ no sulfides	Hughes D-2	NE 11	18N	22E	Kateel River
28	11494	66.93513	153.45852	Lost Pipe		sed		Hughes D-1	NW 30	18N	25E	Kateel River
28	11495	66.93513	153.45852	Lost Pipe		pan	mod fine mag	Hughes D-1	NW 30	18N	25E	Kateel River
28	11496	66.93513	153.45852	Lost Pipe		pan	2 v fine, 1 fine Au	Hughes D-1	NW 30	18N	25E	Kateel River
29	10935	66.95402	153.23649	Rockybottom Ck		plac	6 v fine, flat Au	Hughes D-1	SE 16	18N	26E	Kateel River
30	11497	67.09158	153.32636	Alatna R		sed		Survey Pass A-1	NW 35	20N	25E	Kateel River
30	11498	67.09158	153.32636	Alatna R		pan	1 v fine Au(?), sulfides	Survey Pass A-1	NW 35	20N	25E	Kateel River
30	11499	67.09158	153.32636	Alatna R	flt	sel	mica schist w/ 1-2% diss po, lim	Survey Pass A-1	NW 35	20N	25E	Kateel River
31	11527	67.13990	152.89237	Roosevelt Ck		sed		Wiseman A-6	NW 29	27N	24W	Fairbanks
31	11528	67.13990	152.89237	Roosevelt Ck		pan	abu mag, mod gar	Wiseman A-6	NW 29	27N	24W	Fairbanks
31	11529	67.13990	152.89237	Roosevelt Ck	flt	sel	felsic ser schist w/ 2-5% py	Wiseman A-6	NW 29	27N	24W	Fairbanks
31	11530	67.13990	152.89237	Roosevelt Ck	flt	sel	felsic schist w/ 2-5% py	Wiseman A-6	NW 29	27N	24W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
16	11440	flt	sel	<5			<0.2	50	10	110	<1	41	9	0.5	<5	57	<5	0.028	5.90	594	<10	22
16	11441	flt	sel	<5			<0.2	228	10	226	<1	75	26	5.2	<5	79	<5	0.096	>10.00	4921	<10	9
17	11429		pan		<5	6	<0.2	806	22	120	9	74	39	0.6	<5	14	<5	0.087	4.98	610	<10	267
17	11430		pan	20	<5	3	<0.2	71	11	151	6	76	20	0.7	<5	8	<5	0.069	5.56	502	<10	225
17	11431	otc	sel	<5			<0.2	18	84	48	2	19	5	0.7	<5	<5	<5	0.053	2.50	775	<10	15
18	8012	flt	grab	<75			43			<1100	<18	<110	<10	<88		672	3580.0		<0.8		<360	<720
19	11426	flt	sel	<5			<0.2	2	17	6	2	13	2	<0.2	<5	<5	<5	<0.010	1.56	28	<10	2
20	8013	flt	grab	6			8			<200	12	49	23	<10		3	3.3		2.8		<20	140
21	11427		pan		<5	1	<0.2	45	18	91	4	36	21	0.3	<5	<10	<5	0.017	5.77	903	<10	263
21	11428		pan	12	<5	<1	<0.2	135	16	111	7	45	21	0.4	<5	7	<5	0.054	6.02	830	<10	211
22	10832	flt	sel	<5			<0.2	163	36	32	<1	17	<1	<0.2	<5	<5	<5	0.024	>10.00	217	<10	3
22	10833	flt	sel	8			<0.2	195	2	43	<1	14	13	<0.2	<5	<5	<5	<0.010	>10.00	1545	<10	23
22	10834	flt	sel	<5			<0.2	30	5	38	<1	13	7	<0.2	<5	<5	<5	<0.010	2.85	587	<10	36
22	10835	flt	sel	8			0.6	3874	15	59	<1	29	115	<0.2	<5	17	<5	0.015	>10.00	66	<10	3
23	10827	flt	sel	<5			0.3	904	8	1674	<1	3	3	3.5	<5	7	<5	<0.010	>10.00	1579	<10	76
23	10828	flt	sel	<5			<0.2	174	3	229	<1	34	11	0.5	<5	10	<5	<0.010	2.33	557	<10	12
23	10829	flt	sel	44			<0.2	3042	19	78	<1	115	369	<0.2	<5	8	<5	<0.010	>10.00	690	<10	2
23	10830	otc	sel	<5			<0.2	66	33	280	<1	4	6	0.4	36	12	<5	<0.010	>10.00	1433	<10	21
24	10780	otc	cont	<5			<0.2	3	13	233	<1	1	4	<0.2	11	15	<5	<0.010	>10.00	1299	<10	16
24	10861	otc	cont	10			<0.2	29	7	219	<1	2	3	<0.2	88	25	<5	<0.010	>10.00	1401	<10	27
24	10862	rub	ran	30			<0.2	13	6	181	<1	5	4	<0.2	34	16	<5	<0.010	>10.00	910	<10	17
25	10863	rub	ran	14			0.9	1142	17	7782	<1	<1	<1	33.0	79	238	<5	0.017	>10.00	2804	<10	8
25	10864	otc	sel	60			2.4	4492	74	262	<1	<1	8	<0.2	859	>10000	29	0.012	>10.00	308	<10	2
26	10898	rub	sel	<1			<0.2	119	<2	60	2	40	24	<0.2	<5	<5	<5	<0.010	5.60	852	<10	351
27	10899		sed	2			<0.2	16	7	33	<1	36	11	0.2	<5	6	<5	0.031	2.55	410	<10	79
27	10900		pan	54	<5	<1	<0.2	19	7	76	4	29	13	<0.2	<5	10	<5	0.022	6.92	2118	<10	57
27	10934	otc	grab	<1			<0.2	26	4	103	3	10	4	<0.2	<5	<5	<5	<0.010	1.89	297	<10	41
28	11494		sed	<5			<0.2	23	9	80	2	31	12	0.4	<5	10	<5	0.045	3.45	502	<10	32
28	11495		pan	<5	12	8	<0.2	18	12	63	1	27	14	0.4	<5	6	<5	0.025	6.67	1053	<10	81
28	11496		pan	1732	7	11	<0.2	20	7	62	3	30	14	0.4	<5	6	<5	0.021	7.96	995	<10	78
29	10935		plac	0.0003 oz/cyd	<5	4	<0.2	40	4	69	<1	33	16	<0.2	<5	8	<5	0.142	5.45	818	<10	170
30	11497		sed	<5			<0.2	21	8	67	2	26	10	0.3	<5	8	<5	0.033	3.13	471	<10	34
30	11498		pan	10	<5	11	<0.2	38	16	102	2	45	20	0.5	<5	12	<5	0.080	5.61	741	<10	169
30	11499	flt	sel	13			<0.2	46	3	119	<1	34	21	0.3	<5	37	<5	<0.010	5.56	285	<10	27
31	11527		sed	<5			<0.2	44	11	106	2	34	22	0.9	<5	10	<5	0.048	3.58	590	<10	100
31	11528		pan	55	<5	10	<0.2	46	59	81	2	47	22	0.8	<5	11	<5	0.080	6.57	1331	<10	404
31	11529	flt	sel	6			<0.2	8	128	71	6	9	<1	0.3	<5	14	<5	0.068	1.13	30	<10	74
31	11530	flt	sel	<5			<0.2	4	6	4	5	5	2	0.2	<5	111	<5	0.017	1.66	20	<10	63

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
16	11440	flt	sel	110	115	<20	<20	8	2.27	0.48	0.11	<0.01	0.02	11	2	7	44	9	<5	<10	<0.01	7		
16	11441	flt	sel	79	96	<20	<20	6	1.90	0.37	0.07	<0.01	<0.01	11	4	8	24	6	6	<10	<0.01	5		
17	11429		pan	236	70	<20	<20	29	6.13	0.96	1.46	0.38	0.84	91	5	11	37	4	8	<10	<0.01	5		
17	11430		pan	188	64	<20	<20	30	5.69	1.45	2.90	0.19	0.56	111	6	11	65	3	6	<10	<0.01	5		
17	11431	otc	sel	199	8	<20	<20	1	0.51	0.87	2.03	0.02	0.06	67	3	2	8	<1	<5	<10	<0.01	2		
18	8012	flt	grab	<320		<3300	<9	<5				<0.35							1.5	<2		<2300	<3.6	<5.8
19	11426	flt	sel	153	6	<20	<20	5	0.77	0.90	0.03	<0.01	<0.01	3	<1	3	7	<1	<5	<10	<0.01	4		
20	8013	flt	grab	340		<200	<2	11				0.10							7.0	<1		<500	1.4	4.2
21	11427		pan	169	70	<20	<20	30	6.68	1.52	2.67	0.41	1.19	104	12	10	39	4	9	<10	0.10	11		
21	11428		pan	266	65	<20	<20	24	5.69	1.49	2.33	0.12	0.77	98	8	11	47	3	6	<10	0.04	10		
22	10832	flt	sel	6	2	13	<4	7	0.06	0.03	1.74	<0.01	0.01	44	3	<2	2	<1	<5	<10	<0.01	<1		
22	10833	flt	sel	84	24	54	<4	6	2.26	1.23	1.99	0.14	0.39	17	3	3	18	2	<5	<10	0.09	<1		
22	10834	flt	sel	23	13	<4	<4	16	1.42	1.48	>10.00	0.01	0.38	333	15	<2	23	<1	<5	<10	0.03	<1		
22	10835	flt	sel	78	2	<4	<4	6	0.07	0.03	0.07	<0.01	0.01	3	4	<2	3	1	<5	<10	<0.01	<1		
23	10827	flt	sel	25	25	7269	102	13	3.71	0.71	>10.00	0.60	1.08	92	7	14	13	3	<5	<10	0.09	4		
23	10828	flt	sel	88	19	56	<4	2	0.60	0.61	3.09	0.02	0.05	47	7	<2	21	2	<5	<10	0.10	<1		
23	10829	flt	sel	31	9	636	5	8	0.83	0.03	3.09	0.01	0.01	11	6	<2	2	<1	<5	<10	0.04	8		
23	10830	otc	sel	22	20	2132	<4	22	1.92	0.91	>10.00	0.23	0.40	77	11	3	9	4	<5	<10	0.16	5		
24	10780	otc	cont	10	13	1080	30	13	0.65	0.62	2.17	0.13	0.17	23	5	3	7	<1	<5	<10	0.03	7		
24	10861	otc	cont	14	17	830	116	21	1.07	0.90	3.71	0.14	0.52	30	7	11	28	3	<5	<10	0.05	1		
24	10862	rub	ran	39	18	811	76	30	1.65	0.72	3.86	0.06	0.41	53	11	9	40	3	<5	<10	0.10	7		
25	10863	rub	ran	7	5	4052	18	18	0.37	0.20	1.65	0.07	0.12	7	2	7	9	2	<5	<10	0.02	1		
25	10864	otc	sel	30	9	880	<4	15	0.92	0.35	4.16	0.05	0.06	11	6	19	16	1	<5	<10	0.01	3		
26	10898	rub	sel	54	123	<20	<20	5	3.61	2.18	2.50	0.06	0.13	22	11	5	18	<1	<5	<10	0.37	8		
27	10899		sed	17	24	<20	<20	20	1.14	0.70	0.62	<0.01	0.05	20	9	<2	18	<1	<5	<10	0.03	<1		
27	10900		pan	252	64	<20	<20	73	1.81	0.66	0.93	0.02	0.07	22	34	<2	17	<1	12	<10	0.12	<1		
27	10934	otc	grab	161	30	<20	<20	43	2.26	0.40	2.37	0.05	0.17	34	146	14	4	5	<5	<10	0.13	45		
28	11494		sed	16	15	<20	<20	10	1.10	1.10	3.83	<0.01	0.04	84	6	<2	25	<1	<5	<10	<0.01	5		
28	11495		pan	195	69	<20	<20	66	1.68	0.64	2.06	0.04	0.14	60	20	<2	19	3	<5	<10	0.16	4		
28	11496		pan	204	94	<20	<20	52	1.67	0.64	3.02	0.05	0.17	87	18	2	18	6	<5	<10	0.16	5		
29	10935		plac	100	133	<20	<20	16	8.33	1.20	1.37	0.03	0.13	81	12	5	26	<1	10	<10	0.24	11		
30	11497		sed	13	13	<20	<20	11	0.91	1.07	4.10	<0.01	0.03	88	7	<2	21	<1	<5	<10	<0.01	5		
30	11498		pan	167	83	<20	<20	37	2.42	0.88	3.80	0.07	0.28	123	9	5	35	2	<5	<10	0.09	5		
30	11499	flt	sel	89	51	<20	<20	5	2.16	1.46	0.28	0.03	0.07	11	5	<2	45	3	<5	<10	0.12	<1		
31	11527		sed	23	28	<20	<20	28	1.35	0.84	0.78	<0.01	0.08	28	16	<2	19	1	<5	<10	0.02	<1		
31	11528		pan	235	67	<20	<20	21	1.91	0.87	0.81	0.05	0.13	38	19	<2	16	4	7	<10	0.17	2		
31	11529	flt	sel	204	1	<20	<20	42	0.16	<0.01	0.03	0.03	0.10	4	9	<2	2	1	<5	<10	<0.01	22		
31	11530	flt	sel	160	1	<20	<20	14	0.15	<0.01	<0.01	<0.01	0.15	2	8	<2	<1	2	<5	<10	<0.01	15		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
32	11515	67.13186	152.61285	Bog		sed		Wiseman A-6	SW 27	27N	23W	Fairbanks
32	11516	67.13186	152.61285	Bog		pan	abu mag, mod gar, 2 v fine Au	Wiseman A-6	SW 27	27N	23W	Fairbanks
32	11517	67.13186	152.61285	Bog	flt	sel	greenstone w/ 3-5% mag	Wiseman A-6	SW 27	27N	23W	Fairbanks
33	11500	67.13458	152.55585	Jones Ck		sed		Wiseman A-6	SW 26	27N	23W	Fairbanks
33	11524	67.13458	152.55585	Jones Ck		pan	2 v fine, 1 coarse Au, mag, gar	Wiseman A-6	SW 26	27N	23W	Fairbanks
33	11525	67.13458	152.55585	Jones Ck	flt	sel	ser schist w/ banded po (<3mm)	Wiseman A-6	SW 26	27N	23W	Fairbanks
33	11526	67.13458	152.55585	Jones Ck	flt	sel	blk bio mica schist w/ 1-2% py	Wiseman A-6	SW 26	27N	23W	Fairbanks
34	11531	67.17343	152.78256	Red	rub	sel	bio-qz-musc schist w/ 1-2% py	Wiseman A-6	SW 11	27N	24W	Fairbanks
35	13024	67.18032	152.80267	Red	otc	sel	metavolc w/ 1-3% py, sl(?)	Wiseman B-6	NE 10	27N	24W	Fairbanks
36	11533	67.28440	152.72189	Mettenpherg Ck		sed		Wiseman B-6	NE 1	28N	24W	Fairbanks
36	11551	67.28440	152.72189	Mettenpherg Ck		pan	abu mag, no vis Au	Wiseman B-6	NE 1	28N	24W	Fairbanks
36	11552	67.28440	152.72189	Mettenpherg Ck	flt	sel	mica qtz w/ 10% diss & xln py	Wiseman B-6	NE 1	28N	24W	Fairbanks
37	13004	67.29096	152.87660	Mettenpherg West	flt	sel	greenstone w/ 10% mag	Wiseman B-6	SW 35	29N	24W	Fairbanks
37	13005	67.29108	152.87449	Mettenpherg West	flt	sel	blk silic rock w/ py, cpy, gn, sl(?)	Wiseman B-6	SW 35	29N	24W	Fairbanks
38	11532	67.31723	152.92370	Frog Prospect	otc	rand	silic rock w/ ~20% diss py	Wiseman B-6	NE 28	29N	24W	Fairbanks
38	13032	67.31573	152.91700	Frog Prospect	flt	sel	qz-carb rock w/ massive sl, minor gn	Wiseman B-6	SE 21	29N	24W	Fairbanks
38	13033	67.31668	152.91637	Frog Prospect	flt	sel	qz vein w/ massive cpy, az, mal	Wiseman B-6	SE 21	29N	24W	Fairbanks
39	11519	67.32428	152.48181	Malemute Fork trib		sed		Wiseman B-5	SW 21	29N	22W	Fairbanks
39	11520	67.32428	152.48181	Malemute Fork trib		pan	minor blk sands, 5 v fine Au	Wiseman B-5	SW 21	29N	22W	Fairbanks
40	12098	67.37508	152.75807	Mettenpherg Ck, N trib		pan	mod mag, tr py	Wiseman B-6	SW 32	30N	23W	Fairbanks
40	12099	67.37508	152.75807	Mettenpherg Ck, N trib		sed		Wiseman B-6	SW 32	30N	23W	Fairbanks
40	12108	67.37508	152.75807	Mettenpherg Ck, N trib	flt	sel	qz-rich augen gneiss w/ 2-5% py	Wiseman B-6	SW 32	30N	23W	Fairbanks
41	11553	67.38181	152.73064	Colorado Ck		pan	12 v fine, 2 coarse Au	Wiseman B-6	NE 32	30N	23W	Fairbanks
41	11554	67.38181	152.73064	Colorado Ck	flt	sel	qz-graphite schist w/ 2-5% py	Wiseman B-6	NE 32	30N	23W	Fairbanks
41	11555	67.38181	152.73064	Colorado Ck	flt	sel	musc qtz w/ 2-5% banded py	Wiseman B-6	NE 32	30N	23W	Fairbanks
41	11556	67.38380	152.73488	Mettenpherg Ck, N trib		sed		Wiseman B-6	NE 32	30N	23W	Fairbanks
41	11557	67.38380	152.73488	Mettenpherg Ck, N trib		pan	mod coarse mag	Wiseman B-6	NE 32	30N	23W	Fairbanks
41	11558	67.38380	152.73488	Colorado Ck		sed		Wiseman B-6	NE 32	30N	23W	Fairbanks
41	11559	67.38380	152.73488	Mettenpherg Ck, N trib	flt	sel	greenstone schist w/ 1-2% py, po	Wiseman B-6	NE 32	30N	23W	Fairbanks
41	12284	67.38153	152.72468	Colorado Ck		sed		Wiseman B-6	SW33	30N	23W	Fairbanks
41	12285	67.38153	152.72468	Colorado Ck		pan	tr mag, unidentified blk mineral	Wiseman B-6	SW33	30N	23W	Fairbanks
42	11560	67.39583	152.67981	Zirc	flt	sel	qz ser schist w/ 10% py, 2% fl	Wiseman B-6	SW 27	30N	23W	Fairbanks
42	11020	67.39638	152.85833	Ann Group	otc	cont	gn and sl fetse at schist contact	Wiseman B-6	SE 26	30N	24W	Fairbanks
43	11028	67.39638	152.85833	Ann Group	otc	sel	pelitic schist w/ gn, sl, py, cpy	Wiseman B-6	SE 26	30N	24W	Fairbanks
44	11042	67.41358	152.86175	Buzz Prospect	otc	sel	marble w/ massive sulfide lens	Wiseman B-6	NW 23	30N	24W	Fairbanks
44	11044	67.41358	152.86175	Buzz Prospect	trn	rep	massive sulfide w/ 25% gn & sl	Wiseman B-6	SE 23	30N	24W	Fairbanks
45	11045	67.43198	152.71405	ABO Prospect	flt	sel	dolomitized ls w/ sl, tr py, gn	Wiseman B-6	SW 4	30N	23W	Fairbanks
46	11029	67.44477	152.70390	ABO Prospect	otc	cont	silic rock w/ abu sl	Wiseman B-6	NE 9	30N	23W	Fairbanks

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Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
32	11515		sed	<5			<0.2	19	8	61	2	36	11	<0.3	<5	9	<5	0.029	2.46	397	<10	28
32	11516		pan	971	<5	9	<0.2	22	9	75	2	37	18	0.8	<5	9	<5	0.028	>10.00	1767	<10	80
32	11517	flt	sel	7			<0.2	52	<2	88	<1	51	30	<0.2	<5	<5	<5	<0.010	5.93	448	<10	22
33	11500		sed	69			<0.2	35	8	99	2	48	20	0.8	<5	12	<5	0.041	3.22	488	<10	43
33	11524		pan	13.3 ppm	<5	10	0.2	37	10	78	3	44	22	1.0	<5	18	<5	0.111	>10.00	2024	<10	79
33	11525	flt	sel	6			<0.2	54	11	6	6	16	3	<0.2	<5	<5	6	<0.010	1.30	81	<10	82
33	11526	flt	sel	<5			<0.2	36	14	101	5	48	19	0.5	<5	6	<5	0.055	3.55	320	<10	82
34	11531	rub	sel	9			<0.2	7	20	9	14	10	2	<0.2	<5	91	<5	0.017	1.62	27	<10	376
35	13024	otc	sel	<5			0.2	84	5	64	7	32	26	<0.2	<5	24	<5		6.16	362	<10	57
36	11533		sed	<5			0.3	9	12	44	<1	9	6	<0.2	<5	21	<5	<0.010	1.60	305	<10	18
36	11551		pan	9	<5	8	<0.2	13	11	49	<1	14	10	0.2	<5	14	<5	0.012	3.24	406	<10	50
36	11552	flt	sel	7			<0.2	12	2	10	6	34	13	<0.2	<5	15	<5	<0.010	5.48	228	<10	5
37	13004	flt	sel	<5			<0.2	<1	<2	173	<1	38	10	0.8	<5	<5	8		>10.00	140	16	21
37	13005	flt	sel	40			80.7	11	>10000	3467	<1	8	20	15.3	6	<5	39		>10.00	>20000	11	53
38	11532	otc	rand	179			22.3	18	641	139	6	38	17	1.1	<5	836	35	0.169	>10.00	32	<10	8
38	13032	flt	sel	18			32.8	150	4.44%	34.65%	<1	37	57	265.4	22	92	46		3.73	1146	<10	19
38	13033	flt	sel	368			14.6	>10000	86	786	<1	32	14	1.1	<5	6	15		>10.00	63	<10	17
39	11519		sed	<5			<0.2	16	15	70	1	16	10	<0.2	<5	14	<5	0.015	2.87	271	<10	28
39	11520		pan	2061	<5	30	<0.2	19	16	74	4	26	16	0.2	<5	7	<5	0.017	3.91	608	<10	113
40	12098		pan	14	<5	<1	0.9	66	55	94	1	33	23	0.7	<5	156	<5	0.116	6.85	443	<10	324
40	12099		sed	<5			0.7	18	10	46	<1	11	7	0.3	<5	53	<5	<0.010	1.41	265	<10	36
40	12108	flt	sel	18			<0.2	76	99	88	<1	34	21	0.2	<5	152	45	0.358	4.42	40	<10	37
41	11553		pan	376.21 ppm	<5	10	15.6	34	210	117	3	29	16	0.5	<5	251	<5	0.177	4.63	479	<10	749
41	11554	flt	sel	8			<0.2	54	84	79	5	74	21	<0.2	<5	<5	<5	<0.010	4.22	151	<10	49
41	11555	flt	sel	<5			0.7	12	70	5	1	17	15	<0.2	<5	<5	<5	<0.010	2.63	41	<10	9
41	11556		sed	<5			0.7	12	12	33	1	10	7	<0.2	<5	26	<5	0.015	1.56	277	<10	27
41	11557		pan	15	<5	9	<0.2	19	17	35	<1	11	7	0.2	<5	17	6	0.017	3.27	256	<10	168
41	11558		sed	<5			<0.2	23	22	75	<1	15	11	0.4	<5	144	<5	0.020	2.29	342	<10	15
41	11559	flt	sel	<5			<0.2	152	<2	349	<1	29	31	<0.2	<5	10	<5	0.060	9.60	90	<10	18
41	12284		sed	13			<0.2	32	31	90	4	22	11	4.1	<5	181	7	<0.010	2.10	364	<10	21
41	12285		pan	1176	<5	4	0.2	46	113	139	1	36	22	2.2	<5	881	<5	0.044	4.86	569	<10	520
42	11560	flt	sel	67			0.5	11	25	32	2	5	3	0.3	<5	131	19	0.259	2.12	77	<10	87
43	11020	otc	cont	2478			2.64 oz/t	250	3.34%	4.31%	3	6	3	<492.9	<5	>10000	1238	8.500	>10.00	6618	22	10
43	11028	otc	sel	1438			8.23 oz/t	773	11.24%	6.11%	2	2	<1	<657.1	7	>10000	>2000	11.900	>10.00	9525	17	<1
44	11043	otc	cont	2337			5.73 oz/t	1609	7.23%	22.86%	4	4	2	1008.1	274	6480	531	12.120	>10.00	1927	89	<1
44	11044	trn	rep	2435			2.20 oz/t	1451	3.93%	4.70%	4	7	3	<358.9	23	>10000	>2000	2.030	>10.00	4338	<10	<1
45	11045	flt	sel	77			0.34 oz/t	56	1.80%	22.41%	<1	5	33	210.5	<5	123	84	30.980	4.71	3898	46	15
46	11029	otc	cont	19			2.7	39	0.34%	12.92%	<1	7	17	102.0	<5	128	47	9.980	2.96	2960	31	25

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
32	11515		sed	12	16	<20	<20	15	0.81	0.81	2.74	<0.01	0.05	70	9	<2	12	<1	<5	<10	0.02	<1		
32	11516		pan	281	138	<20	<20	16	2.04	0.60	0.84	0.04	0.14	25	29	3	14	10	16	<10	0.13	<1		
32	11517	flt	sel	96	88	<20	<20	8	2.11	1.82	0.76	0.03	0.18	13	6	<2	46	7	6	<10	0.17	<1		
33	11500		sed	18	23	<20	<20	27	1.08	0.73	0.68	<0.01	0.05	21	15	<2	15	1	<5	<10	0.02	<1		
33	11524		pan	281	91	<20	<20	12	2.16	0.62	0.93	0.03	0.13	23	33	3	14	6	19	<10	0.10	<1		
33	11525	flt	sel	265	2	<20	<20	37	0.21	0.02	1.49	0.02	0.26	78	32	<2	<1	<1	<5	<10	<0.01	6		
33	11526	flt	sel	114	25	<20	<20	9	1.11	1.30	1.57	<0.01	0.10	58	7	<2	16	1	<5	<10	0.06	2		
34	11531	rub	sel	205	6	<20	<20	1	0.21	0.02	<0.01	0.01	0.13	3	1	<2	2	1	<5	<10	0.07	13		
35	13024	otc	sel	113	45	<4	<4	5	1.63	0.89	0.64	0.03	0.10	26	5	<2	9	4	<5	<10	0.210	4		
36	11533		sed	6	6	<20	<20	14	0.44	0.75	7.71	<0.01	0.05	294	7	<2	7	<1	<5	<10	<0.01	<1		
36	11551		pan	99	21	<20	<20	18	0.97	0.79	>10.00	0.02	0.24	516	8	<2	11	<1	<5	<10	0.17	<1		
36	11552	flt	sel	406	21	<20	<20	4	0.84	0.05	0.13	<0.01	<0.01	3	1	<2	<1	<1	<5	<10	<0.01	2		
37	13004	flt	sel	82	206	<4	<4	7	5.38	3.74	1.33	<0.01	<0.01	5	17	20	69	12	<5	27	0.010	17		
37	13005	flt	sel	18	<1	<4	<4	<1	0.23	0.91	0.98	<0.01	0.02	9	3	6	2	4	<5	53	<0.010	14		
38	11532	otc	rand	236	6	<20	<20	<1	0.07	0.01	0.02	<0.01	0.06	2	<1	<2	<1	<1	<5	<10	<0.01	<1		
38	13032	flt	sel	15	4	17	642	<1	0.12	0.04	9.40	<0.01	0.11	371	3	3	<1	<1	<5	<10	<0.010	7		
38	13033	flt	sel	85	<1	21	21	<1	0.05	0.02	3.36	<0.01	0.01	106	2	13	<1	<1	<5	12	<0.010	8		
39	11519		sed	11	11	<20	<20	25	1.13	0.65	0.87	<0.01	0.07	25	13	<2	13	<1	<5	<10	0.02	<1		
39	11520		pan	297	19	<20	<20	23	1.92	0.72	1.72	0.06	0.56	61	11	2	15	<1	<5	<10	0.12	1		
40	12098		pan	155	36	<20	<20	16	0.80	0.72	>10.00	0.01	0.16	690	8	<2	9	2	<5	<10	0.187	<1		
40	12099		sed	3	5	<20	<20	10	0.32	0.50	>10.00	<0.01	0.03	585	5	<2	6	<1	<5	<10	<0.010	1		
40	12108	flt	sel	142	14	<20	<20	8	0.41	0.03	0.19	<0.01	0.32	18	3	2	7	<1	<5	<10	<0.010	6		
41	11553		pan	191	17	<20	82	30	1.54	0.57	3.31	0.03	0.47	103	10	<2	15	<1	<5	<10	0.11	2		
41	11554	flt	sel	292	13	<20	<20	24	0.87	0.32	0.27	0.03	0.31	14	15	<2	9	<1	<5	<10	<0.01	6		
41	11555	flt	sel	210	2	<20	<20	12	0.07	0.01	0.06	<0.01	0.05	2	1	<2	<1	<1	<5	<10	<0.01	<1		
41	11556		sed	2	4	<20	<20	12	0.35	0.60	>10.00	<0.01	0.04	541	6	<2	7	<1	<5	<10	<0.01	1		
41	11557		pan	38	16	<20	<20	9	0.87	0.78	>10.00	0.01	0.14	1012	5	<2	9	<1	<5	<10	0.04	<1		
41	11558		sed	5	6	<20	<20	25	0.55	0.36	1.38	<0.01	0.06	39	8	<2	7	<1	<5	<10	0.01	<1		
41	11559	flt	sel	89	233	<20	<20	4	5.39	4.47	0.39	<0.01	0.06	19	7	3	154	17	11	<10	0.05	3		
41	12284		sed	10	6	<20	<20	27	0.53	0.34	1.01	<0.01	0.07	35	8	<2	7	<1	<5	<10	0.019	<1		
41	12285		pan	148	18	<20	146	31	1.48	0.60	2.06	0.02	0.31	74	13	<2	16	<1	<5	<10	0.064	<1		
42	11560	flt	sel	122	6	<20	<20	15	1.82	0.06	7.79	0.23	1.21	195	29	3	11	<1	<5	<10	0.02	4		
43	11020	otc	cont	105	2	<20	<20	3	0.18	1.87	4.30	<0.01	0.06	54	3	<2	4	<1	<5	<10	<0.01	<1		
43	11028	otc	sel	67	<1	<20	<20	1	0.08	1.29	4.15	<0.01	0.02	54	3	<2	2	<1	<5	<10	<0.01	<1		
44	11043	otc	cont	67	<1	<20	<20	<1	0.04	0.38	1.03	<0.01	0.01	14	<1	<2	<1	<1	<5	<10	<0.01	<1		
44	11044	trn	rep	59	1	<20	<20	<1	0.12	2.10	2.87	0.01	0.04	39	<1	<2	2	<1	<5	<10	<0.01	<1		
45	11045	flt	sel	50	<1	<20	<20	5	0.05	3.08	7.92	<0.01	0.04	171	3	<2	1	<1	<5	<10	<0.01	<1		
46	11029	otc	cont	63	<1	<20	<20	<1	0.02	5.55	>10.00	<0.01	<0.01	142	2	<2	1	2	<5	<10	<0.01	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
47	11534	67.44489	152.52284	Sixtymile Ck trib		sed		Wiseman B-6	NW 8	30N	22W	Fairbanks
47	11535	67.44489	152.52284	Sixtymile Ck trib		pan	no mag, no vis Au	Wiseman B-6	NW 8	30N	22W	Fairbanks
47	11536	67.44489	152.52284	Sixtymile Ck trib	flt	sel	qz mica schist w/ subedral py	Wiseman B-6	NW 8	30N	22W	Fairbanks
47	11537	67.44108	152.52612	Sixtymile Ck		sed		Wiseman B-6	SW 8	30N	22W	Fairbanks
47	11538	67.44108	152.52612	Sixtymile Ck		pan	no mag, no vis Au	Wiseman B-6	SW 8	30N	22W	Fairbanks
48	10841	67.37466	152.20301	Rock Ck		sed		Wiseman B-5	SW 34	30N	21W	Fairbanks
48	10842	67.37466	152.20301	Rock Ck		pan	abu mag (fine and coarse)	Wiseman B-5	SW 34	30N	21W	Fairbanks
48	10843	67.37466	152.20301	Rock Ck	flt	sel	greenschist w/ abu mag	Wiseman B-5	SW 34	30N	21W	Fairbanks
48	10844	67.37400	152.19720	Rock Ck		pan		Wiseman B-5	SW 34	30N	21W	Fairbanks
49	10878	67.34862	152.26930	Sixtymile Ck		sed		Wiseman B-5	SE 9	29N	21W	Fairbanks
49	10879	67.34862	152.26930	Sixtymile Ck		pan	tr mag	Wiseman B-5	SE 9	29N	21W	Fairbanks
49	10901	67.34833	152.27070	Sixtymile Ck		sed		Wiseman B-5	SW 9	29N	21W	Fairbanks
49	10902	67.34833	152.27070	Sixtymile Ck		pan	mod mag, no vis Au	Wiseman B-5	SW 9	29N	21W	Fairbanks
50	12071	67.34610	152.21167	Midas Ck		pan	abu fine and coarse mag, tr py	Wiseman B-5	NW 15	29N	21W	Fairbanks
51	12072	67.31826	152.11576	Grizzly Ck		sed		Wiseman B-5	SW 19	29N	20W	Fairbanks
51	12073	67.31826	152.11576	Grizzly Ck		pan	1 fine Au, abu mag	Wiseman B-5	SW 19	29N	20W	Fairbanks
51	12074	67.31757	152.12188	Grizzly Ck		pan	abu mag	Wiseman B-5	SW 19	29N	20W	Fairbanks
51	12075	67.31677	152.11964	Grizzly Ck trib		pan		Wiseman B-5	SW 19	29N	20W	Fairbanks
52	11439	67.30722	152.22636	Midas Ck		pan	mod mag, no vis Au	Wiseman B-5	SW 23	29N	21W	Fairbanks
53	11437	67.30278	152.23267	Midas Ck		sed		Wiseman B-5	NW 34	29N	21W	Fairbanks
53	11438	67.30278	152.23267	Midas Ck		pan	abu fine to coarse mag, tr sulfides	Wiseman B-5	NW 34	29N	21W	Fairbanks
53	12085	67.30294	152.23375	Midas Ck		pan	1 fine Au, v abu mag	Wiseman B-5	NW 34	29N	21W	Fairbanks
54	12086	67.29824	152.24103	Midas Ck	rub	grab	meta igneous w/ 10% mag, tr py	Wiseman B-5	SE 33	29N	21W	Fairbanks
55	12087	67.28961	152.24853	Midas Ck		sed		Wiseman B-5	SE 33	29N	21W	Fairbanks
55	12088	67.28961	152.24853	Midas Ck		pan	v abu mag	Wiseman B-5	SE 33	29N	21W	Fairbanks
56	11518	67.25531	152.22303	Peak 4557, Midas Ck	flt	sel	mica qz schist w/ 5% diss mag	Wiseman B-5	NE 17	28N	21W	Fairbanks
57	12011	67.18489	151.76076	Timber Ck		sed		Wiseman A-4	NW 9	27N	19W	Fairbanks
57	12012	67.18489	151.76076	Timber Ck		pan	minor mag & py, no vis Au	Wiseman A-4	NW 9	27N	19W	Fairbanks
58	12076	67.21308	151.72876	Sickuk Ck		pan		Wiseman A-4	NW 34	28N	19W	Fairbanks
59	12077	67.21490	151.71760	Sickuk Ck		pan		Wiseman A-4	NW 34	28N	19W	Fairbanks
59	12078	67.21490	151.71760	Sickuk Ck		sed		Wiseman A-4	NW 34	28N	19W	Fairbanks
60	12079	67.22098	151.70368	Sickuk Ck		pan	tr mag	Wiseman A-4	SE 27	28N	19W	Fairbanks
60	12125	67.22098	151.70368	Sickuk Ck	flt	sel	qz mica sch w/ 3% py in qz	Wiseman A-4	SE 27	28N	19W	Fairbanks
61	11443	67.24529	151.57997	Gilroy Mtn	rub	sel	dolomite w/ 1% diss py	Wiseman A-4	NE 18	28N	18W	Fairbanks
62	11432	67.24275	151.66691	Suckik Ck		sed		Wiseman A-4	NE 23	28N	19W	Fairbanks
62	11433	67.24275	151.66691	Suckik Ck		pan	tr mag, no vis Au	Wiseman A-4	NE 23	28N	19W	Fairbanks
63	11434	67.24554	151.67702	Suckik Ck		sed		Wiseman A-4	C 14	28N	19W	Fairbanks
63	11435	67.24554	151.67702	Suckik Ck		pan		Wiseman A-4	C 14	28N	19W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
47	11534		sed	<5			<0.2	33	10	82	1	44	16	<0.2	<5	11	<5	0.054	4.10	520	<10	9
47	11535		pan	10	114	127	0.5	80	63	111	3	57	18	0.3	<5	11	17	0.084	6.12	571	<10	76
47	11536	flt	sel	8			<0.2	36	43	64	3	43	16	0.3	<5	7	<5	0.020	3.27	336	<10	31
47	11537		sed	<5			<0.2	33	12	84	1	41	15	<0.2	<5	14	<5	0.044	4.13	513	<10	12
47	11538		pan	10	<5	20	<0.2	50	14	112	2	52	18	0.3	<5	11	<5	0.056	6.31	575	<10	84
48	10841		sed	6			<0.2	7	4	20	<1	5	3	<0.2	<5	9	<5	0.017	1.13	234	<10	11
48	10842		pan	54	<5	<1	<0.2	15	8	34	<1	24	15	<0.2	<5	14	<5	0.045	>10.00	225	<10	140
48	10843	flt	sel	7			<0.2	71	<2	130	<1	58	42	<0.2	<5	<5	<5	0.012	8.94	971	<10	39
48	10844		pan		<5	<1	<0.2	13	9	24	<1	12	7	<0.2	<5	15	<5	0.016	8.01	214	<10	55
49	10878		sed	4			0.2	16	13	49	<1	14	8	<0.2	<5	33	<5	0.027	1.74	289	<10	33
49	10879		pan	44	<5	<1	0.3	8	12	39	1	10	6	<0.2	<5	15	<5	0.038	2.03	265	<10	43
49	10901		sed	5			0.2	14	12	58	<1	13	7	<0.2	<5	16	<5	0.025	1.76	378	<10	29
49	10902		pan	12	<5	<1	0.5	9	8	34	2	14	5	<0.2	<5	9	<5	0.014	1.73	288	<10	27
50	12071		pan	<5	<5	<1	<0.2	27	9	80	1	33	16	<0.2	<5	8	<5	0.012	4.98	773	<10	47
51	12072		sed	<5			<0.2	33	7	76	1	34	20	<0.2	<5	13	<5	<0.010	3.53	631	<10	20
51	12073		pan	386	<5	<1	<0.2	34	7	93	1	41	24	<0.2	<5	8	<5	0.013	7.32	1040	<10	40
51	12074		pan	<5	<5	<1	<0.2	38	7	94	1	40	25	<0.2	<5	9	<5	<0.010	5.45	947	<10	39
51	12075		pan	<5	<5	<1	<0.2	25	7	99	1	37	21	<0.2	<5	10	<5	<0.010	5.51	1212	<10	47
52	11439		pan	8	<5	5	<0.2	38	9	84	3	38	22	0.4	<5	7	<5	0.022	>10.00	1614	<10	83
53	11437		sed	<5			<0.2	26	10	65	<1	29	14	<0.2	<5	8	<5	0.030	2.86	624	<10	30
53	11438		pan	1430	<5	2	<0.2	29	10	53	<1	42	24	0.7	<5	<5	<5	0.020	>10.00	2056	<10	47
53	12085		pan	112	<5	<1	<0.2	30	4	92	1	48	25	<0.2	<5	9	<5	0.031	>10.00	1125	<10	38
54	12086	rub	grab	6			<0.2	87	8	166	<1	29	42	<0.2	<5	<5	<5	0.016	9.58	1144	<10	87
55	12087		sed	<5			<0.2	33	11	76	<1	37	18	0.2	<5	19	<5	0.019	3.61	727	<10	25
55	12088		pan	6	<5	<1	<0.2	35	14	92	3	41	29	0.3	<5	11	<5	0.031	>10.00	1887	<10	39
56	11518	flt	sel	7			<0.2	6	<2	119	<1	55	29	<0.2	<5	<5	<5	<0.010	7.69	872	<10	25
57	12011		sed	<5			<0.2	43	13	149	2	68	27	1.0	<5	15	<5	0.063	3.91	587	<10	50
57	12012		pan	73	<5	2	<0.2	37	12	125	2	69	25	0.6	<5	13	<5	0.092	5.36	675	<10	99
58	12076		pan	<5	<5	<1	<0.2	51	14	136	3	69	26	0.8	<5	13	<5	0.066	4.91	562	<10	120
59	12077		pan	<5	<5	1	<0.2	81	20	160	5	91	37	0.9	<5	28	<5	0.122	6.64	724	<10	112
59	12078		sed	<5			<0.2	45	12	144	2	65	26	1.0	<5	15	<5	0.046	3.79	506	<10	35
60	12079		pan	<5	<5	<1	<0.2	38	13	140	2	63	29	0.6	<5	8	<5	0.054	4.80	713	<10	113
60	12125	flt	sel	6			<0.2	12	13	63	3	31	12	<0.2	<5	<5	<5	0.023	2.64	268	<10	40
61	11443	rub	sel	<5			0.4	5	<2	6	2	3	<1	<0.2	<5	<5	<5	0.020	0.23	71	<10	2
62	11432		sed	<5			<0.2	54	17	158	3	75	25	1.0	<5	19	<5	0.063	3.87	531	<10	51
62	11433		pan	33	<5	3	<0.2	114	21	114	4	95	34	1.3	<5	22	<5	0.062	6.33	584	<10	326
63	11434		sed	<5			<0.2	43	10	110	2	62	22	1.0	<5	9	<5	0.034	3.29	537	<10	25
63	11435		pan	42	<5	2	<0.2	111	14	105	12	75	30	1.1	<5	19	<5	0.055	6.71	979	<10	236

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
47	11534		sed	27	19	<20	<20	13	1.45	0.69	1.83	<0.01	0.07	43	5	<2	26	<1	<5	<10	<0.01	6		
47	11535		pan	252	37	<20	<20	20	2.71	0.98	2.58	0.09	0.28	79	5	8	38	1	<5	<10	<0.01	9		
47	11536	flt	sel	175	19	<20	<20	5	1.27	0.35	0.37	0.03	0.11	10	3	<2	21	<1	<5	<10	<0.01	6		
47	11537		sed	22	18	<20	<20	13	1.36	0.72	2.51	<0.01	0.02	64	5	<2	27	<1	<5	<10	<0.01	4		
47	11538		pan	196	41	<20	<20	35	3.02	0.99	4.05	0.12	0.36	133	6	9	41	1	<5	<10	<0.01	8		
48	10841		sed	2	6	<20	<20	16	0.17	1.08	>10.00	<0.01	<0.01	369	7	<2	3	<1	<5	<10	<0.01	<1		
48	10842		pan	49	346	<20	<20	16	0.35	0.81	>10.00	<0.01	0.05	340	6	<2	7	21	<5	<10	0.05	2		
48	10843	flt	sel	91	200	<20	<20	6	2.96	3.04	2.60	0.02	0.07	69	8	8	57	16	13	<10	0.22	<1		
48	10844		pan	69	99	<20	<20	12	0.35	0.75	>10.00	<0.01	0.05	469	7	<2	6	5	<5	<10	0.04	1		
49	10878		sed	15	12	<20	<20	17	0.64	0.91	5.65	<0.01	0.21	105	10	<2	10	<1	<5	<10	0.02	<1		
49	10879		pan	90	8	<20	<20	7	0.59	1.07	>10.00	0.01	0.10	260	8	<2	9	<1	<5	<10	0.02	<1		
49	10901		sed	9	10	<20	<20	12	0.60	0.53	5.14	<0.01	0.08	125	7	<2	10	<1	<5	<10	0.01	<1		
49	10902		pan	233	12	<20	<20	9	0.65	0.47	>10.00	0.02	0.14	273	5	<2	6	<1	<5	<10	0.04	1		
50	12071		pan	189	44	<20	<20	14	1.70	1.05	2.67	0.02	0.17	83	10	<2	25	2	<5	<10	0.056	<1		
51	12072		sed	20	24	<20	<20	24	1.35	0.97	1.20	<0.01	0.04	51	15	<2	22	1	<5	<10	0.027	<1		
51	12073		pan	244	66	<20	<20	16	2.21	1.28	1.24	0.03	0.19	42	13	<2	35	3	<5	<10	0.082	<1		
51	12074		pan	233	45	<20	<20	16	2.18	1.48	1.12	0.03	0.19	36	13	<2	35	2	<5	<10	0.077	<1		
51	12075		pan	234	54	<20	<20	14	2.27	1.45	0.54	0.03	0.18	18	11	<2	33	3	5	<10	0.067	<1		
52	11439		pan	317	132	<20	<20	16	5.21	0.76	1.22	0.17	0.38	49	20	4	23	10	10	<10	0.18	<1		
53	11437		sed	18	21	<20	<20	15	1.06	0.79	1.68	<0.01	0.05	45	10	3	16	<1	<5	<10	0.01	<1		
53	11438		pan	215	308	<20	<20	18	1.83	0.31	0.88	0.09	0.13	38	21	10	11	24	10	<10	0.15	<1		
53	12085		pan	253	134	<20	<20	15	1.90	1.02	0.72	0.03	0.14	25	13	<2	30	8	6	<10	0.081	<1		
54	12090	rub	grab	63	247	<20	<20	8	2.45	2.52	3.07	0.06	0.33	88	14	8	46	21	13	<10	0.126	<1		
55	12087		sed	23	28	<20	<20	19	1.30	0.91	0.87	<0.01	0.05	35	11	<2	23	2	5	<10	0.030	<1		
55	12088		pan	305	216	<20	<20	12	1.97	0.98	0.52	0.03	0.14	13	16	<2	27	14	9	<10	0.086	<1		
56	11518	flt	sel	119	61	<20	<20	6	2.84	1.67	0.18	0.03	0.18	6	7	<2	42	3	5	<10	0.02	<1		
57	12011		sed	16	21	<20	<20	40	1.19	0.76	0.96	<0.01	0.06	27	21	<2	17	1	<5	<10	0.010	1		
57	12012		pan	276	30	<20	<20	19	1.93	0.97	0.43	0.04	0.19	28	12	5	30	1	<5	<10	0.034	7		
58	12076		pan	276	32	<20	<20	20	1.73	0.88	1.07	0.04	0.20	48	14	<2	25	1	<5	<10	0.054	6		
59	12077		pan	332	37	<20	<20	22	1.90	0.84	1.25	0.04	0.20	43	19	<2	24	2	6	<10	0.050	7		
59	12078		sed	14	20	<20	<20	42	0.98	0.60	0.91	<0.01	0.04	31	22	<2	17	<1	<5	<10	0.013	2		
60	12079		pan	214	40	<20	<20	21	2.22	0.89	0.15	0.06	0.25	19	9	<2	37	2	<5	<10	0.022	4		
60	12125	flt	sel	107	36	<20	<20	16	1.35	0.77	0.32	0.05	0.11	31	11	2	27	2	7	<10	0.046	3		
61	11443	rub	sel	2	<1	<20	<20	3	0.04	0.25	>10.00	<0.01	0.01	440	2	<2	<1	<1	<5	<10	<0.01	1		
62	11433		sed	17	21	<20	<20	140	1.13	0.59	0.36	<0.01	0.05	11	65	5	15	<1	<5	<10	<0.01	2		
62	11433		pan	378	47	<20	<20	32	4.02	0.92	0.63	0.17	0.75	37	20	8	29	2	5	<10	0.04	10		
63	11434		sed	9	12	<20	<20	32	0.61	0.71	2.02	<0.01	0.03	43	18	3	10	<1	<5	<10	<0.01	2		
63	11435		pan	364	59	<20	<20	27	3.74	1.13	2.87	0.15	0.54	103	23	6	25	3	9	<10	0.08	6		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
63	11436	67.34554	151.61702	Suckik Ck	flt	sel	blk marble w/ 2-3% diss po, qz	Wiseman A-4	C 13	28N	19W	Fairbanks
64	12013	67.28163	151.83017	Timber Ck		pan	tr gar(?), no mag, no vis Au	Wiseman A-4	NW 6	28N	19W	Fairbanks
65	11406	67.30140	151.87070	Bullrun Ck trib		sed		Wiseman B-4	NE 31	29N	19W	Fairbanks
65	11407	67.30140	151.87070	Bullrun Ck trib		pan	no mag, no vis Au	Wiseman B-4	NE 31	29N	19W	Fairbanks
66	12105	67.31714	151.93263	Bullrun Ck rutile site	trn	sel	milky to clear qz w/ tr rutille(?)	Wiseman B-4	NW 25	29N	20W	Fairbanks
67	11408	67.32066	151.88784	Bullrun Ck		sed		Wiseman B-4	SE 19	29N	19W	Fairbanks
67	11409	67.32066	151.88784	Bullrun Ck		pan	abu fine mag, 1 gar, tr sulfides	Wiseman B-4	SE 19	29N	19W	Fairbanks
67	11410	67.32190	151.89016	Bullrun Ck trib		sed		Wiseman B-4	SW 19	29N	19W	Fairbanks
67	11413	67.32190	151.89016	Bullrun Ck trib		pan	tr fine mag	Wiseman B-4	SW 19	29N	19W	Fairbanks
67	11412	67.32232	151.89171	Bullrun Ck	flt	sel	phyllite w/ 2% qz-sulfide stringers	Wiseman B-4	SW 19	29N	19W	Fairbanks
68	10903	67.32638	151.91945	Bullrun Ck trib		sed		Wiseman B-4	NW 24	29N	20W	Fairbanks
68	10904	67.32638	151.91945	Bullrun Ck trib		pan		Wiseman B-4	NW 24	29N	20W	Fairbanks
69	10905	67.32833	151.90722	Bullrun Ck trib		sed		Wiseman B-4	NE 24	29N	20W	Fairbanks
69	10906	67.32833	151.90722	Bullrun Ck trib		pan	tr mag, no vis Au	Wiseman B-4	NE 24	29N	20W	Fairbanks
70	12089	67.34309	151.91848	Crevice Ck	flt	sel	cn sch	Wiseman B-4	SE 12	29N	20W	Fairbanks
71	8014	67.35278	151.84195	Crevice Ck		slu		Wiseman B-4	C 8	29N	19W	Fairbanks
71	12092	67.35176	151.83734	Crevice Ck, East trib		sed		Wiseman B-4	SE 8	29N	19W	Fairbanks
71	12093	67.35176	151.83734	Crevice Ck, East trib		pan	no vis Au, abu mag	Wiseman B-4	SE 8	29N	19W	Fairbanks
71	12094	67.35240	151.83684	Crevice Ck, North trib		sed		Wiseman B-4	NE 8	29N	19W	Fairbanks
71	12095	67.35240	151.83684	Crevice Ck, North trib		pan	1 v fine Au, mod mag	Wiseman B-4	NE 8	29N	19W	Fairbanks
72	12090	67.35523	151.89203	Crevice Ck		pan	1 fine, 1 v fine Au, abu xln mag	Wiseman B-4	NE 7	29N	19W	Fairbanks
72	12091	67.35523	151.89203	Crevice Ck		sed		Wiseman B-4	NE 7	29N	19W	Fairbanks
72	12096	67.35682	151.89722	Crevice Ck	otc	sel	meta qz w/ ca, rutile(?)	Wiseman B-4	NW 7	29N	19W	Fairbanks
73	10547	67.36084	151.91101	Crevice Ck		pan	3 pan comp w/ 2 coarse Au	Wiseman B-4	NE 12	29N	20W	Fairbanks
73	10646	67.36084	151.91101	Crevice Ck	flt	sel	heavy iron-rich schists	Wiseman B-5	NE 1	29N	20W	Fairbanks
73	12097	67.36078	151.91073	Crevice Ck	flt	sel	bio sch w/ qz & 2% po	Wiseman B-4	NW 7	29N	19W	Fairbanks
74	10548	67.36692	151.95066	Crevice Ck		pan	abu mag slt	Wiseman B-4	NW 1	29N	20W	Fairbanks
75	11561	67.38622	151.88952	McCamant Ck		sed		Wiseman B-4	NW 31	30N	19W	Fairbanks
75	11562	67.38622	151.88952	McCamant Ck		pan	3 v fine Au	Wiseman B-4	NW 31	30N	19W	Fairbanks
76	10845	67.38756	151.92840	McCamant Ck		sed		Wiseman B-4	NW 36	30N	20W	Fairbanks
76	10846	67.38756	151.92840	McCamant Ck		pan		Wiseman B-4	NW 36	30N	20W	Fairbanks
76	10847	67.38756	151.92840	McCamant Ck	otc	sel	qz vlets w/ minor po, tr cpy	Wiseman B-4	NW 36	30N	20W	Fairbanks
77	12106	67.41414	151.80948	McCamant Ck		pan	mod ag	Wiseman B-4	NW 21	30N	19W	Fairbanks
77	12107	67.41414	151.80948	McCamant Ck		sed		Wiseman B-4	NW 21	30N	19W	Fairbanks
78	11541	67.40685	151.93899	Allen R		sed		Wiseman B-4	NW 24	30N	20W	Fairbanks
78	11542	67.40685	151.93899	Allen R		pan	no mag, no vis Au	Wiseman B-4	NW 24	30N	20W	Fairbanks
78	11543	67.41012	151.94106	Allen R	flt	sel	greenstone w/ euhedral mag	Wiseman B-4	NW 24	30N	20W	Fairbanks
79	11539	67.40802	152.00441	Moose Trail	flt	sel	mica schist w/ 3% euhdral py	Wiseman B-5	SW 22	30N	20W	Fairbanks

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Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
63	11436	flt	sel	<5			<0.2	4	28	93	<1	7	2	1.8	<5	<5	<5	0.030	1.99	983	<10	10
64	12013		pan	25	<5	2	<0.2	34	8	81	2	48	27	0.4	<5	19	<5	0.050	6.21	1014	<10	49
65	11406		sed	<5			<0.2	52	10	79	<1	45	24	<0.2	<5	17	<5	0.022	4.94	730	<10	36
65	11407		pan	58	<5	<1	<0.2	39	9	82	3	44	27	0.4	<5	11	<5	0.011	6.56	2494	<10	105
66	12105	trn	sel	<5			<0.2	4	4	6	2	6	2	<0.2	<5	<5	<5	<0.010	0.55	161	<10	2
67	11408		sed	<5			<0.2	34	6	50	<1	23	12	<0.2	<5	7	<5	0.016	2.97	1065	<10	20
67	11409		pan	22	<5	2	<0.2	56	8	82	1	29	21	0.4	<5	13	<5	0.011	9.50	3591	<10	109
67	11410		sed	<5			<0.2	35	10	60	<1	29	15	<0.2	<5	16	<5	0.014	3.14	720	<10	15
67	11411		pan	8	<5	<1	<0.2	49	18	84	<1	31	20	0.3	<5	47	<5	0.019	5.27	2023	<10	154
67	11412	flt	sel	14			0.3	14	8	18	24	28	4	0.3	<5	27	<5	0.132	1.22	40	<10	136
68	10903		sed	4			<0.2	19	8	50	<1	17	8	<0.2	<5	7	<5	0.017	2.86	533	<10	22
68	10904		pan	131	<5	<1	<0.2	22	9	56	2	21	10	<0.2	<5	7	<5	0.025	3.12	639	<10	57
69	10905		sed	3			<0.2	37	17	88	1	24	14	0.3	<5	12	<5	0.033	3.31	1571	<10	45
69	10906		pan	>10000	5	2	<0.2	19	10	76	2	21	11	<0.2	<5	9	<5	0.020	3.86	1465	<10	44
70	12089	flt	sel	7			0.2	353	7	57	<1	18	27	0.3	<5	<5	<5	0.037	7.04	2224	<10	98
71	8014		slu		<5	<1	<5			<200	<2	48	26	<10		15	3.4		>10.0		<20	<100
71	12092		sed	<5			<0.2	32	10	66	1	19	12	<0.2	<5	7	<5	<0.010	2.91	734	<10	19
71	12093		pan	1006	<5	<1	0.3	43	24	93	2	33	23	0.3	<5	14	<5	0.040	>10.00	1953	<10	42
71	12094		sed	<5			<0.2	34	8	65	<1	22	15	<0.2	<5	8	<5	<0.010	3.32	622	<10	13
71	12095		pan	9	<5	<1	<0.2	68	12	88	2	38	24	<0.2	<5	<5	<5	0.080	6.55	815	<10	59
72	12090		pan	39.61 ppm	<5	<1	4.7	44	23	82	2	37	25	0.4	<5	10	<5	0.347	>10.00	1071	<10	76
72	12091		sed	<5			<0.2	34	10	74	1	24	19	0.3	<5	13	<5	<0.010	3.66	712	<10	20
72	12096	otc	sel	7			<0.2	6	20	13	3	3	1	0.9	<5	<5	<5	0.011	1.38	2318	<10	4
73	10547		pan	282.31 ppm			11.6	40	56	64	<1	37	23	<0.2	<5	44	10	1.102	>10.00	1220	<10	104
73	10646	flt	sel	44			0.3	203	23	21	<1	8	4	0.3	<5	14	15	<0.010	>10.00	25	<10	17
73	12097	flt	sel	7			<0.2	51	10	67	<1	37	21	<0.2	<5	<5	<5	0.021	3.57	134	<10	53
74	10548		pan	27.12 ppm			1.3	47	91	69	<1	40	24	<0.2	<5	13	<5	0.231	>10.00	1572	<10	84
75	11561		sed	<5			<0.2	45	12	75	1	33	17	0.2	<5	15	<5	0.029	3.82	677	<10	23
75	11562		pan	2603	<5	10	<0.2	42	15	101	1	50	18	0.3	<5	17	<5	0.077	7.14	710	<10	72
76	10845		sed	2			<0.2	30	9	59	<1	22	9	<0.2	<5	10	<5	0.029	2.45	460	<10	16
76	10846		pan	3	<5	<1	<0.2	64	20	131	3	32	23	0.2	<5	9	<5	0.024	9.36	686	<10	57
76	10847	otc	sel	3			<0.2	92	8	78	2	32	10	0.3	<5	6	<5	<0.010	2.57	1014	<10	35
77	12106		pan	<5	<5	<1	<0.2	39	15	129	2	62	21	0.3	<5	24	<5	0.062	6.04	785	<10	73
77	12107		sed	<5			<0.2	29	7	70	<1	30	11	<0.2	<5	18	<5	0.018	2.90	413	<10	15
78	11541		sed	<5			<0.2	37	11	79	1	33	15	0.4	<5	8	<5	0.031	3.78	687	<10	38
78	11542		pan	8	<5	8	<0.2	28	21	76	2	31	13	0.4	<5	9	<5	0.054	4.54	701	<10	161
78	11543	flt	sel	<5			<0.2	80	<2	116	<1	20	43	<0.2	<5	<5	<5	<0.010	9.91	1283	<10	23
79	11539	flt	sel	7			<0.2	33	15	107	1	54	17	0.2	<5	8	<5	<0.010	5.14	649	<10	33

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
63	11436	flt	sel	6	2	<20	<20	6	0.10	1.93	>10.00	0.01	0.04	>2000	9	<2	2	<1	<5	<10	<0.01	<1		
64	12013		pan	291	29	<20	<20	17	1.95	0.73	0.58	0.02	0.14	21	23	<2	23	1	10	<10	0.089	2		
65	11406		sed	38	52	<20	<20	19	1.77	1.24	0.26	<0.01	0.09	14	12	6	22	3	<5	<10	0.02	<1		
65	11407		pan	284	76	<20	<20	14	5.40	1.49	0.63	0.13	0.55	25	32	6	36	5	24	<10	0.15	<1		
66	12105	fm	sel	231	3	<20	<20	1	0.15	0.10	0.50	<0.01	0.02	15	2	<2	3	<1	<5	<10	<0.010	1		
67	11408		sed	19	26	<20	<20	14	1.04	1.33	2.40	<0.01	0.04	40	7	3	12	1	<5	<10	0.02	<1		
67	11409		pan	254	175	<20	<20	17	4.11	1.23	1.30	0.19	0.60	39	32	4	22	14	20	<10	0.20	<1		
67	11410		sed	27	26	<20	<20	12	1.23	1.00	0.41	<0.01	0.04	15	7	4	12	<1	<5	<10	0.02	<1		
67	11411		pan	265	55	<20	<20	16	3.93	1.32	0.36	0.10	0.38	21	23	4	23	3	15	<10	0.14	<1		
67	11412	flt	sel	248	73	<20	<20	5	0.41	0.05	0.15	0.02	0.20	10	3	<2	3	7	<5	<10	<0.01	9		
68	10903		sed	18	25	<20	<20	13	1.01	1.15	3.07	<0.01	0.05	74	8	<2	13	<1	<5	<10	0.03	<1		
68	10904		pan	203	26	<20	<20	9	1.29	1.23	3.05	0.02	0.12	66	7	<2	17	<1	<5	<10	0.04	<1		
69	10905		sed	16	21	<20	<20	13	0.99	1.13	2.70	<0.01	0.06	60	6	<2	13	<1	<5	<10	0.02	<1		
69	10906		pan	147	31	<20	<20	13	1.24	1.30	2.50	0.02	0.11	56	7	<2	14	<1	<5	<10	0.04	<1		
70	12089	flt	sel	31	174	<20	<20	4	2.02	3.17	>10.00	0.03	0.22	850	12	<2	44	14	11	<10	0.322	<1		
71	8014		slu	<50		<200	2	9				<0.05							2.4	<1		<500	1.4	1.9
71	12092		sed	12	21	<20	<20	13	0.88	1.85	4.72	<0.01	0.03	78	8	<2	11	1	<5	<10	0.017	<1		
71	12093		pan	313	164	<20	<20	12	1.63	2.11	7.24	0.03	0.14	144	15	<2	15	10	6	<10	0.105	<1		
71	12094		sed	13	29	<20	<20	18	1.10	0.79	2.05	<0.01	0.03	48	11	<2	18	2	<5	<10	0.013	<1		
71	12095		pan	422	72	<20	<20	14	1.97	1.29	3.49	0.03	0.20	119	11	<2	21	4	<5	<10	0.079	<1		
72	12090		pan	349	299	<20	<20	14	1.13	0.87	3.37	0.03	0.12	100	13	<2	14	21	<5	<10	0.116	<1		
72	12091		sed	14	31	<20	<20	19	1.24	1.03	2.68	<0.01	0.05	60	12	<2	17	2	5	<10	0.013	<1		
72	12096	otc	sel	85	4	<20	<20	2	0.03	0.33	>10.00	<0.01	<0.01	558	47	<2	<1	<1	9	<10	<0.010	<1		
73	10547		pan	222	246	<20	<20	11	1.44	0.71	2.75	0.07	0.23	73	13	<2	11	4	5	<10	0.17	3		
73	10646	flt	sel	66	147	<20	35	2	0.19	0.03	0.02	0.01	0.01	3	2	2	3	<1	<5	<10	0.06	2		
73	12097	flt	sel	150	9	<20	<20	27	1.21	0.58	0.27	0.02	0.40	12	11	3	16	<1	<5	<10	<0.010	<1		
74	10548		pan	169	313	<20	<20	11	1.48	0.73	3.03	0.06	0.22	83	14	<2	12	5	6	<10	0.20	4		
75	11561		sed	17	19	<20	<20	22	1.36	0.93	2.84	<0.01	0.03	87	14	<2	23	<1	<5	<10	<0.01	2		
75	11562		pan	176	47	<20	<20	22	2.78	1.58	2.36	0.07	0.38	85	12	9	33	2	<5	<10	0.01	4		
76	10845		sed	14	16	<20	<20	10	0.80	0.75	4.45	<0.01	0.03	151	8	<2	14	<1	<5	<10	<0.01	<1		
76	10846		pan	131	95	<20	<20	16	1.86	1.08	0.30	0.02	0.12	15	8	<2	29	1	<5	<10	0.03	2		
76	10847	otc	sel	215	23	<20	<20	10	1.27	0.60	2.17	0.04	0.14	62	7	<2	16	<1	<5	<10	<0.01	<1		
77	12106		pan	352	51	<20	<20	24	2.73	1.39	3.99	0.05	0.22	167	11	<2	40	3	<5	<10	0.027	3		
77	12107		sed	16	16	<20	<20	15	1.08	0.87	4.81	<0.01	0.03	175	9	<2	19	<1	<5	<10	<0.010	1		
78	11541		sed	19	22	<20	<20	10	1.25	0.86	2.48	<0.01	0.04	69	6	<2	21	<1	<5	<10	<0.01	3		
78	11542		pan	157	39	<20	<20	20	1.75	1.07	6.10	0.07	0.22	227	7	5	22	2	<5	<10	0.03	4		
78	11543	flt	sel	56	227	<20	<20	5	3.59	2.26	2.30	0.03	0.07	58	14	<2	27	17	18	<10	0.30	<1		
79	11539	flt	sel	228	35	<20	<20	25	2.42	0.99	0.46	0.04	0.14	14	15	<2	39	2	<5	<10	<0.01	3		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
79	11540	67.41089	152.00343	Moose Trail	flt	sel	marble w/ euhedral py (~5mm)	Wiseman B-5	NW 22	30N	20W	Fairbanks
80	10836	67.44217	152.22123	McKinley Ck		sed		Wiseman B-5	NW 10	30N	21W	Fairbanks
80	10837	67.44217	152.22123	McKinley Ck		pan	2 coarse Au, abu mag & py	Wiseman B-5	NW 10	30N	21W	Fairbanks
81	10838	67.44362	152.23211	McKinley Ck trib		pan	mod mag & sulfides	Wiseman B-5	NW 10	30N	21W	Fairbanks
81	10839	67.44343	152.22687	McKinley Ck		pan	2 pan comp, minor mag	Wiseman B-5	NW 10	30N	21W	Fairbanks
81	10840	67.44343	152.22687	McKinley Ck	otc	rep	ch schist w/ rusty sulfides	Wiseman B-5	NW 10	30N	21W	Fairbanks
82	8016	67.44867	151.96125	Allen R	rub	sel	qz vein w/ <1% cpy	Wiseman B-4	NW 11	30N	20W	Fairbanks
83	8015	67.44417	151.94750	Bar Ck	rub	sel	ls w/ 5-10% py, rusty qz	Wiseman C-4	NE 14	31N	20W	Fairbanks
84	11543	67.46004	151.92480	Allen R lode	flt	sel	marble w/ 5-7% fine py, lim	Wiseman B-4	NW 1	30N	20W	Fairbanks
84	11545	67.45983	151.92873	Allen R lode	rub	sel	marble w/ <5% po, 2% py	Wiseman B-4	NW 1	30N	20W	Fairbanks
85	12063	67.43453	151.54426	Unnamed Ck		sed		Wiseman B-4	S 10	30N	18W	Fairbanks
85	12064	67.43453	151.54426	Unnamed Ck		pan	mod mag, minor sulfides, no vis Au	Wiseman B-4	S 10	30N	18W	Fairbanks
85	12065	67.43453	151.54426	Unnamed Ck	flt	sel	marble w/ 10% py	Wiseman B-4	S 10	30N	18W	Fairbanks
86	10912	67.45230	151.64660	Trout Lake		pan	mod mag	Wiseman B-4	SW 6	30N	18W	Fairbanks
87	10915	67.48170	151.68960	Luke Ck	rub	sel	green ch schist w/ cpy, po	Wiseman B-4	SE 25	31N	19W	Fairbanks
87	10916	67.48180	151.69160	Luke Ck	rub	sel	green ch schist w/ 3% py	Wiseman B-4	SE 25	31N	19W	Fairbanks
88	10769	67.50750	151.64670	Seward Ck		sed		Wiseman C-4	SW 18	31N	18W	Fairbanks
88	10770	67.50750	151.64670	Seward Ck		pan	tr mag, no vis Au	Wiseman C-4	SW 18	31N	18W	Fairbanks
89	10771	67.51290	151.64290	Sirr Ck		sed		Wiseman C-4	NE 18	31N	18W	Fairbanks
89	10772	67.51290	151.64290	Sirr Ck		pan	tr mag, no vis Au	Wiseman C-4	NE 18	31N	18W	Fairbanks
90	11442	67.51465	151.77479	Seward Ck lode	otc	sel	dolomite w/ qz stgr, 1% py	Wiseman C-4	NE 13	31N	19W	Fairbanks
91	11546	67.50328	151.96975	Unnamed Occurrence	rub	sel	marble w/ 5-10% py, lim	Wiseman C-4	NW 23	31N	20W	Fairbanks
92	10883	67.51439	152.30976	Unnamed Occurrence	flt	sel	brecciated ls w/ <1% cc, mal	Wiseman C-5	NW 7	31N	21W	Fairbanks
93	10884	67.54835	152.06324	Unnamed Occurrence	otc	sel	ch-qz schist w/ cc, mal, az	Wiseman C-5	NE 5	31N	20W	Fairbanks
93	10885	67.54813	152.05627	Unnamed Occurrence	flt	sel	qz-rich rock w/ <5% py	Wiseman C-5	NW 4	31N	20W	Fairbanks
94	10783	67.58381	151.92731	Sheep Ck, upper	flt	sel	ls w/ 10% cpy, tr mal	Wiseman C-4	SW 24	32N	20W	Fairbanks
94	10784	67.58381	151.92731	Sheep Ck, upper	flt	sel	qz w/ 20% cpy, mal, tr az	Wiseman C-4	SW 24	32N	20W	Fairbanks
94	10785	67.58381	151.92731	Sheep Ck, upper	flt	sel	qz-ch schist w/ mal, fuch	Wiseman C-4	SW 24	32N	20W	Fairbanks
94	10802	67.58416	151.92673	Sheep Ck, upper	flt	sel	vein qz w/ minor mal and az	Wiseman C-4	NW 24	32N	20W	Fairbanks
94	10803	67.58416	151.92673	Sheep Ck, upper	flt	sel	vein qz w/ mal & bn(?)	Wiseman C-4	NW 24	32N	20W	Fairbanks
94	10804	67.58416	151.92673	Sheep Ck, upper	otc	sel	qz vein w/ 5% sulf & po, mal	Wiseman C-4	NW 24	32N	20W	Fairbanks
94	10805	67.58416	151.92673	Sheep Ck, upper	otc	sel	qz vein w/ bn, cpy, po, mal, az	Wiseman C-4	NW 24	32N	20W	Fairbanks
95	10806	67.59627	151.90257	Unnamed Occurrence	flt	sel	micaceous schist w/ bn, mal	Wiseman C-4	SW 18	32N	19W	Fairbanks
95	10807	67.59627	151.90257	Unnamed Occurrence	flt	sel	ls w/ lim	Wiseman C-4	SW 18	32N	19W	Fairbanks
95	10831	67.59614	151.89990	Unnamed Occurrence	flt	sel	qz-ch schist w/ 5% bn, mal	Wiseman C-4	SW 18	32N	19W	Fairbanks
96	12060	67.59000	151.51246	Tobin Ck		sed		Wiseman C-4	N 23	32N	18W	Fairbanks
96	12061	67.59000	151.51246	Tobin Ck		pan	1 fine Au, abu coarse & fine py	Wiseman C-4	N 23	32N	18W	Fairbanks
96	12062	67.59000	151.51246	Tobin Ck		pan	abu coarse & fine py	Wiseman C-4	N 23	32N	18W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
79	11540	flt	sel	<5			1.7	7	13	13	<1	1	<1	0.2	<5	94	<5	<0.010	0.54	297	<10	7
80	10836		sed	<5			<0.2	13	10	39	<1	8	5	<0.2	<5	15	<5	0.028	1.49	310	<10	45
80	10837		pan	625	<5	<1	1	57	296	70	<1	18	15	<0.2	<5	77	9	0.224	7.33	317	<10	33
81	10838		pan	6	<5	<1	<0.2	20	9	28	<1	12	8	<0.2	<5	26	<5	0.015	2.07	257	<10	104
81	10839		pan		<5	<1	0.9	158	286	102	<1	40	28	<0.2	<5	140	11	0.743	9.61	318	<10	27
81	10840	otc	rep	<5			<0.2	14	20	24	<1	8	4	<0.2	<5	<5	<5	<0.010	1.39	301	<10	19
82	8016	rub	sel	<5			<5			<200	<2	<20	<10	<10		73	117.0		0.6		<20	<100
83	8015	rub	sel	<5			<5			<200	<2	<20	<10	<10		2	1.0		1.7		<20	<100
84	11544	flt	sel	8			<0.2	6	35	161	<1	15	4	0.6	<5	113	7	0.160	3.91	128	<10	212
84	11545	rub	sel	9			<0.2	7	14	148	<1	16	3	0.5	<5	107	6	0.150	3.79	116	<10	205
85	12063		sed	<5			<0.2	32	11	85	<1	30	15	0.3	<5	22	<5	0.020	3.33	626	<10	23
85	12064		pan	<5	<5	<1	<0.2	36	10	88	2	39	22	<0.2	<5	14	<5	0.012	4.55	1009	<10	67
85	12065	flt	sel	7			<0.2	127	23	80	<1	30	31	<0.2	<5	14	<5	0.048	7.74	1683	<10	8
86	10912		pan	17	<5	<1	0.2	18	5	62	2	28	14	<0.2	<5	8	<5	0.026	5.86	476	<10	28
87	10915	rub	sel	<1			<0.2	64	<2	91	1	40	45	<0.2	<5	<5	<5	<0.010	9.31	1261	<10	<1
87	10916	rub	sel	2			<0.2	47	10	35	4	28	10	<0.2	<5	33	<5	0.018	3.85	268	<10	47
88	10769		sed	54			<0.2	30	8	58	<1	20	11	<0.2	<5	6	<5	<0.010	4.90	654	<10	10
88	10770		pan	6	<5	<1	<0.2	26	15	99	<1	40	21	<0.2	<5	9	<5	<0.010	5.92	856	<10	39
89	10771		sed	<5			<0.2	28	6	68	<1	27	11	<0.2	<5	9	<5	0.027	3.24	598	<10	21
89	10772		pan	<5	<5	<1	<0.2	40	13	88	<1	35	14	<0.2	<5	14	<5	0.272	4.54	920	<10	49
90	11442	otc	sel	<5			<0.2	70	7	65	2	28	12	0.3	<5	28	<5	0.049	4.24	747	<10	61
91	11546	rub	sel	<5			0.6	3	5	64	<1	5	2	<0.2	<5	<5	<5	0.025	2.26	1447	<10	140
92	10883	flt	sel	6			0.3	385	1744	17	<1	2	<1	<0.2	<5	46	921	0.048	0.48	760	<10	32
93	10884	otc	sel	23			4.8	1664	19	40	19	11	4	0.6	<5	286	67	22.460	1.31	310	<10	86
93	10885	flt	sel	<5			2.1	40	60	83	12	8	1	<0.2	<5	158	20	0.521	4.82	167	<10	56
94	10783	flt	sel	14			1.5	9.00%	28	145	<1	1	6	<0.2	<5	11	<5	0.560	7.83	105	<10	7
94	10784	flt	sel	46			6.6	13.40%	52	212	<1	18	6	<0.2	<5	368	87	17.830	>10.00	31	<10	4
94	10785	flt	sel	<5			0.3	872	27	21	<1	6	2	0.3	<5	<5	<5	0.112	1.00	799	<10	308
94	10802	flt	sel	<5			0.4	1551	<2	25	<1	33	40	<0.2	<5	348	415	18.140	0.45	136	<10	8
94	10803	flt	sel	23			3.8	3597	4	45	6	13	6	<0.2	<5	<5	<5	0.199	1.82	213	<10	23
94	10804	otc	sel	18			5.0	4.70%	20	190	15	45	24	1.3	<5	<5	<5	0.600	>10.00	1430	<10	5
94	10805	otc	sel	26			78.6	16.53%	150	212	1	10	5	1.7	<5	151	6	4.960	4.97	262	12	23
95	10806	flt	sel	17			68.9	11.00%	57	146	<1	8	2	<0.2	<5	<5	<5	1.020	0.66	58	<10	7
95	10807	flt	sel	<5			<0.2	197	<2	93	<1	10	6	<0.2	<5	<5	<5	0.046	4.47	438	<10	8
95	10831	flt	sel	6			2.7	3527	8	51	1	19	8	<0.2	<5	<5	<5	0.172	0.90	103	<10	20
96	12060		sed	<5			<0.2	60	7	178	5	56	17	1.3	<5	14	<5	0.043	3.88	529	<10	108
96	12061		pan	30	<5	<1	<0.2	51	9	157	6	59	22	1.0	<5	30	<5	0.064	5.49	619	<10	63
96	12062		pan	9	<5	1	0.3	56	11	175	8	66	21	1.1	<5	17	<5	0.140	5.07	601	<10	251

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
79	11540	flt	sel	9	2	<20	<20	2	0.07	0.33	>10.00	0.02	0.05	264	10	<2	<1	<1	<5	<10	<0.01	<1		
80	10836		sed	4	7	<20	<20	18	0.38	1.11	>10.00	<0.01	0.02	335	7	<2	8	<1	<5	<10	<0.01	1		
80	10837		pan	58	48	<20	<20	18	0.48	1.08	>10.00	0.01	0.08	346	8	<2	9	3	<5	<10	0.14	3		
81	10838		pan	69	13	<20	<20	15	0.49	0.62	>10.00	<0.01	0.07	464	7	<2	8	<1	<5	<10	0.07	2		
81	10839		pan	112	63	<20	<20	28	0.58	1.04	8.05	<0.01	0.08	281	12	<2	9	5	<5	<10	0.31	5		
81	10840	otc	rep	89	5	<20	<20	11	0.83	0.77	6.28	0.02	0.13	257	14	<2	8	<1	<5	<10	0.01	2		
82	8016	rub	sel	270		<200	<2	<5				0.21							<0.5	<1		<500	<0.5	<0.5
83	8015	rub	sel	100		<200	<2	10				0.85							2.7	<1		<500	0.7	4.3
84	11544	flt	sel	21	3	<20	<20	20	0.29	0.08	0.32	0.01	0.21	8	3	<2	1	<1	<5	<10	<0.01	5		
84	11545	rub	sel	83	6	<20	<20	19	0.43	0.09	0.29	0.01	0.29	8	3	<2	2	<1	<5	<10	<0.01	5		
85	12063		sed	27	30	<20	<20	17	1.21	0.88	0.76	<0.01	0.05	77	6	<2	18	2	<5	<10	0.020	<1		
85	12064		pan	217	49	<20	<20	15	1.98	1.45	3.29	0.02	0.19	126	10	<2	21	3	<5	<10	0.150	<1		
85	12065	flt	sel	126	205	<20	<20	3	2.08	2.62	8.11	0.03	<0.01	527	11	7	49	16	32	<10	0.062	<1		
86	10912		pan	110	52	<20	<20	39	1.26	1.36	9.25	0.03	0.11	317	8	<2	24	<1	<5	<10	0.07	<1		
87	10915	rub	sel	98	232	<20	<20	<1	4.43	4.43	3.32	0.01	<0.01	111	11	5	89	2	21	<10	0.42	<1		
87	10916	rub	sel	222	18	<20	<20	10	1.38	0.36	2.73	0.02	0.22	144	8	<2	14	<1	<5	<10	<0.01	4		
88	10769		sed	24	46	<20	<20	17	0.63	0.67	0.73	<0.01	0.01	24	6	<2	12	4	<5	<10	0.08	<1		
88	10770		pan	121	55	<20	<20	33	1.66	1.28	0.48	0.07	0.12	27	7	3	24	4	<5	<10	0.06	3		
89	10771		sed	24	35	<20	<20	11	1.41	1.13	2.53	<0.01	0.03	73	6	2	16	3	<5	<10	0.04	2		
89	10772		pan	90	49	<20	<20	13	2.07	1.52	4.78	0.02	0.11	158	7	3	25	3	<5	<10	0.06	4		
90	11442	otc	sel	26	6	<20	<20	6	0.82	1.73	3.64	0.04	0.31	140	9	3	6	<1	<5	<10	<0.01	3		
91	11546	rub	sel	65	4	<20	<20	2	0.14	5.10	>10.00	0.01	0.05	944	12	<2	3	<1	<5	<10	<0.01	3		
92	10883	flt	sel	38	12	<20	<20	7	0.05	5.13	>10.00	<0.01	0.03	102	2	<2	3	2	<5	<10	<0.01	2		
93	10884	otc	sel	147	31	<20	<20	1	0.92	0.33	0.72	0.02	0.06	15	2	<2	2	3	<5	<10	<0.01	16		
93	10885	flt	sel	227	99	<20	<20	3	1.29	0.09	0.17	<0.01	<0.01	6	<1	4	<1	7	<5	<10	<0.01	19		
94	10783	flt	sel	<1	1	<20	<20	9	0.02	0.07	>10.00	<0.01	<0.01	298	2	<2	<1	3	<5	<10	<0.01	<1		
94	10784	flt	sel	35	3	<20	<20	3	0.08	<0.01	0.07	0.01	0.02	4	<1	<2	<1	9	<5	<10	<0.01	5		
94	10785	flt	sel	76	11	<20	<20	14	0.67	0.43	9.86	<0.01	0.03	99	17	<2	11	<1	<5	<10	<0.01	3		
94	10802	flt	sel	3	<1	<20	<20	11	<0.01	0.15	>10.00	<0.01	0.01	763	2	<2	4	<1	<5	<10	<0.01	<1		
94	10803	flt	sel	201	23	<20	<20	8	1.44	0.19	0.33	<0.01	0.06	5	3	3	4	2	<5	<10	<0.01	15		
94	10804	otc	sel	35	40	<20	<20	14	2.37	2.17	2.98	<0.01	<0.01	57	8	5	33	6	8	<10	<0.01	22		
94	10805	otc	sel	57	10	<20	<20	27	0.71	0.14	3.01	<0.01	0.11	44	8	3	2	7	<5	<10	<0.01	25		
95	10806	flt	sel	43	14	<20	<20	13	0.76	0.19	0.44	0.07	0.04	24	6	3	9	8	<5	<10	<0.01	9		
95	10807	flt	sel	4	19	<20	<20	10	0.04	6.32	>10.00	<0.01	0.02	268	12	<2	3	2	8	<10	<0.01	<1		
95	10831	flt	sel	197	8	<20	<20	4	0.71	0.37	0.89	0.03	0.07	18	2	<2	13	<1	<5	<10	<0.01	11		
96	12060		sed	30	34	<20	<20	12	1.54	1.20	1.57	<0.01	0.03	58	7	<2	22	2	<5	<10	0.038	3		
96	12061		pan	214	63	<20	<20	7	2.33	1.70	1.95	0.02	0.20	83	7	<2	29	3	<5	<10	0.053	3		
96	12062		pan	202	58	<20	<20	8	2.38	1.81	1.70	0.02	0.17	72	7	<2	29	3	<5	<10	0.053	4		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
97	10641	67.55386	151.57672	Sirr Mtn	otc	rand	silt schist w/ qz-carb lenses	Wiseman C-4	SE 33	32N	18W	Fairbanks
98	10642	67.54461	151.58517	Sirr Mtn	flt	sel	vein qz w/ tet, cpy, mal	Wiseman C-4	NW 4	31N	18W	Fairbanks
99	10643	67.52819	151.59150	Sirr Mtn	flt	rand	qz lenses in schist w/ lim	Wiseman C-4	NW 9	31N	18W	Fairbanks
100	10645	67.52528	151.58964	Sirr Mtn	flt	sel	vein qz w/ tr py, gn, lim	Wiseman C-4	SW 9	31N	18W	Fairbanks
101	10644	67.51750	151.59942	Sirr Mtn	otc	rand	dark gray phyllite	Wiseman C-4	NW 16	31N	18W	Fairbanks
102	12058	67.55718	151.49567	Tobin Ck		sed		Wiseman C-3	C 38	32N	18W	Fairbanks
102	12059	67.55718	151.49567	Tobin Ck		pan	no mag, no vis Au	Wiseman C-3	C 38	32N	18W	Fairbanks
103	10931	67.54030	151.44790	Peak 3915	otc	ran	qz vein w/ apy, tr py, lim	Wiseman C-3	SW 6	31N	17W	Fairbanks
104	10932	67.53910	151.44940	Peak 3915	flt	sel	calc schist w/ qz, py, lim, fuch(?)	Wiseman C-3	SW 6	31N	17W	Fairbanks
105	10955	67.54020	151.46880	Raven Mtn	otc	ran	qz-musc-calc schist w/ mal, fuch	Wiseman C-3	NW 1	31N	18W	Fairbanks
106	10956	67.54030	151.48340	Raven Mtn	flt	sel	qz vein w/ cal, ank(?)	Wiseman C-3	SW 1	31N	18W	Fairbanks
107	10933	67.53890	151.49130	Raven Mtn	rub	sel	qz vein w/ ch partings, tr cpy	Wiseman C-3	SE 2	31N	18W	Fairbanks
108	11034	67.53260	151.48770	Surprise Ck		sed		Wiseman C-3	NW 12	31N	18W	Fairbanks
108	11035	67.53260	151.48770	Surprise Ck		pan	no mag	Wiseman C-3	NW 12	31N	18W	Fairbanks
109	11036	67.52610	151.49290	Surprise Ck	flt	sel	ch-qz schist w/ cv or tet(?), mal	Wiseman C-3	NE 11	31N	18W	Fairbanks
109	11037	67.52610	151.49290	Surprise Ck		sed		Wiseman C-3	NE 11	31N	18W	Fairbanks
109	11038	67.52610	151.49290	Surprise Ck		pan	no mag, no vis Au	Wiseman C-3	NE 11	31N	18W	Fairbanks
110	11039	67.52610	151.49290	Surprise Ck		sed		Wiseman C-3	NE 11	31N	18W	Fairbanks
110	11040	67.52610	151.49290	Surprise Ck		pan	no mag	Wiseman C-3	NE 11	31N	18W	Fairbanks
111	11041	67.52120	151.50620	Surprise Ck	flt	sel	cgl w/ sulfides(?)	Wiseman C-4	SE 11	31N	18W	Fairbanks
112	11042	67.51870	151.51710	Surprise Ck	flt	sel	qz cobble w/ 1% euhedral py	Wiseman C-4	SW 11	31N	18W	Fairbanks
113	10787	67.51720	151.52580	Surprise Ck		sed		Wiseman C-4	NE 15	31N	18W	Fairbanks
113	10788	67.51720	151.52580	Surprise Ck		pan	no mag, no vis Au	Wiseman C-4	NE 15	31N	18W	Fairbanks
114	10786	67.51890	151.53730	Surprise Ck	flt	sel	musc-qz schist w/ mal, fuch(?)	Wiseman C-4	NE 15	31N	18W	Fairbanks
115	10693	67.51664	151.53986	Spring Ck		pan		Wiseman C-4	NE 15	31N	18W	Fairbanks
115	10695	67.51664	151.53986	Spring Ck		sed		Wiseman C-4	NE 15	31N	18W	Fairbanks
115	10690	67.51664	151.53986	Spring Ck	otc	sel	qz-mica schist w/ tr py	Wiseman C-4	NE 15	31N	18W	Fairbanks
116	12050	67.51227	151.53418	Spring Ck		pan	tr mag, no vis Au	Wiseman C-4	NE 15	31N	18W	Fairbanks
116	12051	67.51227	151.53418	Spring Ck		pan	no vis Au	Wiseman C-4	NE 15	31N	18W	Fairbanks
117	12052	67.51228	151.53280	Spring Ck		pan	2 coarse, 3 fine Au; tr mag	Wiseman C-4	NE 15	31N	18W	Fairbanks
117	12053	67.51228	151.53280	Spring Ck			specimen placer sample	Wiseman C-4	NE 15	31N	18W	Fairbanks
118	10691	67.51100	151.51828	Spring Ck		pan		Wiseman C-4	SW 14	31N	18W	Fairbanks
118	10692	67.51100	151.51828	Spring Ck		sed		Wiseman C-4	SW 14	31N	18W	Fairbanks
118	10693	67.51100	151.51828	Spring Ck	trn	sel	vein qz w/ lim, ank(?)	Wiseman C-4	SW 14	31N	18W	Fairbanks
119	10689	67.50656	151.49764	Spring Ck		pan		Wiseman C-3	SE 14	31N	18W	Fairbanks
119	10690	67.50656	151.49764	Spring Ck		sed		Wiseman C-3	SE 14	31N	18W	Fairbanks
120	10687	67.50656	151.49764	Spring Ck trib		pan		Wiseman C-3	SE 14	31N	18W	Fairbanks
120	10688	67.50656	151.49764	Spring Ck trib		sed		Wiseman C-3	SE 14	31N	18W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
97	10641	otc	rand	<5			<0.2	84	6	135	<1	74	21	0.5	<5	<5	<5	<0.010	6.03	1016	<10	30
98	10642	flt	sel	<5			2.1	401	220	1	2	9	<1	0.2	<5	<5	<5	0.074	0.34	41	<10	3
99	10643	flt	rand	<5			<0.2	14	27	38	1	13	4	0.3	<5	17	<5	0.018	2.43	667	<10	38
100	10645	flt	sel	<5			0.3	10	60	25	1	11	3	0.3	<5	6	<5	0.017	1.39	387	<10	11
101	10644	otc	rand	<5			<0.2	52	3	81	<1	31	19	<0.2	<5	<5	<5	<0.010	4.71	1636	<10	44
102	12058		sed	<5			<0.2	40	5	145	4	43	14	1.1	<5	11	<5	0.037	3.25	463	<10	96
102	12059		pan	685	<5	2	<0.2	38	<2	130	5	48	13	1.0	<5	8	<5	0.047	3.63	689	<10	554
103	10931	otc	ran	63			0.5	10	7	35	2	19	10	0.6	<5	162	6	0.045	2.18	901	<10	22
104	10932	flt	sel	<5			0.5	13	7	32	2	9	4	<0.2	<5	14	<5	0.009	2.11	813	<10	18
105	10955	otc	ran	3			0.5	20	4	33	2	18	8	<0.2	<5	<5	7	0.029	2.67	954	<10	31
106	10956	flt	sel	<5			0.4	4	5	34	2	12	7	<0.2	<5	15	6	0.025	4.60	854	<10	13
107	10933	rub	sel	2			0.6	19	53	11	2	6	2	<0.2	<5	<5	<5	<0.010	0.72	477	<10	5
108	11034		sed	4			<0.2	18	6	66	<1	22	11	<0.2	<5	6	<5	0.040	2.97	553	<10	35
108	11035		pan	<1	<5	<1	<0.2	24	7	83	3	42	16	<0.2	<5	13	<5	0.028	4.65	723	<10	74
109	11036	flt	sel	12			1.8	861	8	28	1	12	3	<0.2	<5	<5	<5	0.490	1.44	1059	<10	41
109	11037		sed	3			<0.2	20	6	56	<1	21	10	<0.2	<5	13	<5	0.022	2.54	475	<10	16
109	11038		pan	64	82	<1	<0.2	153	5	69	4	37	15	<0.2	<5	16	<5	0.022	5.29	755	<10	43
110	11039		sed	2			<0.2	20	5	59	<1	22	11	<0.2	<5	9	<5	0.026	2.74	468	<10	25
110	11040		pan	3	<5	<1	<0.2	19	4	93	2	39	20	<0.2	<5	13	<5	0.015	5.07	709	<10	40
111	11041	flt	sel	3			<0.2	15	8	26	1	22	7	<0.2	<5	<5	<5	0.035	1.21	81	<10	63
112	11042	flt	sel	163			0.6	8	10	77	24	24	6	0.4	<5	16	<5	0.090	9.28	5449	<10	24
113	10787		sed	6			<0.2	31	10	83	<1	29	12	<0.2	<5	12	<5	0.027	3.24	651	<10	24
113	10788		pan	3889	<5	<1	<0.2	46	14	105	<1	41	16	<0.2	<5	21	<5	0.013	5.40	702	<10	311
114	10786	flt	sel	<5			<0.2	167	3	24	<1	9	6	<0.2	<5	6	<5	0.027	1.95	931	<10	19
115	10694		pan	617			<0.2	32	11	96	3	46	14	0.2	<5	58	11	0.021	5.08	707	<10	202
115	10695		sed	56			<0.2	33	7	80	1	26	13	0.2	<5	55	7	<0.010	3.18	600	<10	38
115	10696	otc	sel	23			<0.2	24	<2	55	<1	17	8	0.6	<5	309	14	0.126	2.94	528	<10	83
116	12050		pan	105.33 ppm	<5	4	2.3	24	6	61	2	42	14	0.4	<5	22	<5	0.486	3.87	507	<10	44
116	12051		pan	513	<5	2	6.9	76	188	60	3	33	11	0.6	<5	42	21	0.429	3.32	587	<10	37
117	12052		pan	223.97 ppm	<5	2	<0.2	32	6	52	2	21	9	0.4	<5	197	6	0.050	3.31	702	<10	66
117	12053																					
118	10691		pan	592			<0.2	25	24	104	1	51	15	<0.2	<5	22	14	0.020	5.90	668	<10	204
118	10692		sed	20			<0.2	18	6	77	<1	23	12	<0.2	<5	7	<5	<0.010	3.04	530	<10	25
118	10693	trn	sel	6			<0.2	9	22	19	1	10	3	0.2	<5	33	<5	<0.010	1.37	454	<10	11
119	10689		pan	1704			<0.2	16	9	120	1	50	15	<0.2	<5	11	<5	0.020	4.55	775	<10	212
119	10690		sed	48			<0.2	30	10	107	<1	31	15	0.3	<5	22	<5	0.073	3.64	616	<10	34
120	10687		pan	1697			<0.2	28	6	88	2	47	13	<0.2	<5	24	6	0.027	4.71	726	<10	178
120	10688		sed	14			<0.2	22	5	73	<1	21	13	<0.2	<5	11	<5	0.046	3.25	564	<10	30

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
97	10641	otc	rand	129	90	<20	<20	13	3.68	3.64	4.49	0.02	0.14	81	13	7	34	1	9	<10	0.13	8		
98	10642	flt	sel	284	2	<20	<20	<1	0.03	<0.01	0.07	<0.01	<0.01	2	<1	<2	<1	<1	<5	<10	<0.01	1		
99	10643	flt	rand	164	7	<20	<20	3	0.46	0.58	2.33	0.03	0.11	62	6	<2	3	<1	<5	<10	<0.01	10		
100	10645	flt	sel	228	3	<20	<20	<1	0.12	0.13	1.19	0.01	0.04	19	2	<2	<1	<1	<5	<10	<0.01	4		
101	10644	otc	rand	92	50	<20	<20	14	1.40	1.70	1.71	0.12	0.15	90	4	3	18	<1	5	<10	0.05	4		
102	12058		sed	24	29	<20	<20	10	1.29	1.00	1.25	<0.01	0.03	45	6	<2	20	2	<5	<10	0.033	2		
102	12059		pan	200	67	<20	<20	9	2.03	1.46	2.64	0.02	0.22	132	9	<2	23	4	<5	<10	0.050	4		
103	10931	otc	ran	135	13	<20	<20	<1	0.50	0.54	>10.00	0.02	0.06	184	17	<2	4	<1	5	<10	<0.01	<1		
104	10932	flt	sel	152	11	<20	<20	<1	0.42	0.48	9.96	0.01	0.05	159	8	<2	2	<1	<5	<10	<0.01	<1		
105	10955	otc	ran	103	21	<20	<20	1	1.20	1.16	>10.00	0.02	0.11	147	8	<2	5	<1	5	<10	<0.01	<1		
106	10936	flt	sel	122	9	<20	<20	<1	0.05	1.73	8.71	0.01	0.02	429	16	<2	<1	<1	5	<10	<0.01	<1		
107	10933	rub	sel	172	6	<20	<20	<1	0.30	0.23	8.39	<0.01	0.01	222	9	<2	3	<1	<5	<10	<0.01	<1		
108	11034		sed	24	31	<20	<20	15	1.25	0.85	0.53	<0.01	0.03	14	6	<2	15	<1	<5	<10	<0.01	<1		
108	11035		pan	295	53	<20	<20	41	2.11	0.78	0.47	0.05	0.15	23	6	2	25	<1	<5	<10	0.02	4		
109	11036	flt	sel	127	12	<20	<20	1	0.71	0.67	9.65	0.02	0.04	149	7	<2	7	<1	<5	<10	<0.01	<1		
109	11037		sed	16	20	<20	<20	16	0.82	0.49	0.44	<0.01	0.02	15	5	<2	11	<1	<5	<10	<0.01	<1		
109	11038		pan	218	57	<20	<20	70	2.36	1.04	0.82	0.03	0.11	25	9	3	20	<1	<5	<10	0.03	1		
110	11039		sed	23	27	<20	<20	11	1.31	0.92	0.48	<0.01	0.02	14	6	<2	15	1	<5	<10	<0.01	<1		
110	11040		pan	152	52	<20	<20	22	2.59	1.70	0.76	0.02	0.08	21	9	<2	28	<1	<5	<10	0.06	<1		
111	11041	flt	sel	198	23	<20	<20	14	0.73	0.23	0.16	0.01	0.29	13	6	<2	8	<1	<5	<10	<0.01	8		
112	11042	flt	sel	14	17	<20	<20	3	0.04	1.92	>10.00	0.01	0.01	867	30	<2	<1	<1	18	<10	<0.01	<1		
113	10787		sed	21	30	<20	<20	17	1.23	0.87	1.06	<0.01	0.02	31	6	<2	19	2	<5	<10	0.02	1		
113	10788		pan	136	58	<20	<20	30	2.20	1.34	1.86	0.04	0.14	68	8	4	31	4	<5	<10	0.05	4		
114	10786	flt	sel	68	17	<20	<20	11	0.55	0.35	>10.00	0.01	0.05	179	10	<2	3	<1	<5	<10	<0.01	1		
115	10694		pan	303	79	<20	<20	24	3.27	1.20	1.52	0.17	0.50	72	10	3	25	2	7	<10	0.05	2		
115	10695		sed	20	26	<20	<20	9	1.01	0.76	3.49	0.01	0.02	136	6	3	16	5	<5	<10	0.02	3		
115	10696	otc	sel	79	21	<20	<20	5	0.63	0.78	6.03	0.06	0.19	182	6	<2	4	<1	5	<10	<0.01	5		
116	12050		pan	283	46	<20	<20	38	1.27	1.25	0.21	0.07	0.15	29	7	5	23	3	<5	<10	0.049	7		
116	12051		pan	152	51	<20	<20	13	1.42	1.80	1.49	0.03	0.13	94	6	4	29	3	<5	<10	0.033	4		
117	12052		pan	253	22	<20	<20	7	0.79	1.05	5.80	0.02	0.10	190	5	<2	8	<1	<5	<10	<0.010	2		
117	12053																							
118	10691		pan	301	89	<20	<20	35	3.15	1.03	0.32	0.15	0.48	44	9	3	25	2	6	<10	0.07	6		
118	10692		sed	20	28	<20	<20	13	0.95	0.59	0.29	<0.01	0.01	12	5	3	13	4	<5	<10	0.03	2		
118	10693	trn	sel	129	5	<20	<20	<1	0.19	0.51	4.76	0.03	0.03	167	6	<2	2	<1	<5	<10	<0.01	2		
119	10689		pan	299	72	<20	<20	26	3.14	0.93	0.33	0.18	0.49	42	8	4	24	2	8	<10	0.02	6		
119	10690		sed	24	35	<20	<20	13	1.14	0.74	0.36	<0.01	0.02	15	6	3	18	5	<5	<10	0.03	3		
120	10687		pan	377	62	<20	<20	38	2.72	0.73	0.26	0.17	0.42	35	8	3	19	2	8	<10	0.03	6		
120	10688		sed	19	30	<20	<20	13	0.75	0.51	0.31	<0.01	0.02	11	6	3	11	4	<5	<10	0.03	2		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
121	10684	67.49814	151.48206	Spring Ck trib		pan	minor mag	Wiseman B-3	NW 24	31N	18W	Fairbanks
121	10685	67.49814	151.48206	Spring Ck trib		sed		Wiseman B-3	NW 24	31N	18W	Fairbanks
122	10686	67.49919	151.48435	Spring Ck trib	otc	rep	qz-mica schist	Wiseman B-3	NW 24	31N	18W	Fairbanks
123	11616	67.49826	151.51703	Spring Ck ridge	flt	sel	calc-schist w/ xcut qz, abu lim	Wiseman C-4	NW 23	31N	18W	Fairbanks
124	11617	67.49846	151.52145	Spring Ck ridge		soil	lim stained soil	Wiseman B-4	NE 22	31N	18W	Fairbanks
125	10659	67.49419	151.52275	Lake Ck	flt	sel	vein qz w/ unknown mineral	Wiseman B-4	NW 23	31N	18W	Fairbanks
126	10660	67.48786	151.51967	Lake Ck	flt	sel	vein qz w/ lim in schist	Wiseman B-4	SW 22	31N	18W	Fairbanks
127	10512	67.48781	151.49961	Lake Ck	otc	rand	calc-musc schist w/ qz lenses	Wiseman B-3	NE 26	31N	18W	Fairbanks
128	10513	67.48753	151.50603	Lake Ck		sed		Wiseman B-4	NW 26	31N	18W	Fairbanks
128	10514	67.48753	151.50603	Lake Ck		pan	tr mag	Wiseman B-4	NW 26	31N	18W	Fairbanks
129	10515	67.48767	151.51097	Lake Ck	trn	sel	metalve qz w/ tr cpy, mal	Wiseman B-4	NW 26	31N	18W	Fairbanks
129	10516	67.48767	151.51097	Lake Ck	flt	sel	vein qz w/ tr cpy & tet	Wiseman B-4	NW 26	31N	18W	Fairbanks
130	10517	67.48706	151.51228	Lake Ck		pan		Wiseman B-4	NW 26	31N	18W	Fairbanks
130	10518	67.48706	151.51228	Lake Ck		sed		Wiseman B-4	NW 26	31N	18W	Fairbanks
130	10519	67.48706	151.51228	Lake Ck	otc	rand	ch schist w/ qz lenses	Wiseman B-4	NW 26	31N	18W	Fairbanks
130	12103	67.48500	151.51868	Lake Ck	otc	rand	ch-musc-qz-sch w/ qz-carb veins	Wiseman B-4	NW 26	31N	18W	Fairbanks
130	12104	67.48593	151.51690	Lake Ck	otc	rand	qz-ch-sch	Wiseman B-4	NW 26	31N	18W	Fairbanks
131	8011	67.48444	151.51667	Lake Ck	flt	grab	vein qz w/ tet, mal, sid	Wiseman B-4	SW 26	31N	18W	Fairbanks
132	10520	67.48169	151.52383	Lake Ck	otc	rand	qz calcite pebble meta cgl	Wiseman B-4	SW 26	31N	18W	Fairbanks
133	11019	67.46790	151.51700	Lake Ck trib		pan		Wiseman B-4	SE 35	31N	18W	Fairbanks
134	11071	67.46920	151.52730	Lake Ck trib		sed		Wiseman B-4	NW 35	31N	18W	Fairbanks
134	11072	67.46920	151.52730	Lake Ck trib		pan	minor blk sands (not mag)	Wiseman B-4	NW 35	31N	18W	Fairbanks
135	10524	67.47422	151.54558	Lake Ck		pan		Wiseman B-4	NE 34	31N	18W	Fairbanks
135	10525	67.47422	151.54558	Lake Ck		sed		Wiseman B-4	NE 34	31N	18W	Fairbanks
136	10521	67.47422	151.54558	Lake Ck		pan		Wiseman B-4	NE 34	31N	18W	Fairbanks
136	10522	67.47422	151.54558	Lake Ck		sed		Wiseman B-4	NE 34	31N	18W	Fairbanks
136	10523	67.47422	151.54558	Lake Ck	otc	rand	ch schist w/ qz lenses	Wiseman B-4	NE 34	31N	18W	Fairbanks
137	8010	67.47500	151.55076	Lake Ck		slu	concentrate w/ nonmag fraction	Wiseman B-4	NW 34	31N	18W	Fairbanks
138	12080	67.47461	151.56196	Lake Ck		pan	2 fine, 1 fine Au	Wiseman B-4	NW 34	31N	18W	Fairbanks
138	12081	67.47461	151.56196	Lake Ck	flt	sel	fine-grained meta intr w/ 1% py	Wiseman B-4	NW34	31N	18W	Fairbanks
139	8055	67.47444	151.55682	Lake Ck		slu		Wiseman B-4	NW 34	31N	18W	Fairbanks
139	8056	67.47575	151.56672	Lake Ck		slu	Au fineness: 953.7	Wiseman B-4	NW 34	31N	18W	Fairbanks
140	10526	67.47575	151.56672	Lake Ck		slu		Wiseman B-4	NE 33	31N	18W	Fairbanks
140	10762	67.47575	151.56672	Lake Ck		slu		Wiseman B-4	NW 33	31N	18W	Fairbanks
140	10781	67.47575	151.56672	Lake Ck		slu		Wiseman B-4	NE 33	31N	18W	Fairbanks
141	11626	67.47646	151.58233	Lake Ck		slu	blk sand concentrate	Wiseman B-4	NE 33	31N	18W	Fairbanks
141	11627	67.47646	151.58233	Lake Ck		slu	10 mesh sluice consentrate	Wiseman B-4	NE 33	31N	18W	Fairbanks
141	11628	67.47646	151.58233	Lake Ck		slu	+10 mesh sluice concentrate	Wiseman B-4	NE 33	31N	18W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
121	10684		pan	1689			<0.2	47	6	63	2	32	17	0.7	<5	61	8	0.027	5.74	481	<10	81
121	10685		sed	30			<0.2	26	5	65	<1	21	13	<0.2	<5	13	<5	0.058	3.25	476	<10	26
122	10686	otc	rep	<5			<0.2	23	4	43	<1	19	8	<0.2	<5	6	9	0.084	3.05	963	<10	29
123	11616	flt	sel	6			0.6	17	10	56	5	47	35	0.5	<5	37	20	<0.010	3.91	1891	<10	8
124	11617		soil	8			<0.2	30	4	67	1	31	17	0.2	<5	27	7	0.087	4.23	693	<10	31
125	10659	flt	sel	<5			<0.2	12	3	8	<1	3	1	<0.2	<5	<5	<5	<0.010	0.80	493	<10	11
126	10660	flt	sel	<5			<0.2	9	43	6	2	9	2	0.2	<5	16	<5	<0.010	0.61	216	<10	6
127	10512	otc	rand	<5			<0.2	21	5	37	1	14	6	0.2	<5	14	<5	<0.010	2.73	1010	<10	28
128	10513		sed	72			<0.2	11	6	51	<1	17	12	<0.2	<5	<5	<5	0.032	3.87	443	<10	14
128	10514		pan	3043	<5	12	<0.2	23	34	62	2	38	14	<0.2	<5	16	<5	0.112	6.52	576	<10	113
129	10515	flt	sel	<5			<0.2	67	20	10	<1	5	1	0.2	<5	<5	<5	<0.010	0.47	436	<10	8
129	10516	flt	sel	15			0.3	247	20	103	<1	13	15	0.6	<5	49	102	0.055	6.49	2126	<10	9
130	10517		pan	401	<5	18	<0.2	19	75	36	1	41	13	<0.2	<5	12	<5	<0.010	5.17	579	<10	91
130	10518		sed	18			<0.2	21	4	65	<1	23	12	<0.2	<5	7	<5	0.028	3.35	517	<10	20
130	10519	otc	rand	<5			<0.2	13	5	83	<1	40	16	0.2	<5	<5	<5	<0.010	4.42	813	<10	61
130	12103	otc	rand	<5			<0.2	29	9	62	2	24	8	<0.2	<5	13	<5	0.016	3.57	1002	<10	32
130	12104	otc	rand	<5			<0.2	6	7	88	<1	42	21	<0.2	<5	<5	<5	<0.010	4.65	931	<10	74
131	8011	flt	grab	<5			<5			<200	3	<20	<10	<10		2	2.0		0.6		<20	<100
132	10520	otc	rand	<5			<0.2	16	8	28	<1	9	5	0.3	<5	<5	<5	<0.010	2.15	641	<10	57
133	11019		pan	6	<5	<1	<0.2	16	8	87	1	37	21	<0.2	<5	11	<5	<0.010	5.11	733	<10	26
134	11071		sed	1			<0.2	19	4	39	<1	24	14	<0.2	<5	9	<5	0.010	4.03	715	<10	10
134	11072		pan	1	<5	<1	<0.2	15	<2	84	2	36	20	<0.2	<5	11	<5	0.013	5.43	488	<10	25
135	10524		pan	142	<5	8	<0.2	19	11	92	<1	46	21	<0.2	<5	7	<5	<0.010	6.65	538	<10	79
135	10525		sed	<5			<0.2	25	6	70	<1	26	16	<0.2	<5	<5	<5	0.021	3.92	569	<10	15
136	10521		pan	372	<5	11	<0.2	34	11	90	1	47	16	<0.2	<5	15	<5	0.014	6.07	709	<10	98
136	10522		sed	10			<0.2	23	5	61	<1	22	13	<0.2	<5	6	<5	0.018	3.32	569	<10	22
136	10523	otc	rand	<5			<0.2	9	4	72	<1	27	17	<0.2	<5	<5	<5	0.031	4.08	1164	<10	51
137	8010		slu		<5	<1	86			<200	<2	<20	<10	<10		6	16.0		>10.0		<20	<100
138	12080		pan	1726	<5	2	30.2	40	11	101	2	37	19	0.3	<5	72	10	0.039	5.42	968	<10	68
138	12081	flt	sel	6			0.3	31	4	79	1	23	14	<0.2	<5	8	6	0.103	4.41	881	<10	56
139	8055		slu				>300			<2300	<220	<320	56	<300		1930	67.1		>10.0		<2100	<3700
139	8056		slu																			
140	10526		slu		<5	2	116.8	572	3.31%	62	2	134	187	4.2	352	914	28	0.960	>10.00	333	39	12
140	10762		slu				1835.5	2366	41.11%	441	10	36	36	29.5	0.44%	1750	249	1.532	>10.00	124	293	13
140	10781		slu		3930	<70	137.0	540	>10000	101	6	56	46	3.5	308	720	51	3.294	>10.00	646	13	31
141	11626		slu		<5	5	<0.2	230	244	51	3	29	14	0.2	<5	68	<5	2.080	>10.00	259	11	34
141	11627		slu		<5	3	<0.2	41	62	131	2	30	16	<0.2	<5	30	<5	1.220	4.90	715	<10	48
141	11628		slu		<5	4	17.3	696	8477	250	3	49	32	1.1	46	243	72	3.600	7.09	744	<10	50

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
121	10684		pan	317	52	<20	<20	166	1.64	0.48	0.43	0.15	0.28	39	16	7	12	7	9	<10	0.05	8		
121	10685		sed	18	30	<20	<20	15	0.71	0.51	0.29	<0.01	0.01	12	6	3	11	4	<5	<10	0.04	2		
122	10686	otc	rep	54	18	<20	<20	3	0.37	0.06	>10.00	0.05	0.10	168	11	<2	5	<1	5	<10	<0.01	3		
123	11616	flt	sel	134	6	<20	<20	3	0.05	0.82	>10.00	0.01	<0.01	218	21	<2	<1	<1	<5	<10	<0.01	5		
124	11617		soil	20	26	<20	<20	11	0.94	0.63	2.08	<0.01	0.02	28	6	<2	11	<1	<5	<10	<0.01	1		
125	10659	flt	sel	56	4	<20	<20	6	0.21	0.18	>10.00	0.02	0.03	157	10	<2	1	<1	<5	<10	<0.01	2		
126	10660	flt	sel	237	1	<20	<20	<1	0.05	<0.01	0.40	0.01	0.01	7	1	<2	<1	<1	<5	<10	<0.01	2		
127	10512	otc	rand	54	22	<20	<20	<1	1.07	0.73	>10.00	0.07	0.08	178	10	2	11	<1	<5	<10	<0.01	4		
128	10513		sed	23	41	<20	<20	18	0.88	0.85	0.41	<0.01	0.01	14	7	3	8	5	<5	<10	0.07	2		
128	10514		pan	345	72	<20	<20	208	2.57	0.64	0.56	0.31	0.38	53	22	4	15	2	6	<10	0.07	4		
129	10515	otc	sel	81	3	<20	<20	<1	0.18	0.11	>10.00	0.01	0.03	457	10	<2	2	<1	<5	<10	<0.01	<1		
129	10516	flt	sel	13	28	<20	<20	<1	0.47	1.84	>10.00	0.04	0.02	290	17	<2	17	<1	<5	<10	<0.01	2		
130	10517		pan	313	49	<20	<20	29	2.62	1.07	1.16	0.14	0.29	38	7	4	20	3	<5	<10	0.02	3		
130	10518		sed	23	29	<20	<20	11	0.90	0.63	0.55	<0.01	0.01	17	6	3	11	4	<5	<10	0.03	2		
130	10519	otc	rand	66	30	<20	<20	12	2.98	1.62	4.42	0.03	0.26	44	8	6	32	<1	6	<10	<0.01	5		
130	12103	otc	rand	134	25	<20	<20	11	1.87	1.24	5.72	0.03	0.14	79	8	4	23	<1	<5	<10	<0.010	1		
130	12104	otc	rand	107	34	<20	<20	17	3.29	1.87	3.74	0.04	0.27	49	8	7	36	<1	5	<10	<0.010	<1		
131	8011	flt	grab	410		<200	<2	<5				<0.05							1.1	<1		<500	<0.5	<0.5
132	10520	otc	rand	39	10	<20	<20	4	0.75	0.77	>10.00	0.04	0.17	305	9	<2	2	<1	<5	<10	<0.01	3		
133	11019		pan	143	60	<20	<20	14	1.67	1.62	0.51	0.04	0.09	20	6	<2	23	<1	<5	<10	0.10	<1		
134	11071		sed	28	43	<20	<20	19	0.95	0.96	0.43	<0.01	0.01	13	7	<2	14	<1	<5	<10	0.06	<1		
134	11072		pan	168	60	<20	<20	24	1.54	1.44	0.45	0.06	0.10	23	7	<2	21	<1	<5	<10	0.09	<1		
135	10524		pan	188	79	<20	<20	31	2.05	1.53	0.49	0.24	0.41	40	9	<2	23	2	7	<10	0.10	2		
135	10525		sed	29	42	<20	<20	12	0.99	0.92	0.39	<0.01	0.01	17	6	3	16	7	<5	<10	0.06	2		
136	10521		pan	322	61	<20	<20	53	2.82	1.12	1.37	0.21	0.33	56	9	4	24	2	6	<10	0.03	4		
136	10522		sed	20	29	<20	<20	9	0.73	0.62	1.51	<0.01	0.01	53	5	2	12	5	<5	<10	0.04	2		
136	10523	otc	rand	100	39	<20	<20	14	1.45	1.68	1.93	0.12	0.18	116	5	3	19	<1	<5	<10	0.06	4		
137	8010		slu	83		<200	19	<5				<0.05							4.7	<1		<500	1.6	<0.5
138	12080		pan	275	43	<20	<20	16	2.40	1.70	2.51	0.03	0.13	90	8	4	28	2	<5	<10	0.024	3		
138	12081	flt	sel	103	47	<20	<20	6	1.43	1.12	5.32	0.04	0.13	161	4	<2	12	3	6	<10	<0.010	<1		
139	8055		slu	3400		<18000	976	551				<0.10							7.7	<4		<6500	<63.0	45.0
139	8056		slu																					
140	10526		slu	267	145	<20	242	43	0.81	0.40	0.28	0.04	0.07	19	5	<2	9	3	<5	<10	0.11	6		
140	10762		slu	181	152	512	719	191	0.08	0.02	0.12	<0.01	0.01	70	11	<2	<1	7	<5	<10	0.27	4		
140	10781		slu	150	183	64	150	8	1.01	0.68	0.45	0.06	0.11	25	4	<2	15	5	<5	<10	0.07	8		
141	11626		slu	185	186	<20	74	599	0.69	0.36	1.19	0.05	0.07	82	49	4	7	10	<5	<10	0.09	<1		
141	11627		slu	178	38	<20	<20	34	1.44	0.94	1.46	0.06	0.13	63	7	2	18	1	<5	<10	0.04	9		
141	11628		slu	187	47	<20	131	12	1.35	0.88	1.08	0.07	0.14	47	5	<2	18	2	<5	<10	0.04	8		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
142	10913	67.45050	151.64400	Trout Lake		pan	abu mag, no vis Au	Wiseman B-4	SE 5	30N	18W	Fairbanks
142	10914	67.45040	151.63810	Trout Lake	flt	rep	greenstone w/ 1% py	Wiseman B-4	SE 5	30N	18W	Fairbanks
143	10910	67.45610	151.57490	Sentinel Rock trib		sed		Wiseman B-4	NW 4	30N	18W	Fairbanks
143	10911	67.45610	151.57490	Sentinel Rock trib		pan	no vis Au	Wiseman B-4	NW 4	30N	18W	Fairbanks
143	12082	67.45612	151.57600	Sentinel Rock trib		pan	mod fine mag	Wiseman B-4	NE 4	30N	18W	Fairbanks
143	12083	67.45612	151.57600	Sentinel Rock trib		pan	mod fine mag	Wiseman B-4	NE 4	30N	18W	Fairbanks
144	11615	67.45049	151.54578	Sentinel Rock	flt	sel	marble w/ aggt qz, minor mag	Wiseman B-4	SW 3	30N	18W	Fairbanks
145	11614	67.45087	151.53947	Sentinel Rock	otc	sel	ch greenschist w/ 4% diss mag	Wiseman B-4	SE 3	30N	18W	Fairbanks
146	12084	67.45058	151.54258	Sentinel Rock	otc	grab	gn sch	Wiseman B-4	SE 3	30N	18W	Fairbanks
147	11018	67.46700	151.48280	Mathews Dome	rub	sel	qz-calc schist w/ 0.5 cm py	Wiseman B-3	SW 36	31N	18W	Fairbanks
148	10552	67.46778	151.48114	Mathews Dome	flt	sel	ch schist w/ py cubes and lim	Wiseman B-3	SW 36	31N	18W	Fairbanks
149	11070	67.46920	151.48175	Mathews Dome	rub	sel	ch schist w/ qz, py, lim	Wiseman B-3	SW 36	31N	18W	Fairbanks
150	10553	67.46972	151.48094	Mathews Dome	flt	sel	ch schist w/ qz, small py cubes	Wiseman B-3	NW 36	31N	18W	Fairbanks
150	11016	67.47140	151.48070	Mathews Dome	otc	sel	qz vein w/ tet, mal, bn (?)	Wiseman B-3	NW 36	31N	18W	Fairbanks
150	11017	67.47140	151.48070	Mathews Dome	otc	chip	calc schist w/ tet, mal	Wiseman B-3	NW 36	31N	18W	Fairbanks
151	10658	67.47092	151.48028	Mathews Dome	otc	sel	qz veins w/ tet, mal	Wiseman B-3	NW 36	31N	18W	Fairbanks
152	10927	67.48664	151.43681	Oregon Ck		sed		Wiseman B-3	NW 30	31N	17W	Fairbanks
152	10928	67.48664	151.43681	Oregon Ck		pan	tr mag, no vis Au	Wiseman B-3	NW 30	31N	17W	Fairbanks
153	10929	67.48273	151.42570	Oregon Ck		sed		Wiseman B-3	NE 30	31N	17W	Fairbanks
153	10930	67.48273	151.42570	Oregon Ck		pan	tr mag, no vis Au	Wiseman B-3	NE 30	31N	17W	Fairbanks
154	10922	67.48820	151.28111	Agnes Ck		sed		Wiseman B-3	NW 26	31N	17W	Fairbanks
154	10923	67.48820	151.28111	Agnes Ck		pan	mod sulfides, no vis Au	Wiseman B-3	NW 26	31N	17W	Fairbanks
154	10924	67.48820	151.28111	Agnes Ck	otc	rep	graphitic schist w/ py, cpy(?)	Wiseman B-3	NW 26	31N	17W	Fairbanks
154	10925	67.48835	151.28150	Agnes Ck		sed		Wiseman B-3	NE 26	31N	17W	Fairbanks
154	10926	67.48835	151.28150	Agnes Ck		pan	abu qz, no vis Au, no mag	Wiseman B-3	NE 26	31N	17W	Fairbanks
155	10909	67.46833	151.27349	Birch Ck	rub	sel	qz-mica schist w/ py, cpy(?)	Wiseman B-3	SE 35	31N	17W	Fairbanks
156	10897	67.44667	151.36610	Birch Ck		sed		Wiseman B-3	NW 2	30N	17W	Fairbanks
157	10858	67.44888	151.33937	Rue Ck		sed		Wiseman B-3	SE 4	30N	17W	Fairbanks
157	10859	67.44888	151.33937	Rue Ck		pan	taken from outbank	Wiseman B-3	SE 4	30N	17W	Fairbanks
158	10860	67.44661	151.32794	Birch Ck		pan	2 coarse Au	Wiseman B-3	NW 10	30N	17W	Fairbanks
158	10894	67.44662	151.32793	Birch Ck	flt	sel	rusty qz vlets	Wiseman B-3	NW 10	30N	17W	Fairbanks
159	10895	67.44469	151.31386	Birch Ck	flt	sel	rusty qz vlets w/ 1% py	Wiseman B-3	NE 10	30N	17W	Fairbanks
159	10896	67.44469	151.31386	Birch Ck		sed		Wiseman B-3	NE 10	30N	17W	Fairbanks
160	10907	67.42985	151.29320	Birch Ck, Peak 4130	rub	sel	greenschist w/ cpy, diss mag	Wiseman B-3	NE 14	30N	17W	Fairbanks
160	10908	67.43024	151.28948	Birch Ck, Peak 4130	otc	sel	qz-ch schist w/ py cubes, lim	Wiseman B-3	NE 14	30N	17W	Fairbanks
160	10921	67.43000	151.29167	Birch Ck, Peak 4130	otc	spec	greenschist w/ 5% mag	Wiseman B-3	NW 14	30N	17W	Fairbanks
161	12109	67.42536	151.18886	Kay Ck		pan	minor py, tr po (?)	Wiseman B-3	NW 17	30N	16W	Fairbanks
161	12110	67.42536	151.18886	Kay Ck		sed		Wiseman B-3	NW 17	30N	16W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
142	10913		pan	7	<5	<1	0.5	14	9	53	2	25	12	<0.2	<5	11	<5	0.024	4.65	452	<10	36
142	10914	flt	rep	<1			<0.2	47	<2	86	2	23	27	<0.2	<5	<5	<5	<0.010	6.82	889	<10	167
143	10910		sed	2			<0.2	34	8	72	<1	28	13	<0.2	<5	18	<5	0.038	3.76	940	<10	29
143	10911		pan	4267	<5	<1	<0.2	15	3	82	2	38	19	<0.2	<5	9	<5	0.019	4.77	744	<10	31
143	12082		pan	8.01 ppm	<5	<1	<0.2	25	4	86	2	45	23	<0.2	<5	11	<5	0.015	5.36	836	<10	53
143	12083		pan	17	<5	<1	<0.2	17	3	91	1	44	22	<0.2	<5	10	<5	0.032	4.89	867	<10	45
144	11015	flt	sel	14			0.5	8	8	29	1	9	3	<0.2	<5	<5	<5	<0.010	1.50	1005	<10	8
145	11614	otc	sel	<5			<0.2	27	<2	35	<1	23	21	<0.2	<5	<5	<5	<0.010	4.12	545	<10	40
146	12084	otc	grab	9			<0.2	75	<2	36	<1	62	28	<0.2	<5	<5	<5	0.033	2.89	690	<10	4
147	11018	rub	sel	18			<0.2	36	17	121	1	45	28	0.9	<5	46	<5	<0.010	7.39	3158	<10	17
148	10552	flt	sel	<5			<0.2	121	<2	75	3	30	32	<0.2	<5	16	<5	0.012	9.02	779	<10	1
149	11070	rub	sel	<1			<0.2	25	19	74	3	33	16	<0.2	<5	6	<5	0.022	3.60	510	<10	35
150	10553	flt	sel	25			<0.2	50	24	65	<1	25	16	0.2	<5	12	<5	0.020	3.99	944	<10	31
150	11016	otc	sel	62			5.1	4003	16	29	1	16	8	<0.2	9	<5	<5	0.540	1.45	413	<10	10
150	11017	otc	chip	14			8.1	8631	31	39	2	14	7	<0.2	7	<5	<5	1.730	2.22	1152	<10	7
151	10658	otc	sel	9			4.1	5188	5	43	1	17	9	<0.2	<5	<5	<5	0.075	1.66	473	<10	14
152	10927		sed	5			<0.2	13	5	58	<1	19	11	<0.2	<5	8	<5	0.018	3.89	369	<10	8
152	10928		pan	7	5	<1	<0.2	29	3	90	1	34	19	<0.2	<5	<5	<5	0.061	5.40	672	<10	27
153	10929		sed	160			<0.2	13	5	57	<1	28	10	<0.2	<5	6	<5	0.029	3.90	527	<10	14
153	10930		pan	134	<5	<1	<0.2	67	4	98	2	57	21	<0.2	<5	6	<5	0.027	5.18	615	<10	62
154	10922		sed	3			<0.2	23	11	92	1	29	13	<0.2	<5	10	<5	0.031	3.37	536	<10	18
154	10923		pan	15	<5	<1	0.6	63	15	118	2	44	21	<0.2	<5	20	<5	0.209	7.16	501	<10	56
154	10924	otc	rep	<1			<0.2	30	31	47	2	21	9	<0.2	<5	<5	<5	<0.010	2.72	605	<10	46
154	10925		sed	3			<0.2	40	10	88	1	30	12	0.2	<5	10	<5	0.033	3.28	552	<10	17
154	10926		pan	28	<5	<1	<0.2	38	22	115	3	43	22	0.2	<5	44	<5	0.083	7.93	664	<10	54
155	10909	rub	sel	35			2.6	88	294	125	7	46	37	7.2	<5	1767	<5	0.408	>10.00	1228	<10	5
156	10897		slu		<70	<70	4.4	105	847	102	2	61	27	0.7	6	381	<5	0.063	>10.00	611	<10	21
157	10858		sed	2			<0.2	23	9	81	<1	32	12	<0.2	<5	7	<5	0.022	3.09	536	<10	27
157	10859		pan	<1	<5	<1	<0.2	42	14	114	2	61	24	<0.2	<5	16	<5	0.017	3.98	696	<10	35
158	10860		pan	262.98 ppm	<5	<1	7.3	53	10	155	2	79	33	0.4	<5	27	<5	3.073	5.45	942	<10	46
158	10894	flt	sel	4			1.2	26	163	32	3	29	10	0.6	<5	96	<5	0.016	1.30	442	<10	48
159	10895	flt	sel	6			<0.2	80	45	107	1	55	22	<0.2	<5	13	<5	0.011	4.90	878	<10	4
159	10896		sed	4			<0.2	39	14	103	2	39	15	0.4	<5	10	<5	0.045	3.49	565	<10	29
160	10907	rub	sel	<1			<0.2	6	<2	41	1	5	27	<0.2	<5	<5	<5	<0.010	9.68	921	<10	<1
160	10908	otc	sel	1			<0.2	3	<2	108	2	33	11	<0.2	<5	<5	<5	<0.010	8.17	1702	<10	33
160	10921	otc	spac	<1			<0.2	27	<2	80	2	11	38	<0.2	<5	6	<5	<0.010	7.00	759	<10	42
161	12109		pan	<5	<5	<1	<0.2	41	10	120	3	50	17	<0.2	<5	12	<5	0.011	5.11	656	<10	68
161	12110		sed	<5			<0.2	36	7	93	2	46	17	0.3	<5	15	<5	0.011	3.88	636	<10	18

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
142	10913		pan	60	41	<20	<20	19	1.14	1.14	>10.00	0.02	0.11	472	7	<2	20	1	<5	<10	0.06	<1		
142	10914	flt	rep	40	147	<20	<20	9	2.62	1.96	2.37	0.09	0.39	54	25	5	9	<1	8	<10	0.24	<1		
142	10910		sed	27	37	<20	<20	17	1.01	1.11	0.87	<0.01	0.04	34	7	<2	20	<1	<5	<10	0.04	<1		
143	10911		pan	138	51	<20	<20	25	1.21	1.22	0.59	0.04	0.09	30	6	<2	28	<1	<5	<10	0.08	<1		
143	12082		pan	306	63	<20	<20	48	1.55	1.28	0.88	0.08	0.17	51	8	<2	27	4	<5	<10	0.083	<1		
143	12083		pan	191	54	<20	<20	24	1.47	1.34	0.77	0.06	0.14	42	6	<2	28	3	<5	<10	0.068	<1		
144	11615	flt	sel	131	9	<20	<20	<1	0.56	1.45	>10.00	0.01	0.02	385	15	<2	9	<1	<5	<10	<0.01	2		
145	11614	otc	sel	100	110	<20	<20	<1	1.09	0.96	2.28	0.04	0.07	53	9	<2	15	8	<5	<10	0.34	<1		
146	12084	otc	grab	153	63	<20	<20	1	2.05	1.78	2.73	0.03	<0.01	37	4	<2	20	5	<5	<10	0.402	<1		
147	11018	rub	sel	71	26	<20	<20	14	1.99	4.20	8.15	0.01	0.08	191	12	<2	35	5	7	<10	<0.01	7		
148	10552	flt	sel	83	72	<20	<20	<1	4.45	4.33	0.68	0.01	<0.01	28	<1	4	38	<1	<5	<10	0.28	<1		
149	11070	rub	sel	214	50	<20	<20	21	2.44	1.01	0.22	0.03	0.11	11	6	3	24	<1	<5	<10	<0.01	9		
150	10553	flt	sel	136	23	<20	<20	6	1.54	1.07	3.68	0.07	0.14	169	8	4	19	<1	<5	<10	0.01	3		
150	11016	otc	sel	199	11	<20	<20	2	0.78	0.62	2.63	0.02	0.04	76	6	<2	12	3	<5	<10	<0.01	1		
150	11017	otc	chip	132	5	<20	<20	2	0.24	0.15	7.91	0.05	0.03	190	8	<2	3	6	<5	<10	<0.01	4		
151	10658	otc	sel	219	15	<20	<20	2	0.74	0.73	0.84	0.04	0.05	29	2	<2	11	3	<5	<10	<0.01	2		
152	10927		sed	23	44	<20	<20	13	0.61	0.68	0.44	<0.01	0.01	16	7	<2	11	<1	<5	<10	0.07	<1		
152	10928		pan	157	54	<20	<20	41	1.15	1.20	0.76	0.06	0.10	30	7	<2	21	<1	<5	<10	0.08	<1		
153	10929		sed	23	40	<20	<20	10	0.69	0.75	0.65	<0.01	0.01	18	7	<2	13	<1	<5	<10	0.06	<1		
153	10930		pan	117	38	<20	<20	51	1.82	1.85	1.53	0.05	0.13	67	7	<2	41	<1	<5	<10	0.04	3		
154	10922		sed	21	20	<20	<20	27	1.36	0.80	0.66	<0.01	0.03	19	6	<2	28	<1	<5	<10	<0.01	3		
154	10923		pan	174	31	<20	<20	14	2.49	1.19	0.45	0.04	0.15	20	5	<2	50	1	<5	<10	<0.01	9		
154	10924	otc	rep	218	14	<20	<20	10	1.21	0.83	0.86	0.03	0.16	31	4	<2	22	1	<5	<10	<0.01	2		
154	10925		sed	18	18	<20	<20	21	1.24	0.79	1.45	<0.01	0.03	40	8	<2	16	<1	<5	<10	<0.01	4		
154	10926		pan	152	36	<20	<20	9	2.56	1.19	2.14	0.03	0.15	78	7	<2	49	<1	<5	<10	0.01	9		
155	10909	rub	sel	57	68	<20	<20	<1	1.82	1.33	2.37	0.04	0.04	94	4	<2	40	<1	11	<10	<0.01	<1		
156	10897		slu	144	116	<20	<20	13	1.34	0.48	0.17	0.03	0.15	12	6	<2	20	<1	<5	<10	<0.01	2		
157	10858		sed	23	20	<20	<20	25	1.29	0.62	0.21	<0.01	0.04	9	8	<2	23	<1	<5	<10	<0.01	<1		
157	10859		pan	176	28	<20	<20	23	1.72	0.81	0.19	0.02	0.11	9	11	<2	29	<1	<5	<10	<0.01	3		
158	10860		pan	157	30	<20	<20	25	2.22	0.95	0.20	0.03	0.15	14	9	<2	37	<1	<5	<10	<0.01	3		
158	10894	flt	sel	234	8	<20	<20	9	0.36	0.09	0.21	0.04	0.09	25	4	<2	3	<1	<5	<10	<0.01	<1		
159	10895	flt	sel	157	85	<20	<20	23	1.81	1.15	0.45	0.10	0.02	33	6	3	23	<1	10	<10	0.02	<1		
159	10896		sed	21	22	<20	<20	27	1.36	0.69	0.42	<0.01	0.04	12	13	<2	28	<1	<5	<10	<0.01	<1		
160	10907	rub	sel	34	136	<20	<20	5	2.30	1.98	1.85	0.05	<0.01	36	20	3	31	1	7	<10	0.24	<1		
160	10908	otc	sel	187	32	<20	<20	9	1.60	2.91	3.71	0.01	0.12	40	10	<2	79	<1	6	<10	<0.01	<1		
160	10921	otc	spac	60	239	<20	<20	<1	2.59	2.21	1.53	0.04	0.10	46	5	4	35	<1	<5	<10	0.70	<1		
161	12109		pan	350	37	<20	<20	18	2.76	1.29	1.11	0.04	0.23	56	10	<2	49	1	<5	<10	<0.010	3		
161	12110		sed	19	21	<20	<20	20	1.44	0.77	1.06	<0.01	0.02	35	12	<2	30	<1	<5	<10	<0.010	2		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
161	12111	67.42536	151.18886	Kay Ck	flt	sel	marble w/ 2% py, tr po	Wiseman B-3	NW 17	30N	16W	Fairbanks
161	12112	67.42577	151.19216	Kay Ck		pan	1 coarse, nuggety Au, mod py	Wiseman B-3	NW 17	30N	16W	Fairbanks
162	10850	67.42235	151.24700	Jay Ck	otc	sel	greenschist w/ 3 % py, cpy(?)	Wiseman B-3	SE 13	30N	17W	Fairbanks
162	10851	67.42374	151.24782	Jay Ck	otc	rep	qz vein w/ py, cpy	Wiseman B-3	SW 13	30N	17W	Fairbanks
163	10848	67.41802	151.25564	Jay Ck	otc	rep	qz vein w/ tr sulfides	Wiseman B-3	SW 24	30N	17W	Fairbanks
163	10849	67.41802	151.25564	Jay Ck	flt	sel	qtz w/ red stain (glassy texture)	Wiseman B-3	SW 24	30N	17W	Fairbanks
163	10852	67.42083	151.25621	Jay Ck		sed		Wiseman B-3	SW 13	30N	17W	Fairbanks
163	10853	67.42083	151.25621	Jay Ck		pan	mod mag	Wiseman B-3	SW 13	30N	17W	Fairbanks
163	10854	67.42083	151.25621	Jay Ck		pan		Wiseman B-3	SW 13	30N	17W	Fairbanks
164	10890	67.41167	151.30716	Jay Ck		sed		Wiseman B-3	SE 22	30N	17W	Fairbanks
164	10891	67.41167	151.30716	Jay Ck		pan	no mag	Wiseman B-3	SE 22	30N	17W	Fairbanks
165	10855	67.40853	151.29625	Jay Ck		pan	mod mag, 1 py cube (1 mm)	Wiseman B-3	SW 23	30N	17W	Fairbanks
166	10782	67.40802	151.31212	Jay Ck		slu	abu mag	Wiseman B-3	SE 22	30N	17W	Fairbanks
166	10856	67.40821	151.30706	Jay Ck		pan	mod mag, no vis Au	Wiseman B-3	SE 22	30N	17W	Fairbanks
166	10892	67.40740	151.30716	Jay Ck		sed		Wiseman B-3	SE 22	30N	17W	Fairbanks
167	12102	67.40694	151.35076	Rye Ck		slu	1 coarse, 6 fine, 12 v fine Au	Wiseman B-3	SE 21	30N	17W	Fairbanks
168	10857	67.40581	151.33340	Jay Ck	flt	sel	greenstone w/ 3 % py	Wiseman B-3	SW 22	30N	17W	Fairbanks
168	10886	67.40410	151.33778	Rye Ck		sed		Wiseman B-3	SW 22	30N	17W	Fairbanks
168	10887	67.40410	151.33778	Rye Ck		pan	1 fine Au, abu mag, minor py	Wiseman B-3	SW 22	30N	17W	Fairbanks
168	10888	67.40455	151.33665	Jay Ck		sed		Wiseman B-3	SW 22	30N	17W	Fairbanks
168	10889	67.40455	151.33665	Jay Ck		pan		Wiseman B-3	SW 22	30N	17W	Fairbanks
168	10893	67.40455	151.33665	Jay Ck	flt	sel	marble w/ 1% py	Wiseman B-3	SW 22	30N	17W	Fairbanks
169	12117	67.39825	151.31838	Jay Ck	flt	sel	friable sandstone w/ fine apy(?)	Wiseman B-3	NE 27	30N	17W	Fairbanks
169	12118	67.39829	151.31732	Jay Ck		sed		Wiseman B-3	NE 27	30N	17W	Fairbanks
169	12119	67.39829	151.31732	Jay Ck		pan	mod mag, tr py	Wiseman B-3	NE 27	30N	17W	Fairbanks
169	12120	67.39833	151.31813	Jay Ck		pan	mod mag, py	Wiseman B-3	NE 27	30N	17W	Fairbanks
169	12121	67.39833	151.31814	Jay Ck		sed		Wiseman B-3	NE 27	30N	17W	Fairbanks
169	12122	67.39833	151.31814	Jay Ck	flt	sel	rusty qz w/ po, py, lim	Wiseman B-3	NE 27	30N	17W	Fairbanks
169	12153	67.40000	151.31895	Rye Ck, Lucky Gulch	otc	rmd	calc-sil sch w/ <1% py	Wiseman B-3	NE 27	30N	17W	Fairbanks
169	12154	67.40000	151.31895	Rye Ck, Lucky Gulch		pan	1 v fine Au, mod mag	Wiseman B-3	NE 27	30N	17W	Fairbanks
169	12155	67.40000	151.31895	Rye Ck, Lucky Gulch	flt	sel	greenstone w/ <1% py	Wiseman B-3	NE 27	30N	17W	Fairbanks
169	12527	67.39717	151.31383	Lucky Ck	flt	sel	calc-silicate w/ py, mag, cpy	Wiseman B-3	NE 27	30N	17W	Fairbanks
170	12503	67.39417	151.30903	Lucky trib		sed		Wiseman B-3	SE 27	30N	17W	Fairbanks
170	12504	67.39417	151.30903	Lucky trib		pan	no vis Au, abu fine & coarse mag	Wiseman B-3	SE 27	30N	17W	Fairbanks
170	12505	67.39313	151.30550	Lucky trib		sed		Wiseman B-3	SE 27	30N	17W	Fairbanks
170	12506	67.39313	151.30550	Lucky trib		pan	no vis Au, abu mag, tr py	Wiseman B-3	SE 27	30N	17W	Fairbanks
171	12507	67.39666	151.27758	Lucky Ck		pan	no vis Au, abu mag, tr py	Wiseman B-3	NE 26	30N	17W	Fairbanks
171	12508	67.39666	151.27758	Lucky trib		pan	no vis Au, mod mag, tr py	Wiseman B-3	SE 26	30N	17W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
161	12111	flt	sel	13			0.4	15	44	57	<1	14	5	<0.2	<5	<5	<5	0.014	1.55	540	<10	18
161	12112		pan	222.52 ppm	<5	<1	2.7	16	6	56	<1	22	8	0.7	<5	7	<5	4.865	2.41	316	<10	28
162	10850	otc	sel	<5			<0.2	41	16	75	1	9	26	<0.2	<5	<5	<5	<0.010	6.95	1535	<10	117
162	10851	otc	rep	21			<0.2	32	4	18	3	10	10	0.2	<5	82	<5	0.021	2.72	353	<10	11
163	10848	otc	rep	<5			<0.2	13	20	12	2	6	3	<0.2	<5	<5	<5	0.011	0.63	146	<10	8
163	10849	flt	sel	<1			<0.2	8	18	30	2	9	2	<0.2	<5	<5	<5	<0.010	0.97	138	<10	14
163	10852		sed	16			<0.2	55	16	144	2	43	22	0.6	<5	11	<5	0.061	5.20	1705	<10	68
163	10853		pan	9	<5	3	0.4	158	50	110	3	65	32	0.4	<5	45	<5	0.096	8.28	554	<10	53
163	10854		pan	6	7	1	<0.2	38	18	99	4	37	19	<0.2	<5	16	<5	0.018	2.64	648	<10	58
164	10890		sed	4			<0.2	30	14	86	2	30	14	0.2	<5	8	<5	0.018	2.88	414	<10	20
164	10891		pan	19	<5	<1	<0.2	36	13	116	3	41	28	<0.2	<5	10	<5	0.025	4.76	657	<10	46
165	10855		pan	2	<5	<1	<0.2	30	10	108	2	33	19	<0.2	<5	7	<5	0.012	8.47	571	<10	40
166	10782		slu		<70	<70	0.8	91	299	51	2	43	21	<0.2	<5	<5	<5	0.240	>10.00	226	<10	<1
166	10856		pan	1	8	<1	<0.2	54	20	106	3	35	19	<0.2	<5	7	<5	0.018	8.57	790	<10	43
166	10892		sed	2			<0.2	34	12	80	<1	22	11	<0.2	<5	6	<5	0.017	2.12	660	<10	27
167	12102		slu		<5	2	3.3	41	2033	101	3	63	39	1.6	<5	298	<5	0.306	>10.00	265	18	31
168	10857	flt	sel	5			<0.2	125	<2	43	1	11	40	<0.2	<5	6	<5	0.012	6.33	717	<10	<1
168	10886		sed	2			<0.2	17	10	47	<1	14	8	<0.2	<5	6	<5	0.017	2.15	470	<10	21
168	10887		pan	>10000	<5	<1	0.4	33	64	52	3	30	27	<0.2	<5	18	<5	0.103	>10.00	349	<10	42
168	10888		sed	3			<0.2	36	12	56	<1	21	13	<0.2	<5	<5	<5	0.016	2.59	639	<10	18
168	10889		pan	183	<5	<1	<0.2	42	13	78	2	24	13	<0.2	<5	6	<5	0.034	4.45	523	<10	34
168	10893	flt	sel	1			1.0	2	9	11	<1	2	1	<0.2	<5	<5	<5	<0.010	0.66	177	<10	35
169	12117	flt	sel	<5			<0.2	18	11	4	2	6	2	<0.2	<5	<5	<5	0.016	0.79	41	<10	17
169	12118		sed	<5			<0.2	22	9	56	<1	19	12	<0.2	<5	10	<5	<0.010	2.86	582	<10	23
169	12119		pan	3459	6	<1	0.4	25	7	67	3	30	15	<0.2	<5	7	<5	0.074	6.04	526	<10	67
169	12120		pan	38	<5	<1	0.3	23	13	83	1	28	16	<0.2	<5	8	<5	0.016	7.32	496	<10	71
169	12121		sed	<5			<0.2	22	7	49	<1	15	11	<0.2	<5	9	<5	<0.010	2.43	421	<10	19
169	12122	flt	sel	<5			<0.2	46	4	4	2	35	16	0.4	<5	54	9	0.047	1.54	47	<10	2
169	12123	otc	rand	<5			<0.2	6	15	19	<1	5	3	<0.2	<5	<5	<5	0.011	1.08	298	<10	92
169	12154		pan	6572	<5	<1	<0.2	20	8	59	2	22	11	<0.2	<5	<5	<5	0.013	4.47	561	<10	58
169	12155	flt	sel	<5			<0.2	101	<2	21	<1	38	43	<0.2	<5	5	<5	0.010	5.79	922	<10	13
169	12527	flt	sel	10			<0.2	113	6	94	<1	44	56	<0.2	<5	5	<5	0.013	7.96	495	<10	3
170	12503		sed	<5			<0.2	5	5	28	<1	7	5	<0.2	<5	<5	<5	0.016	1.25	247	<10	25
170	12504		pan	<5	<5	<1	0.5	25	21	56	<1	24	21	<0.2	<5	9	<5	0.024	7.18	550	<10	163
170	12505		sed	<5			0.4	21	9	45	<1	17	12	<0.2	<5	11	<5	0.020	2.73	463	<10	16
170	12506		pan	<5	<5	<1	0.7	12	7	50	<1	19	11	<0.2	<5	<5	<5	0.023	3.49	488	<10	69
171	12507		slu	<5	<5	<1	<0.2	27	8	97	1	36	20	<0.2	<5	6	<5	0.013	5.73	1024	<10	84
171	12508		pan	<5	<5	<1	0.5	16	11	59	1	26	16	<0.2	<5	5	<5	0.045	4.52	520	<10	67

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
161	12111	flt	sel	17	6	<20	<20	4	0.56	0.80	>10.00	0.03	0.12	640	8	<2	9	<1	<5	<10	<0.010	2		
161	12112		pan	152	35	<20	<20	16	1.25	0.62	1.17	0.04	0.22	97	10	<2	48	1	<5	<10	<0.010	4		
162	10850	otc	sel	44	43	<20	<20	12	1.47	1.70	5.63	0.03	0.33	350	18	<2	21	<1	<5	<10	0.07	<1		
162	10851	otc	rep	231	1	<20	<20	1	0.11	0.12	1.40	0.02	0.03	24	5	<2	<1	<1	<5	<10	<0.01	<1		
163	10848	otc	rep	311	4	<20	<20	<1	0.17	0.08	0.07	0.01	0.02	3	2	<2	2	<1	<5	<10	<0.01	<1		
163	10849	flt	sel	280	3	<20	<20	1	0.36	0.16	0.04	<0.01	0.03	2	2	<2	6	<1	<5	<10	<0.01	<1		
163	10852		sed	22	39	<20	<20	27	1.52	0.99	1.08	<0.01	0.09	35	17	<2	23	<1	<5	<10	0.01	<1		
163	10853		pan	187	62	<20	<20	18	1.45	0.99	5.06	0.03	0.12	192	13	<2	23	<1	<5	<10	0.08	3		
163	10854		pan	451	84	<20	<20	24	1.43	0.80	0.48	0.03	0.14	20	9	<2	22	1	<5	<10	0.06	2		
164	10890		sed	18	15	<20	<20	25	0.99	0.55	0.23	<0.01	0.04	10	12	<2	20	<1	<5	<10	<0.01	<1		
164	10891		pan	213	25	<20	<20	24	1.85	0.97	0.24	0.03	0.18	14	14	<2	37	<1	<5	<10	0.03	2		
165	10855		pan	198	72	<20	<20	18	1.78	1.02	0.31	0.02	0.15	16	8	<2	34	<1	<5	<10	0.07	<1		
166	10782		slu	66	471	<20	<20	6	0.04	<0.01	0.02	<0.01	<0.01	4	2	<2	<1	<1	<5	<10	0.03	4	<0.5	1.3
166	10856		pan	191	76	<20	<20	24	1.76	1.07	0.81	0.03	0.19	27	12	<2	32	<1	<5	<10	0.07	<1		
166	10892		sed	8	9	<20	<20	23	0.58	0.44	1.07	<0.01	0.10	22	12	<2	11	<1	<5	<10	<0.01	<1		
167	12102		slu	94	499	274	<20	19	0.36	0.15	1.12	<0.01	0.03	41	6	<2	3	46	<5	<10	0.095	<1		
168	10857	flt	sel	50	132	<20	<20	<1	3.42	3.27	1.54	0.01	<0.01	41	<1	<2	40	2	6	<10	0.16	<1		
168	10886		sed	9	14	<20	<20	18	0.62	0.85	2.40	<0.01	0.06	74	8	<2	8	<1	<5	<10	0.02	<1		
168	10887		pan	119	200	<20	<20	9	0.67	0.93	5.33	0.01	0.05	194	8	<2	9	2	<5	<10	0.05	<1		
168	10888		sed	9	14	<20	<20	25	0.78	0.80	2.26	<0.01	0.06	68	13	<2	16	<1	<5	<10	0.02	<1		
168	10889		pan	152	27	<20	<20	18	1.28	0.98	4.15	0.02	0.15	204	12	<2	23	<1	<5	<10	0.05	<1		
168	10893	flt	sel	19	2	<20	<20	1	0.13	1.52	>10.00	<0.01	0.10	1192	5	<2	3	<1	<5	<10	0.01	1		
169	12117	flt	sel	470	5	<20	<20	12	0.48	0.07	0.08	0.02	0.11	5	1	<2	1	<1	<5	<10	<0.010	1		
169	12118		sed	11	18	<20	<20	17	0.86	1.56	4.81	<0.01	0.04	136	10	<2	10	1	<5	<10	0.012	<1		
169	12119		pan	423	43	<20	<20	16	1.33	1.35	6.54	0.03	0.23	234	10	<2	18	2	<5	<10	0.061	<1		
169	12120		pan	259	76	<20	<20	18	1.62	1.39	6.06	0.03	0.29	237	13	<2	20	4	<5	<10	0.062	<1		
169	12121		sed	8	18	<20	<20	16	0.72	1.40	4.34	<0.01	0.04	75	9	<2	9	1	<5	<10	0.014	<1		
169	12122	flt	sel	263	2	<20	<20	<1	0.05	0.05	0.07	<0.01	<0.01	4	<1	<2	<1	<1	<5	<10	<0.010	1		
169	12153	otc	rand	31	2	<20	<20	8	0.23	1.63	>10.00	<0.01	0.14	622	12	<2	5	<1	<5	<10	<0.010	2		
169	12154		pan	210	35	<20	<20	15	1.05	1.56	8.24	0.02	0.17	290	10	<2	13	2	<5	<10	0.036	<1		
169	12155	flt	sel	58	103	<20	<20	3	3.04	2.42	3.72	0.06	0.03	108	10	<2	12	7	6	<10	0.432	<1		
169	12527	flt	sel	73	166	<20	<20	3	2.85	2.67	1.71	0.05	<0.01	104	11	<2	37	15	7	<10	0.476	<1		
170	12503		sed	4	6	<20	<20	24	0.41	0.24	0.45	<0.01	0.06	15	7	<2	7	<1	<5	<10	0.019	<1		
170	12504		pan	215	101	<20	<20	11	1.32	1.86	6.91	0.03	0.25	168	10	<2	12	6	<5	<10	0.044	<1		
170	12505		sed	10	18	<20	<20	20	0.73	1.51	5.98	<0.01	0.04	181	11	<2	7	<1	<5	<10	0.014	<1		
170	12506		pan	141	28	<20	<20	13	1.28	1.46	>10.00	0.02	0.29	405	10	<2	15	1	<5	<10	0.029	<1		
171	12507		pan	258	45	<20	<20	22	1.91	1.19	1.18	0.04	0.32	34	9	<2	25	2	<5	<10	0.049	<1		
171	12508		pan	195	41	<20	<20	15	1.34	0.89	6.92	0.03	0.24	223	10	<2	18	2	<5	<10	0.057	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
171	12326	67.39667	151.27758	Lucky Ck	flt	sel	calc-silicate w/ 40(?) sq, cp, qz	Wiseman B-3	NE 26	30N	17W	Fairbanks
172	12115	67.39603	151.23771	Michigan Ck, Peak 3795	otc	sel	marble xcut by qz w/ tr cpy, mal	Wiseman B-3	SE 25	30N	17W	Fairbanks
172	12116	67.39700	151.23615	Michigan Ck, Peak 3795	otc	rand	greenschist w/ sh qz	Wiseman B-3	SE 25	30N	17W	Fairbanks
173	12113	67.38382	151.23591	Michigan Ck, Peak 3810	rub	sel	metabasite w/ 1-2% po, cpy, lim	Wiseman B-3	NE 36	30N	17W	Fairbanks
173	12114	67.38376	151.23509	Michigan Ck, Peak 3810	rub	rand	metabasite w/ tr po	Wiseman B-3	NE 36	30N	17W	Fairbanks
174	10766	67.38577	151.18748	Kay Ck		sed		Wiseman B-3	SE 17	30N	16W	Fairbanks
174	10767	67.38577	151.18748	Kay Ck		pan	abu mag, no vis Au	Wiseman B-3	SE 17	30N	16W	Fairbanks
174	10768	67.38577	151.18748	Kay Ck	flt	sel	qz-mica schist w/ 10% po	Wiseman B-3	SE 17	30N	16W	Fairbanks
175	12133	67.38201	151.05164	East Ck, Peak 5150	otc	sel	metabasite w/ 10% mag	Wiseman B-3	SE 35	30N	16W	Fairbanks
176	12131	67.37453	151.05621	East Ck, Peak 5150	otc	sel	metabasite w/ 2% py, po, mag	Wiseman B-3	NE 2	29N	16W	Fairbanks
176	12132	67.37684	151.06341	East Ck, Peak 5150	otc	sel	metabasite w/ 5-7% py, cpy, mag	Wiseman B-3	SW 35	30N	16W	Fairbanks
177	10939	67.37394	151.18503	East Ck	flt	sel	qz-rich rock w/ 1% sulfides	Wiseman B-3	NW 5	29N	16W	Fairbanks
177	10940	67.37394	151.18503	East Ck		pan	abu mag	Wiseman B-3	NW 5	29N	16W	Fairbanks
177	10941	67.37394	151.18503	East Ck		sed		Wiseman B-3	NW 5	29N	16W	Fairbanks
177	10942	67.37394	151.18503	East Ck	flt	sel	fine grained rock w/ 1% diss po	Wiseman B-3	NW 5	29N	16W	Fairbanks
178	10773	67.35137	151.44136	Unnamed Ck	otc	sel	schist w/ 5% py (3mm cubes)	Wiseman B-3	SW 7	29N	17W	Fairbanks
178	10774	67.35137	151.44136	Unnamed Ck		sed		Wiseman B-3	SW 7	29N	17W	Fairbanks
178	10775	67.35137	151.44136	Unnamed Ck		pan	mod mag, minor py, no vis Au	Wiseman B-3	SW 7	29N	17W	Fairbanks
179	10789	67.32045	151.39150	Scofield Ck		sed		Wiseman B-3	SE 20	29N	17W	Fairbanks
179	10790	67.32045	151.39150	Scofield Ck		pan	abu euhedral mag	Wiseman B-3	SE 20	29N	17W	Fairbanks
180	10936	67.30470	151.37363	Galena Ck	flt	sel	vein qz w/ gn, cpy, po, apy	Wiseman B-3	SW 28	29N	17W	Fairbanks
180	10937	67.30470	151.37363	Galena Ck		sed		Wiseman B-3	SW 28	29N	17W	Fairbanks
180	10938	67.30470	151.37363	Galena Ck		pan	no mag, mod gar (<3 mm)	Wiseman B-3	SW 28	29N	17W	Fairbanks
181	11466	67.33126	151.30918	Michigan Ck ridge	flt	sel	musc-qz schist w/ 1% py/apy	Wiseman B-3	NE 22	29N	17W	Fairbanks
182	11625	67.32581	151.30974	Michigan Ck ridge	otc	cont	qz mica schist w/ fem pods(?)	Wiseman B-3	NE 22	29N	17W	Fairbanks
183	11624	67.31729	151.29987	Michigan Ck ridge	otc	sel	meta qz vein w/ diss sulfides	Wiseman B-3	SE 23	29N	17W	Fairbanks
184	11618	67.32326	151.23518	Michigan Ck trib		sed		Wiseman B-3	SE 24	29N	17W	Fairbanks
184	11619	67.32326	151.23518	Michigan Ck trib		pan	minor mag, gar, tr sulfides	Wiseman B-3	SE 24	29N	17W	Fairbanks
184	11620	67.32326	151.23518	Michigan Ck trib	flt	sel	meta bio granite w/ cpy, py(?)	Wiseman B-3	SE 24	29N	17W	Fairbanks
184	11621	67.32326	151.23518	Michigan Ck trib	flt	sel	greenstone w/ 10% mag	Wiseman B-3	SE 24	29N	17W	Fairbanks
184	11622	67.32326	151.23518	Michigan Ck trib	flt	sel	qz-mica schist w/ 2% cpy & py	Wiseman B-3	SE 24	29N	17W	Fairbanks
184	11623	67.32392	151.23193	Michigan Ck trib	flt	sel	calc-silicate w/ ~15% cpy & py	Wiseman B-3	SE 24	29N	17W	Fairbanks
185	11417	67.31645	151.22784	Pat Ck		sed		Wiseman B-3	NW 25	29N	17W	Fairbanks
185	11418	67.31645	151.22784	Pat Ck		pan	abu xln mag	Wiseman B-3	NW 25	29N	17W	Fairbanks
186	13025	67.30364	151.23604	Michigan Ck	otc		felsic meta rock w/ py, apy, tr cpy	Wiseman B-3	SE 35	29N	17W	Fairbanks
187	11637	67.29700	151.25779	Michigan Ck	flt	sel	vein qz w/ tr gn, Sb(?), 2% py	Wiseman B-3	SW 36	29N	17W	Fairbanks
187	11638	67.29700	151.25779	Michigan Ck	flt	sel	greenstone w/ py, po, cpy(?)	Wiseman B-3	SW 36	29N	17W	Fairbanks
187	11659	67.29700	151.25779	Michigan Ck	flt	sel	massive po w/ <1% cpy	Wiseman B-3	SW 36	29N	17W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
171	12526	flt	sel	<5			<0.2	3	3	62	<1	58	26	<0.2	<5	<5	<5	0.010	2.79	406	<10	11
172	12115	otc	sel	11			0.3	129	66	51	2	9	3	<0.2	<5	<5	33	0.079	1.98	1194	<10	4
172	12116	otc	rand	<5			<0.2	360	5	88	<1	308	48	<0.2	<5	<5	<5	0.455	6.05	1340	<10	61
173	12113	rub	sel	<5			<0.2	202	3	45	<1	9	36	<0.2	<5	<5	<5	<0.010	5.44	625	<10	2
173	12114	rub	rand	23			<0.2	160	<2	37	<1	16	28	<0.2	<5	<5	<5	<0.010	5.63	408	<10	40
174	10766		sed	<5			<0.2	21	7	47	<1	21	10	<0.2	<5	8	<5	0.013	2.44	356	<10	16
174	10767		pan	12	<5	<1	<0.2	48	13	53	<1	32	22	<0.2	<5	10	<5	0.037	>10.00	338	<10	59
174	10768	flt	sel	<5			<0.2	4	<2	61	<1	86	31	<0.2	<5	<5	<5	<0.010	4.59	403	<10	5
175	12123	otc	sel	8			<0.2	73	<2	68	<1	23	46	<0.2	<5	<5	<5	<0.010	8.07	710	<10	11
176	12131	otc	sel	<5			<0.2	471	<2	69	<1	31	60	<0.2	<5	<5	<5	<0.010	7.16	743	<10	4
176	12132	otc	sel	48			0.4	867	4	83	<1	80	233	<0.2	<5	30	<5	0.020	>10.00	1053	<10	6
177	10939	flt	sel	<1			1.2	21	22	40	1	19	5	0.6	<5	5	<5	<0.010	1.61	330	<10	79
177	10940		pan	7	<5	5	<0.2	38	4	50	5	16	25	<0.2	<5	5	<5	0.021	>10.00	891	<10	8
177	10941		sed	3			<0.2	31	6	55	1	19	13	<0.2	<5	9	<5	<0.010	2.82	584	<10	30
177	10942	flt	sel	<1			<0.2	12	3	30	2	15	4	<0.2	<5	11	<5	<0.010	1.41	175	<10	110
178	10773	otc	sel	<5			<0.2	154	<2	64	<1	33	27	<0.2	<5	<5	<5	<0.010	6.55	976	<10	2
178	10774		sed	<5			<0.2	35	22	81	81	11	11	<0.2	<5	5	<5	<0.010	2.64	449	<10	35
178	10775		pan	10	<5	<1	<0.2	40	5	62	<1	18	21	<0.2	<5	<5	<5	<0.010	7.60	792	<10	52
179	10789		sed	<5			<0.2	41	18	77	<1	46	16	<0.2	<5	9	<5	<0.010	3.35	710	<10	40
179	10790		pan	12	<5	<1	<0.2	57	127	61	<1	23	31	<0.2	<5	26	<5	0.019	>10.00	2096	<10	117
180	10936	flt	sel	1			10.4	140	1545	670	3	8	11	11.0	8	64	23	0.244	2.27	102	<10	23
180	10937		sed	8			<0.2	48	24	165	5	52	15	1.3	<5	28	<5	0.038	3.29	492	<10	53
180	10938		pan	11	<5	<1	<0.2	32	14	122	3	43	14	0.7	<5	35	<5	0.039	3.97	649	<10	350
181	11466	flt	sel	26			1.5	17	129	30	5	4	3	0.6	<5	391	<5	0.113	5.19	208	<10	137
182	11625	otc	cont	<5			0.4	12	3	624	37	53	8	0.7	<5	12	<5	0.025	>10.00	1381	<10	50
183	11624	otc	sel	<5			0.3	6	4	7	3	12	2	0.9	<5	318	<5	<0.010	0.96	407	<10	6
184	11618		sed	<5			<0.2	37	25	184	3	32	16	0.9	<5	22	<5	0.021	3.77	791	<10	55
184	11619		pan	49	<5	27	<0.2	23	13	100	5	29	13	0.8	<5	16	<5	0.010	5.63	2736	<10	131
184	11620	flt	sel	<5			0.6	2	105	135	2	42	19	0.7	<5	<5	35	<0.010	6.16	350	<10	132
184	11621	flt	sel	<5			<0.2	2	<2	55	<1	15	19	<0.2	<5	<5	<5	<0.010	7.98	533	<10	22
184	11622	flt	sel	29			0.9	707	2	103	5	106	35	<0.2	<5	<5	<5	0.037	7.12	924	<10	315
184	11623	flt	sel	19			0.2	119	<2	17	1	12	9	<0.2	<5	17	<5	<0.010	4.33	715	<10	5
185	11417		sed	9			<0.2	54	13	89	2	48	16	0.5	<5	20	<5	0.043	4.06	494	<10	23
185	11418		pan	16	<5	1	<0.2	62	10	87	9	56	24	0.6	<5	35	<5	0.034	6.21	701	<10	191
186	13025	otc		296			0.4	111	10	16	3	58	36	<0.2	<5	20	20		3.38	118	<10	14
187	11637	flt	sel	225			1.3	4	214	<1	<1	4	<1	<0.2	<5	90	18	0.060	0.15	5	<10	<1
187	11638	flt	sel	139			<0.2	54	15	1	<1	16	3	<0.2	<5	<5	<5	<0.010	0.46	9	<10	3
187	11659	flt	sel	75			0.4	34	16	7	<1	143	<1	<0.2	<5	9	<5	1.152	2.81	9	<10	<1

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
171	12526	flt	sel	134	104	<20	<20	4	2.21	1.97	1.45	0.04	0.01	81	5	<2	33	9	9	<10	0.253	<1		
172	12115	otc	sel	200	3	<20	<20	13	0.06	2.10	5.09	<0.01	0.03	62	5	<2	<1	<1	<5	<10	<0.010	1		
172	12116	otc	rand	408	64	<20	<20	6	3.61	8.16	4.14	0.01	0.09	121	9	4	38	3	8	<10	0.105	<1		
173	12113	rub	sel	43	58	<20	<20	<1	3.58	3.08	1.02	0.02	<0.01	38	3	<2	22	3	<5	<10	0.247	<1		
173	12114	rub	rand	43	127	<20	<20	<1	3.18	8.30	1.03	0.02	0.06	38	<1	<2	12	10	<5	<10	0.266	<1		
174	10766		sed	18	14	<20	<20	17	0.79	0.56	0.25	<0.01	0.03	6	7	<2	10	1	<5	<10	0.01	<1		
174	10767		pan	225	205	<20	<20	18	1.04	0.67	0.29	0.02	0.06	10	6	<2	13	15	<5	<10	0.14	1		
174	10768	flt	sel	157	81	<20	<20	4	1.84	1.90	1.63	0.04	<0.01	57	4	4	18	6	5	<10	0.29	<1		
175	12133	otc	sel	31	292	<20	<20	1	3.00	2.31	1.46	0.09	0.02	50	2	<2	15	24	9	<10	0.438	<1		
176	12131	otc	sel	80	172	<20	<20	1	3.30	2.38	1.22	0.04	0.02	50	2	<2	9	13	<5	<10	0.395	<1		
176	12132	otc	sel	19	134	<20	<20	2	3.07	2.42	1.47	0.10	0.03	39	4	<2	8	9	<5	<10	0.223	<1		
177	10939	flt	sel	38	9	<20	<20	7	0.59	1.09	>10.00	0.02	0.12	531	12	<2	9	<1	<5	<10	<0.01	<1		
177	10940		pan	70	1029	<20	<20	4	0.41	0.18	0.35	<0.01	0.02	8	5	<2	2	6	<5	<10	0.10	<1		
177	10941		sed	18	35	<20	<20	9	1.12	1.47	1.60	<0.01	0.06	27	7	<2	11	<1	<5	<10	0.05	<1		
177	10942	flt	sel	276	21	<20	<20	4	0.88	0.41	0.70	0.03	0.04	92	7	<2	6	<1	<5	<10	0.16	2		
178	10773	otc	sel	99	194	<20	<20	6	2.93	2.56	6.36	0.01	<0.01	161	13	8	17	13	27	<10	0.09	<1		
178	10774		sed	10	37	<20	<20	8	0.91	1.09	3.84	<0.01	0.14	42	3	<2	8	3	<5	<10	0.07	<1		
178	10775		pan	76	169	<20	<20	8	1.77	1.75	4.07	0.05	0.07	76	9	3	11	12	5	<10	0.27	<1		
179	10789		sed	12	32	<20	<20	14	0.97	0.93	1.21	<0.01	0.08	27	10	<2	13	3	<5	<10	0.04	1		
179	10790		pan	101	822	<20	<20	19	0.87	0.31	0.82	0.01	0.03	16	23	<2	5	58	10	<10	0.14	2		
180	10936	flt	sel	320	<1	<20	<20	2	0.05	<0.01	0.10	<0.01	0.01	4	<1	<2	<1	<1	<5	<10	<0.01	1		
180	10937		sed	12	16	<20	<20	27	0.69	0.54	0.86	<0.01	0.06	30	15	<2	11	<1	<5	<10	0.01	<1		
180	10938		pan	131	21	<20	<20	21	1.19	0.62	1.10	0.02	0.11	37	15	<2	16	<1	<5	<10	0.06	<1		
181	11466	flt	sel	78	2	<20	<20	43	0.39	0.03	0.02	0.04	0.32	3	4	3	5	<1	<5	<10	<0.01	2		
182	11625	otc	cont	25	7	<20	<20	71	0.25	0.61	>10.00	<0.01	0.06	503	35	<2	4	<1	<5	<10	<0.01	13		
183	11624	otc	sel	181	2	<20	<20	<1	0.02	0.11	6.85	<0.01	<0.01	145	7	<2	<1	<1	<5	<10	<0.01	1		
184	11618		sed	14	28	<20	<20	18	1.16	0.75	0.54	<0.01	0.09	18	11	<2	18	2	<5	<10	0.04	<1		
184	11619		pan	373	51	<20	<20	15	1.94	0.72	0.83	0.10	0.23	25	25	2	18	3	11	<10	0.12	2		
184	11620	flt	sel	144	77	<20	<20	22	2.65	1.65	1.86	0.03	0.85	75	16	<2	50	5	11	<10	0.14	<1		
184	11621	flt	sel	70	110	<20	<20	3	2.20	1.95	1.45	0.07	0.02	33	16	3	14	8	6	<10	0.12	<1		
184	11622	flt	sel	192	146	<20	<20	3	2.98	3.05	3.75	0.02	0.81	50	7	<2	156	10	10	<10	0.35	<1		
184	11623	flt	sel	111	6	<20	<20	5	0.13	2.01	4.53	0.01	<0.01	53	5	<2	<1	<1	<5	<10	<0.01	<1		
185	11417		sed	14	17	<20	<20	16	0.76	0.91	3.01	<0.01	0.04	125	14	3	12	<1	<5	<10	<0.01	<1		
185	11418		pan	264	57	<20	<20	20	3.60	1.02	5.17	0.15	0.49	268	18	4	28	3	7	<10	0.09	3		
186	13023	otc		33	20	<4	7	4	0.53	0.17	3.58	0.03	0.04	137	4	3	1	3	<5	<10	0.160	6		
187	11637	flt	sel	18	<1	<20	<20	<1	<0.01	<0.01	0.01	<0.01	<0.01	<1	<1	<2	<1	<1	<5	<10	<0.01	<1		
187	11638	flt	sel	5	2	<20	<20	4	0.07	0.06	0.06	<0.01	0.05	2	<1	<2	<1	<1	<5	<10	0.02	<1		
187	11659	flt	sel	3	<1	<20	<20	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<1	<2	<1	<1	<5	<10	<0.01	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
188	11467	67.29137	151.30688	Michigan Ck		pan		Wiseman B-3	SE 34	29N	17W	Fairbanks
188	11635	67.29053	151.30768	Michigan Ck		pan	1 fine Au, mod mag	Wiseman B-3	SE 34	29N	17W	Fairbanks
188	11636	67.29007	151.30439	Michigan Ck		sed		Wiseman B-3	SE 34	29N	17W	Fairbanks
189	8008	67.28805	151.32195	Michigan Ck	flt	sel	vein qz w/ gn, ank, sid(?), lim	Wiseman B-3	NW 4	28N	17W	Fairbanks
189	8009	67.28805	151.32195	Michigan Ck	flt	sel	vein qz w/ gn, ank, sid(?)	Wiseman B-3	NE 5	28N	17W	Fairbanks
189	11414	67.28907	151.32345	Michigan Ck	flt	sel	vein qz exposed in landslide	Wiseman B-3	SW 34	29N	17W	Fairbanks
189	11415	67.28930	151.32476	Michigan Ck	otc	sel	massive ca w/ qz, gn, po, tr cpy	Wiseman B-3	SW 34	29N	17W	Fairbanks
189	11416	67.28864	151.32234	Michigan Ck	flt	sel	qz, ca rock w/ gn, minor po	Wiseman B-3	SW 34	29N	17W	Fairbanks
189	11590	67.28757	151.32487	Michigan Ck	flt	sel	xstl(?) greenstone w/ 3% sulfides	Wiseman B-3	SW 34	29N	17W	Fairbanks
189	11629	67.29002	151.31953	Michigan Ck	otc	rand	qz vein w/ minor sulfides	Wiseman B-3	SE 34	29N	17W	Fairbanks
189	11630	67.29068	151.31681	Michigan Ck	sub	rand	0.5 ft wide qz vein w/ gn, py	Wiseman B-3	SE 34	29N	17W	Fairbanks
189	11631	67.29068	151.31681	Michigan Ck	flt	sel	vein qz w/ 10% gn, tr cpy, py	Wiseman B-3	SE 34	29N	17W	Fairbanks
189	11632	67.29068	151.31681	Michigan Ck	otc	cont	0.5 ft wide qz vein w/ <10% gn	Wiseman B-3	SE 34	29N	17W	Fairbanks
189	11633	67.29059	151.31548	Grubstake Bar	flt	sel	greenstone w/ 15% po, 1-2% cpy	Wiseman B-3	SE 34	29N	17W	Fairbanks
189	11634	67.29059	151.31548	Michigan Ck	otc	cont	0.5 ft wide qz vein w/ mod gn	Wiseman B-3	SE 34	29N	17W	Fairbanks
190	11413	67.28472	151.32356	Michigan Ck	trn	sel	vein qz w/ gn stringers (0.5" x 3")	Wiseman B-3	SW 34	29N	17W	Fairbanks
191	12015	67.19082	151.30004	Chicken Ck	sub	sel	mica sch w/ qz lenses, 1% py	Wiseman A-3	SE 4	27N	17W	Fairbanks
192	12008	67.18778	151.26072	Chicken Ck		sed		Wiseman A-3	NE 10	27N	17W	Fairbanks
192	12009	67.18778	151.26072	Chicken Ck		pan	2 fine Au, tr rusty py	Wiseman A-3	NE 10	27N	17W	Fairbanks
192	12010	67.18778	151.26072	Chicken Ck		pan	1 coarse, 1 v fine Au; tr py	Wiseman A-3	NE 10	27N	17W	Fairbanks
193	12134	67.20761	151.13681	Florence Ck		pan	tr py; no mag, no vis Au	Wiseman A-3	SW 32	28N	16W	Fairbanks
194	12144	67.24818	151.15034	Bourbon Ck	flt	sel	ch-rich meta intr w/ 2% gar, tr py	Wiseman A-3	SE 18	28N	16W	Fairbanks
195	12126	67.25725	151.15223	Bourbon Ck	otc	cont	gossanous sch breccia	Wiseman B-3	NE 18	28N	16W	Fairbanks
195	12127	67.25725	151.15223	Bourbon Ck		pan		Wiseman B-3	NE 18	28N	16W	Fairbanks
195	12128	67.25725	151.15223	Bourbon Ck	flt	sel	greenschist w/ 2% box abu lim	Wiseman B-3	NE 18	28N	16W	Fairbanks
195	12145	67.25623	151.15177	Bourbon Ck	otc	cont	gossanous sch breccia	Wiseman B-3	NE 18	28N	16W	Fairbanks
196	12129	67.27430	151.16440	Bourbon Ck		sed		Wiseman B-3	SW 6	28N	16W	Fairbanks
196	12130	67.27430	151.16440	Bourbon Ck		pan		Wiseman B-3	SW 6	28N	16W	Fairbanks
197	10917	67.28668	151.16276	Bourbon Ck		sed		Wiseman B-3	NW 6	28N	16W	Fairbanks
197	10918	67.28668	151.16276	Bourbon Ck		pan	tr v fine Au, no mag	Wiseman B-3	NW 6	28N	16W	Fairbanks
197	10919	67.28668	151.16276	Bourbon Ck	otc	rep	qtzite,mica schist w/ po, py, cpy	Wiseman B-3	NW 6	28N	16W	Fairbanks
197	10920	67.28718	151.16408	Fall Ck	flt	sel	hfls(?) w/ po bands	Wiseman B-3	NW 6	28N	16W	Fairbanks
197	10943	67.28718	151.16408	Fall Ck	flt	sel	hfls w/ 2% po	Wiseman B-3	NW 6	28N	16W	Fairbanks
197	10944	67.28718	151.16408	Fall Ck	flt	sel	rusty qz vein w/ apy(?)	Wiseman B-3	NW 6	28N	16W	Fairbanks
198	10969	67.28835	151.12228	Fall Ck		sed		Wiseman B-3	SE 33	29N	16W	Fairbanks
198	10970	67.28835	151.12228	Fall Ck		pan	no mag, no vis Au	Wiseman B-3	SE 33	29N	16W	Fairbanks
199	10823	67.31870	150.77860	LaRowe Ck		sed		Wiseman B-2	SW 19	29N	14W	Fairbanks
199	10824	67.31870	150.77860	LaRowe Ck		pan	no mag, no vis Au	Wiseman B-2	SW 19	29N	14W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
188	11467		pan	6	<5	<1	<0.2	21	6	69	1	28	14	0.5	<5	9	<5	0.017	3.72	669	<10	168
188	11635		pan	10.90 ppm	<5	9	<0.2	29	7	79	1	35	19	1.1	<5	402	<5	0.236	>10.00	1047	<10	100
188	11636		sed	<5			<0.2	23	7	72	1	28	15	0.4	<5	12	<5	0.024	2.93	517	<10	27
189	8008	flt	sel	9			0.84 oz/t		2.13%	<200	<2	<20	<10	<10		20	42.7		<0.5		<20	<100
189	8009	flt	sel	<5			2.68 oz/t		4.85%	<200	17	24	<10	<10		35	118.0		<0.5		<20	<100
189	11414	flt	sel	6			25.9	12	1.42%	50	3	12	1	5.7	<5	7	31	0.025	0.57	1017	<10	10
189	11415	otc	sel	94			64.5	336	5.34%	87	1	111	30	18.7	<5	39	0.38%	0.116	3.69	793	<10	12
189	11416	flt	sel	168			583.0	126	36.22%	435	<1	271	60	136.3	23	131	710	0.223	>10.00	1037	24	9
189	11590	flt	sel	243			0.8	617	16	18	2	38	27	0.8	<5	6	<5	<0.010	3.71	115	<10	9
189	11629	otc	rand	<5			<0.2	22	13	14	4	20	3	0.4	<5	66	<5	<0.010	0.78	136	<10	11
189	11630	rub	rand	392			<0.2	53	28	13	3	15	9	1.6	<5	592	<5	<0.010	1.02	107	<10	6
189	11631	flt	sel	40			320	23	23.67%	4	4	13	2	193.1	8	<5	478	0.066	0.61	54	11	4
189	11632	otc	cont	18			650.3	41	33.94%	13	4	18	4	176.3	23	23	771	0.110	1.71	144	14	8
189	11633	flt	sel	98			2.5	1158	828	78	5	21	20	6.8	<5	3189	6	<0.010	>10.00	675	<10	16
189	11634	otc	cont	39			10.8	5	4.62%	6	<1	4	1	5.6	<5	173	13	0.011	0.28	58	<10	7
190	11413	trn	sel	12			121.9	8	5.78%	5	2	10	1	19.7	5	82	138	0.018	0.44	57	<10	3
191	12015	rub	sel	<5			<0.2	26	14	75	1	23	6	<0.2	<5	6	<5	0.036	3.27	274	<10	84
192	12008		sed	<5			<0.2	50	18	188	<1	80	33	1.0	<5	14	<5	0.084	5.19	668	<10	85
192	12009		pan	8.04	<5	2	0.4	42	16	148	3	77	40	0.9	<5	11	<5	0.364	5.90	730	<10	118
192	12010		pan	15.03 ppm	<5	3	<0.2	41	13	142	2	76	40	0.9	<5	10	<5	0.416	5.59	754	<10	115
193	12134		pan	<5	<5	<1	<0.2	47	13	149	2	63	36	0.4	<5	10	<5	0.056	5.94	541	<10	96
194	12144	flt	sel	<5			<0.2	137	<2	78	2	53	35	<0.2	<5	9	<5	0.014	5.06	1105	<10	198
195	12126	otc	cont	6			<0.2	52	12	85	<1	15	5	<0.2	<5	<5	<5	0.031	>10.00	132	<10	112
195	12127		pan	9	<5	1	<0.2	51	10	126	3	50	21	0.6	<5	9	<5	0.019	5.74	510	<10	129
195	12128	flt	sel	7			<0.2	97	2	64	<1	55	32	<0.2	<5	12	<5	0.023	5.51	915	<10	3
195	12145	otc	cont	8			<0.2	65	<2	44	<1	78	29	<0.2	<5	<5	<5	0.012	4.17	738	<10	8
196	12129		sed	<5			<0.2	48	11	112	4	43	17	0.8	<5	22	<5	0.029	3.88	336	<10	63
196	12130		pan	<5	<5	<1	0.3	42	90	141	2	62	21	0.8	<5	13	<5	0.017	5.28	500	<10	115
197	10917		sed	12			<0.2	33	14	107	2	55	19	0.6	<5	15	<5	0.061	4.19	487	<10	50
197	10918		pan	62	<5	<1	0.3	42	8	70	3	35	15	0.2	<5	7	<5	0.021	3.97	609	<10	31
197	10919	otc	cont	<5			0.3	48	5	50	2	40	14	0.3	<5	17	<5	<0.010	4.26	710	<10	25
197	10920	flt	sel	3			0.8	84	13	87	4	37	11	1.2	<5	<5	<5	<0.010	2.18	212	<10	230
197	10943	flt	sel	<5			0.4	40	5	58	2	47	31	<0.2	<5	<5	<5	<0.010	3.68	280	<10	61
197	10944	flt	sel	11			<0.2	9	21	19	3	7	5	<0.2	<5	<5	<5	<0.010	1.40	25	<10	39
198	10969		sed	4			<0.2	38	11	78	2	35	18	0.2	<5	10	<5	0.036	3.14	411	<10	25
198	10970		pan	3	<5	<1	0.4	33	7	81	3	36	14	<0.2	<5	13	<5	<0.010	4.15	410	<10	33
199	10823		sed	<5			<0.2	32	9	77	<1	39	16	0.3	<5	8	<5	<0.010	3.84	336	<10	18
199	10824		pan	<5	<5	<1	<0.2	28	9	74	2	38	16	0.2	<5	15	<5	0.026	4.08	680	<10	74

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
188	11467		pan	307	59	<20	<20	13	5.72	1.09	4.21	0.14	0.40	135	13	3	21	4	7	<10	0.14	2		
188	11635		pan	166	166	<20	<20	17	1.85	0.87	3.50	0.06	0.18	95	15	5	19	13	6	<10	0.10	1		
188	11636		sed	14	20	<20	<20	14	1.02	0.90	2.25	<0.01	0.04	40	9	<2	15	<1	<5	<10	0.02	<1		
189	8008	flt	sel	520		<200	<2	<5				<0.05							<0.5	<1		<500	<0.5	<0.5
189	8009	flt	sel	660		<200	<2	<5				<0.05							<0.5	<1		<500	<0.5	<0.5
189	11414	flt	sel	158	1	<20	<20	1	0.03	0.11	4.88	<0.01	0.02	240	4	<2	<1	<1	<5	<10	<0.01	<1		
189	11415	otc	sel	128	1	<20	<20	2	0.03	0.18	8.75	<0.01	0.02	659	8	<2	<1	<1	<5	<10	<0.01	<1		
189	11416	flt	sel	64	1	<20	<20	1	<0.01	0.14	5.75	<0.01	<0.01	258	8	3	<1	<1	<5	<10	<0.01	<1		
189	11590	flt	sel	137	9	<20	<20	6	0.56	0.05	1.58	0.01	0.02	51	8	<2	2	2	<5	<10	0.17	2		
189	11629	otc	rand	205	4	<20	<20	<1	0.07	0.10	1.41	<0.01	0.04	34	1	<2	1	<1	<5	<10	<0.01	1		
189	11630	mb	rand	219	2	<20	<20	<1	0.04	0.06	0.48	0.01	0.03	14	<1	<2	<1	<1	<5	<10	<0.01	1		
189	11631	flt	sel	248	2	<20	<20	<1	0.04	0.03	0.12	<0.01	0.02	6	<1	<2	<1	<1	<5	<10	<0.01	1		
189	11632	otc	cont	178	2	<20	<20	<1	0.06	0.06	0.59	<0.01	0.04	26	1	<2	<1	<1	<5	<10	<0.01	1		
189	11633	flt	sel	57	10	<20	<20	4	0.38	0.15	2.60	0.05	0.05	26	2	<2	<1	<1	<5	<10	0.04	<1		
189	11634	otc	cont	44	1	<20	<20	<1	0.05	0.08	0.29	<0.01	0.03	10	<1	<2	<1	<1	<5	<10	<0.01	<1		
190	11413	trn	sel	351	1	<20	<20	<1	<0.01	0.04	0.10	<0.01	<0.01	4	<1	<2	<1	<1	<5	<10	<0.01	1		
191	12015	mb	sel	186	30	<20	<20	9	1.80	0.85	0.66	0.04	0.19	9	3	<2	26	1	<5	<10	<0.010	11		
192	12008		sed	35	32	<20	<20	55	2.28	1.19	0.23	<0.01	0.07	15	18	<2	37	1	<5	<10	<0.010	1		
192	12009		pan	291	36	<20	<20	25	2.47	1.19	0.16	0.05	0.23	20	11	7	41	1	<5	<10	0.022	7		
192	12010		pan	261	35	<20	<20	26	2.37	1.18	0.15	0.05	0.23	20	11	7	41	1	<5	<10	0.020	7		
193	12134		pan	230	41	<20	<20	27	2.20	1.07	0.19	0.04	0.21	18	11	<2	41	2	<5	<10	0.034	5		
194	12144	flt	sel	127	92	<20	<20	3	2.66	1.85	1.78	0.03	0.15	67	8	<2	37	7	<5	<10	0.370	<1		
195	12126	otc	cont	147	31	<20	<30	5	0.97	0.30	0.07	0.03	0.20	26	4	5	9	<1	<5	<10	0.051	4		
195	12127		pan	224	47	<20	<20	23	1.96	1.07	0.27	0.03	0.20	18	14	<2	31	2	<5	<10	0.070	2		
195	12128	flt	sel	177	108	<30	<20	5	3.13	2.46	1.82	0.04	<0.01	39	10	<2	38	8	7	<10	0.348	<1		
195	12145	otc	cont	204	106	<20	<20	3	5.15	2.77	2.98	0.04	<0.01	112	8	<2	28	7	<5	<10	0.242	<1		
196	12129		sed	18	36	<20	<20	24	1.22	0.63	0.19	<0.01	0.05	19	13	<2	31	1	<5	<10	0.016	3		
196	12130		pan	219	40	<20	<20	24	1.99	1.10	0.30	0.03	0.21	25	16	<2	33	2	<5	<10	0.042	4		
197	10917		sed	16	21	<20	<20	31	0.97	0.81	1.04	<0.01	0.06	31	18	<2	37	<1	<5	<10	0.01	<1		
197	10918		pan	135	17	<20	<20	14	0.94	1.31	7.28	0.03	0.13	306	13	<2	20	<1	<5	<10	0.02	<1		
197	10919	otc	rep	69	31	<20	<20	11	1.49	1.72	9.31	0.03	0.10	424	13	<2	40	<1	<5	<10	0.02	<1		
197	10920	flt	sel	39	41	<20	<20	9	0.76	0.60	5.66	0.03	0.20	225	10	<2	12	<1	<5	<10	0.14	20		
197	10943	flt	sel	90	37	<20	<20	6	1.46	1.09	1.37	0.05	0.13	96	8	<2	17	<1	<5	<10	0.36	<1		
197	10944	flt	sel	207	6	<20	<20	16	0.19	0.02	0.26	0.07	0.05	12	14	<2	<1	2	<5	<10	0.09	4		
198	10969		sed	16	14	<20	<20	14	0.68	0.74	3.37	<0.01	0.07	91	11	<2	11	<1	<5	<10	<0.01	<1		
198	10970		pan	126	22	<20	<20	10	1.22	0.98	8.93	0.03	0.13	212	9	<2	21	<1	<5	<10	0.04	2		
199	10823		sed	16	19	<20	<20	16	0.86	0.70	1.57	<0.01	0.03	58	12	<2	17	2	<5	<10	0.02	2		
199	10824		pan	163	31	<20	<20	13	1.58	0.77	0.90	0.03	0.16	40	16	2	23	3	6	<10	0.08	5		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
199	10825	67.31870	150.77860	LaRowe Ck		pan	no mag, no vis Au	Wiseman B-2	SW 19	29N	14W	Fairbanks
199	10826	67.31870	150.77860	LaRowe Ck	otc	sel	qz-mica schist w/ 2% po, hem	Wiseman B-2	SW 19	29N	14W	Fairbanks
200	10794	67.32973	150.65042	Horse Ck		sed		Wiseman B-2	NE 22	29N	14W	Fairbanks
200	10795	67.32973	150.65042	Horse Ck		pan	minor mag, no vis Au	Wiseman B-2	NE 22	29N	14W	Fairbanks
201	10791	67.38362	150.60836	LaSalle Ck		sed		Wiseman B-2	NE 35	30N	14W	Fairbanks
201	10792	67.38362	150.60836	LaSalle Ck		pan	abu mag, minor py and cpy	Wiseman B-2	NE 35	30N	14W	Fairbanks
201	10793	67.38362	150.60836	LaSalle Ck	flt	sel	micaceous qtz w/ 5% py, gar	Wiseman B-2	NE 35	30N	14W	Fairbanks
202	10812	67.41034	150.63642	Glacier R		sed		Wiseman B-2	SE 22	30N	14W	Fairbanks
202	10813	67.41034	150.63642	Glacier R		pan	no mag, no vis Au	Wiseman B-2	SE 22	30N	14W	Fairbanks
202	10814	67.41034	150.63642	Glacier R	flt	sel	phyllite w/ diss py, lim	Wiseman B-2	SE 22	30N	14W	Fairbanks
203	10798	67.37486	150.79756	Ruby Ck		sed		Wiseman B-2	SE 36	30N	15W	Fairbanks
203	10799	67.37486	150.79756	Ruby Ck		pan		Wiseman B-2	SE 36	30N	15W	Fairbanks
204	10796	67.39959	150.92277	Ipnek Ck		sed		Wiseman B-2	NW 28	30N	15W	Fairbanks
204	10797	67.39959	150.92277	Ipnek Ck		pan		Wiseman B-2	NW 28	30N	15W	Fairbanks
205	8020	67.48200	150.67500	Conglomerate Ck		pan	2 pan composite, no vis Au	Wiseman B-2	SE 28	31N	24W	Fairbanks
205	10819	67.48227	150.68121	Conglomerate Ck		pan	no mag, no vis Au	Wiseman B-2	SE 28	31N	24W	Fairbanks
205	10820	67.48227	150.68121	Conglomerate Ck		pan	no mag, no vis Au	Wiseman B-2	SE 28	31N	24W	Fairbanks
206	10815	67.48791	150.69631	Conglomerate Ck		sed		Wiseman B-2	NW 28	31N	24W	Fairbanks
206	10816	67.48791	150.69631	Conglomerate Ck		pan	mod py, tr mag, no vis Au	Wiseman B-2	NW 28	31N	24W	Fairbanks
206	10817	67.48791	150.69631	Conglomerate Ck		pan	no mag, no vis Au	Wiseman B-2	NW 28	31N	24W	Fairbanks
206	10818	67.48791	150.69631	Conglomerate Ck		pan	no mag, no vis Au	Wiseman B-2	NW 28	31N	24W	Fairbanks
207	10800	67.51907	150.88034	Bonanza Ck		sed		Wiseman C-2	SW 10	31N	16W	Fairbanks
207	10801	67.51907	150.88034	Bonanza Ck		pan	tr mag	Wiseman C-2	SW 10	31N	16W	Fairbanks
208	10821	67.58014	151.07682	Tinayguk Ck		sed		Wiseman C-3	SW 23	32N	16W	Fairbanks
208	10822	67.58014	151.07682	Tinayguk Ck		pan	no mag, no vis Au	Wiseman C-3	SW 23	32N	16W	Fairbanks
209	10865	67.64823	151.12532	Pass Ck		sed		Wiseman C-3	NW 35	33N	16W	Fairbanks
209	10866	67.64823	151.12532	Pass Ck		pan	no mag, no vis Au	Wiseman C-3	NW 35	33N	16W	Fairbanks
210	10880	67.55870	150.81275	Bonanza Ck	otc	cont	qz vein w/ sid(?)	Wiseman C-2	NW 36	32N	15W	Fairbanks
210	10881	67.55870	150.81275	Bonanza Ck	flt	sel	qz vein w/ tr gn, sl sid, mk	Wiseman C-2	NW 36	32N	15W	Fairbanks
211	12445	67.61216	150.60296	Swede Ck		pan		Wiseman C-2	NE 11	32N	14W	Fairbanks
211	12460	67.61217	150.60297	Swede Ck		sed		Wiseman C-2	NE 11	32N	14W	Fairbanks
212	11901	67.60736	150.41829	Zinc Float Ck	otc	rand	silic meta-mdst w/ py, mar(?)	Wiseman C-1	SE 10	32N	13W	Fairbanks
212	11902	67.60627	150.41904	Zinc Float Ck		sed		Wiseman C-1	SE 10	32N	13W	Fairbanks
212	11903	67.60627	150.41904	Zinc Float Ck		pan	minor py, 1 mar nodule	Wiseman C-1	SE 10	32N	13W	Fairbanks
213	12449	67.59987	150.51262	Swede Ck trib		sed		Wiseman C-2	NW 17	32N	13W	Fairbanks
213	12450	67.59987	150.51262	Swede Ck trib		pan	no vis Au, abu fine sulfides	Wiseman C-2	NW 17	32N	13W	Fairbanks
213	12451	67.59801	150.51186	Swede Ck trib	flt	sel	volc(?) greenstone w/ tr py, po	Wiseman C-2	NW 17	32N	13W	Fairbanks
213	12452	67.59576	150.50854	Swede Ck trib		sed		Wiseman C-2	SW 17	32N	13W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
199	10825		pan	<5	<5	<1	<0.2	23	5	81	2	36	15	0.2	<5	6	<5	0.017	3.50	435	<10	83
199	10826	otc	sel	5			0.3	160	37	47	2	54	19	0.7	<5	<5	<5	0.039	4.91	1166	<10	27
200	10794		sed	<5			<0.2	44	10	141	1	86	40	0.6	<5	22	<5	0.017	3.08	770	<10	25
200	10795		pan	12	<5	<1	<0.2	48	44	108	3	76	39	0.6	<5	31	<5	0.118	7.82	3296	<10	76
201	10791		sed	10			<0.2	62	13	141	1	74	32	0.7	<5	20	<5	0.018	4.30	896	<10	33
201	10792		pan	18	<5	<1	<0.2	47	20	90	<1	42	25	0.3	<5	36	<5	<0.010	7.50	1641	<10	40
201	10793	flt	sel	<5			<0.2	157	9	33	1	16	9	<0.2	<5	13	<5	<0.010	1.82	185	<10	18
202	10812		sed	<5			<0.2	28	9	70	<1	23	11	0.2	<5	9	<5	0.024	3.17	960	<10	29
202	10813		pan	18	<5	<1	<0.2	28	9	77	1	36	12	<0.2	<5	8	<5	0.024	4.03	1194	<10	76
202	10814	flt	sel	12			0.6	294	11	22	40	47	5	<0.2	<5	59	11	0.885	1.58	24	<10	71
203	10798		sed	6			<0.2	46	8	65	<1	35	21	<0.2	<5	31	<5	<0.010	3.66	882	<10	21
203	10799		pan	42	<5	<1	<0.2	44	11	66	1	31	19	<0.2	<5	19	<5	<0.010	7.02	2118	<10	51
204	10796		sed	<5			<0.2	26	14	69	<1	22	11	0.3	<5	7	<5	<0.010	2.70	509	<10	14
204	10797		pan	9	<5	<1	<0.2	37	31	75	<1	25	19	<0.2	<5	10	<5	<0.010	>10.00	1013	<10	45
205	8020		pan	250	<5	2	<5			210	<2	42	25	<10		22	2.5		7.4		<20	860
205	10819		pan	<5	<5	<1	<0.2	20	5	65	<1	22	10	<0.2	<5	<5	<5	<0.010	4.13	1273	<10	33
205	10820		pan	6	<5	<1	<0.2	43	8	73	<1	25	13	<0.2	<5	7	<5	0.016	3.81	1314	<10	80
206	10815		sed	<5			<0.2	41	10	68	<1	25	13	<0.2	<5	8	<5	0.016	3.28	1269	<10	20
206	10816		pan	18	<5	<1	<0.2	107	23	86	<1	33	20	<0.2	<5	23	<5	0.053	6.66	1542	<10	66
206	10817		pan	8	<5	<1	<0.2	31	5	74	<1	25	13	<0.2	<5	6	<5	<0.010	4.64	1440	<10	51
206	10818		pan	24	<5	<1	<0.2	32	8	76	<1	26	13	<0.2	<5	7	<5	0.016	4.79	1362	<10	42
207	10800		sed	<5			<0.2	26	13	87	<1	25	15	<0.2	<5	8	<5	0.023	3.93	1171	<10	22
207	10801		pan	24	<5	<1	<0.2	41	13	100	<1	35	19	<0.2	<5	12	<5	0.018	5.99	1503	<10	65
208	10821		sed	<5			<0.2	29	12	124	1	33	11	0.7	<5	8	<5	0.116	3.29	515	<10	138
208	10822		pan	8	<5	<1	<0.2	14	8	66	1	22	6	0.3	<5	<5	<5	0.070	2.14	383	<10	176
209	10865		sed	6			0.2	36	13	146	5	36	11	1.1	<5	11	<5	0.096	3.19	457	<10	162
209	10866		pan	11	43	<1	<0.2	31	6	96	3	47	15	0.5	<5	5	<5	0.037	8.35	607	<10	555
210	10880	otc	cont	<5			<0.2	10	<2	104	<1	10	4	<0.2	<5	20	<5	0.023	3.79	3124	<10	4
210	10881	flt	sel	10			9.7	284	5458	3510	1	7	3	3.1	77	3072	<5	5.681	3.19	1762	<10	2
211	12445		pan	194	<5	2	0.9	58	20	143	2	65	18	1.1	<5	23	<5	0.042	4.47	650	<10	638
211	12460		sed	<5			1.0	44	10	107	2	41	13	1.3	<5	15	<5	0.030	3.05	511	<10	28
212	11901	otc	rand	<5			0.5	16	23	28	27	18	2	<0.2	<5	27	17	0.362	1.00	20	<10	131
212	11902		sed	<5			<0.2	82	12	615	6	128	34	4	<5	31	<5	0.007	7.37	922	<10	32
212	11903		pan	17	<5	6	0.5	55	27	319	7	82	20	2.2	<5	29	<5	0.152	5.74	476	<10	102
213	12449		sed	7			0.9	53	9	259	4	78	17	2.0	<5	50	6	0.079	4.12	647	<10	22
213	12450		pan	8	<5	2	0.9	65	18	219	6	104	30	2.4	<5	73	8	0.135	5.63	773	<10	82
213	12451	flt	sel	<5			<0.2	75	9	78	<1	23	28	<0.2	<5	<5	9	0.017	6.86	1191	<10	58
213	12452		sed	<5			0.7	47	8	156	2	70	25	1.2	<5	13	<5	0.041	9.08	816	<10	31

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
199	10825		pan	165	32	<20	<20	15	1.37	0.92	0.89	0.04	0.18	42	11	3	26	4	<5	<10	0.07	5		
199	10826	otc	sel	93	11	<20	<20	18	0.68	0.99	>10.00	0.01	0.04	619	19	<2	15	<1	<5	<10	<0.01	1		
200	10794		sed	14	20	<20	<20	62	1.01	0.60	0.89	<0.01	0.04	35	45	<2	16	2	<5	<10	0.03	1		
200	10795		pan	225	46	<20	<20	46	2.42	0.51	1.23	0.02	0.11	22	68	<2	18	4	29	<10	0.11	4		
201	10791		sed	23	31	<20	<20	79	1.51	1.08	1.21	<0.01	0.07	46	40	3	23	3	<5	<10	0.04	<1		
201	10792		pan	132	60	<20	<20	20	1.61	0.71	1.27	0.03	0.13	38	29	2	19	5	13	<10	0.09	3		
201	10793	flt	sel	176	14	<20	<20	5	0.82	0.47	0.31	0.03	0.13	14	3	<2	16	1	<5	<10	0.08	1		
202	10812		sed	13	17	<20	<20	11	0.95	0.95	3.22	<0.01	0.03	92	7	<2	22	1	<5	<10	0.01	3		
202	10813		pan	88	33	<20	<20	18	1.58	1.07	2.73	0.02	0.14	103	8	3	30	2	<5	<10	0.04	5		
202	10814	flt	sel	208	70	<20	<20	2	0.20	0.02	0.06	<0.01	0.08	5	2	<2	<1	6	<5	<10	<0.01	7		
203	10798		sed	21	27	<20	<20	21	1.46	1.00	0.32	<0.01	0.06	11	8	3	22	2	<5	<10	0.03	<1		
203	10799		pan	171	53	<20	<20	19	2.11	0.84	0.78	0.03	0.13	13	42	3	21	4	19	<10	0.10	2		
204	10796		sed	14	27	<20	<20	18	0.92	0.64	0.26	<0.01	0.05	21	8	<2	10	2	<5	<10	0.02	<1		
204	10797		pan	122	358	<20	<20	12	1.63	0.79	0.96	0.03	0.10	26	16	<2	14	26	8	<10	0.16	2		
205	8020		pan	140		<200	<2	40				1.40							17.0	<1		<500	1.0	10.0
205	10819		pan	76	30	<20	<20	12	1.79	1.46	1.71	0.02	0.17	60	6	4	27	2	<5	<10	0.02	3		
205	10820		pan	92	33	<20	<20	18	1.98	1.53	1.27	0.02	0.20	56	6	4	30	3	<5	<10	0.03	3		
206	10815		sed	15	18	<20	<20	12	1.04	0.91	1.34	<0.01	0.04	48	6	<2	19	1	<5	<10	0.02	2		
206	10816		pan	79	43	<20	<20	16	3.00	1.59	1.63	0.02	0.17	69	6	4	32	4	<5	<10	0.05	4		
206	10817		pan	58	31	<20	<20	12	1.91	1.54	1.36	0.02	0.13	55	6	3	31	3	<5	<10	0.03	3		
206	10818		pan	78	32	<20	<20	13	1.97	1.56	1.71	0.02	0.17	66	6	4	32	3	<5	<10	0.02	3		
207	10800		sed	18	22	<20	<20	13	1.30	0.86	0.44	<0.01	0.05	21	5	2	28	2	<5	<10	<0.01	2		
207	10801		pan	151	46	<20	<20	17	2.12	1.20	0.45	0.04	0.36	23	6	4	43	4	<5	<10	0.02	6		
208	10821		sed	17	25	<20	<20	10	0.97	1.14	2.23	<0.01	0.05	34	10	<2	18	2	<5	<10	<0.01	3		
208	10822		pan	120	23	<20	<20	6	0.82	0.46	0.35	0.01	0.11	21	5	<2	13	2	<5	<10	<0.01	5		
209	10865		sed	23	30	<20	<20	10	1.28	0.84	0.63	<0.01	0.05	34	6	<2	24	3	<5	<10	0.02	3		
209	10866		pan	101	48	<20	<20	11	2.19	1.41	0.57	0.01	0.09	25	4	3	32	4	<5	<10	0.02	6		
210	10880	otc	cont	74	2	<20	<20	6	0.02	3.79	9.12	0.01	<0.01	152	4	<2	5	<1	<5	<10	<0.01	<1		
210	10881	flt	sel	151	2	<20	<20	4	0.24	1.98	8.30	0.14	<0.01	111	3	<2	4	<1	<5	<10	<0.01	<1		
211	12445		pan	177	34	<20	<20	18	1.86	1.75	>10.00	0.05	0.42	241	9	<2	56	1	<5	<10	<0.010	11		
211	12460		sed	8	7	<20	<20	4	0.43	1.49	>10.00	0.01	0.01	284	8	<2	34	<1	<5	<10	<0.010	8		
212	11901	otc	rand	213	36	<20	<20	2	0.13	0.02	0.04	<0.01	0.05	3	1	<2	1	2	<5	<10	<0.01	5		
212	11902		sed	9	15	<20	<20	7	0.67	1.03	7.12	<0.01	0.01	176	12	<2	34	<1	<5	<10	<0.01	14		
212	11903		pan	118	28	<20	<20	4	1.49	1.77	5.66	0.02	0.20	138	7	<2	71	<1	<5	<10	<0.01	16		
213	12449		sed	8	11	<20	<20	5	0.64	1.16	>10.00	<0.01	0.01	233	9	<2	30	<1	<5	<10	<0.010	15		
213	12450		pan	153	32	<20	<20	3	1.38	1.47	>10.00	0.02	0.26	220	8	<2	59	1	<5	<10	<0.010	13		
213	12451	flt	sel	52	184	<20	<20	5	5.16	1.78	4.87	0.04	0.14	84	10	<2	25	13	7	<10	0.275	3		
213	12452		sed	14	13	<20	<20	5	1.05	1.72	>10.00	<0.01	0.02	237	15	<2	45	<1	<5	<10	<0.010	12		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
213	12453	67.59576	150.50854	Swede Ck trib		pan	no vis Au, minor sulfides	Wiseman C-2	SW 17	32N	13W	Fairbanks
214	12443	67.57391	150.48417	Swede Ck		sed		Wiseman C-1	NE 29	32N	13W	Fairbanks
214	12444	67.57391	150.48417	Swede Ck		pan	no vis Au, abu fine py, no mag	Wiseman C-1	NE 29	32N	13W	Fairbanks
215	10677	67.53889	150.53307	Mascot Ck		pan	1 fine Au (?), 1 fine Ag (?)	Wiseman C-2	SE 6	31N	13W	Fairbanks
215	10678	67.53889	150.53307	Mascot Ck		sed		Wiseman C-2	SE 6	31N	13W	Fairbanks
215	10679	67.53889	150.53307	Mascot Ck	flt	sel	qz vlets xcut schist w/ gn(?)	Wiseman C-2	SE 6	31N	13W	Fairbanks
216	10667	67.53784	150.53107	Mascot Ck	otc	sel	slfic mdst w/ 3-5 % py	Wiseman C-2	SE 6	31N	13W	Fairbanks
217	10680	67.53784	150.52542	Mascot Ck		pan	minor blk sand, nonmagnetic	Wiseman C-2	SE 6	31N	13W	Fairbanks
217	10681	67.53784	150.52542	Mascot Ck		sed		Wiseman C-2	SE 6	31N	13W	Fairbanks
218	10682	67.53784	150.52542	Mascot Ck	otc	rand	mdst w/ <1 % py, lim	Wiseman C-2	SE 6	31N	13W	Fairbanks
219	10665	67.53611	150.52919	Mascot Ck		sed		Wiseman C-2	SE 6	31N	13W	Fairbanks
219	10683	67.53611	150.52919	Mascot Ck		pan	3 mm py cubes, no mag	Wiseman C-2	SE 6	31N	13W	Fairbanks
220	10656	67.53611	150.52919	Mascot Ck	otc	rand	meta mdst w/ 1-2 % diss py	Wiseman C-2	SE 6	31N	13W	Fairbanks
220	10657	67.53611	150.52919	Mascot Ck	otc	rand	schistose qtz w/ <1 % diss py	Wiseman C-2	SE 6	31N	13W	Fairbanks
221	10710	67.52859	150.55053	Mascot Ck		pan	no mag	Wiseman C-2	NW 7	31N	13W	Fairbanks
221	10711	67.52859	150.55053	Mascot Ck		sed		Wiseman C-2	NW 7	31N	13W	Fairbanks
222	10712	67.52639	150.55053	Mascot Ck	otc	sel	phyllite w/ py concretions	Wiseman C-2	NW 7	31N	13W	Fairbanks
223	11870	67.51625	150.51060	Discovery Pup	flt	sel	vein qz w/ 2% py, lim	Wiseman C-2	NW 17	31N	13W	Fairbanks
224	11871	67.51399	150.51658	Discovery Pup	flt	sel	felic qz w/ <1% po, tr cpy, py	Wiseman C-2	NW 17	31N	13W	Fairbanks
225	11874	67.51242	150.52080	Discovery Pup trib		sed		Wiseman C-2	NW 17	31N	13W	Fairbanks
225	11875	67.51242	150.52080	Discovery Pup trib		pan	no mag, no vis Au	Wiseman C-2	NW 17	31N	13W	Fairbanks
226	11872	67.51311	150.52179	Discovery Pup		sed		Wiseman C-2	NW 17	31N	13W	Fairbanks
226	11873	67.51311	150.52179	Discovery Pup		pan	no mag, no vis Au	Wiseman C-2	NW 17	31N	13W	Fairbanks
227	10671	67.50688	150.53955	Discovery Pup	otc	rand	qz musc schist w/ diss po	Wiseman C-2	SW 18	31N	13W	Fairbanks
227	10672	67.50688	150.53955	Discovery Pup	flt	sel	massive qz w/ <1 % py, po, tr gn	Wiseman C-2	SW 18	31N	13W	Fairbanks
227	10673	67.50688	150.53955	Discovery Pup	flt	sel	brecciated mdst w/ qz, py, gn	Wiseman C-2	SW 18	31N	13W	Fairbanks
228	10669	67.50688	150.53955	Discovery Pup		pan		Wiseman C-2	SW 18	31N	13W	Fairbanks
228	10670	67.50688	150.53955	Discovery Pup		sed		Wiseman C-2	SW 18	31N	13W	Fairbanks
229	10713	67.51306	150.55053	Mascot Ck	otc	sel	graphitic schist w/ py cubes	Wiseman C-2	NW 18	31N	13W	Fairbanks
230	10716	67.51033	150.54737	Mascot Ck		pan		Wiseman C-2	SW 18	31N	13W	Fairbanks
230	10717	67.51033	150.54737	Mascot Ck		sed		Wiseman C-2	SW 18	31N	13W	Fairbanks
231	10714	67.50945	150.54903	No. 1 Pup		pan	no mag, 1 py cube (3mm)	Wiseman C-2	SW 18	31N	13W	Fairbanks
231	10715	67.50945	150.54903	No. 1 Pup		sed		Wiseman C-2	SW 18	31N	13W	Fairbanks
232	10668	67.50688	150.54735	Mascot Ck		plac	abu coarse Au, abu sulfides	Wiseman C-2	SW 18	31N	13W	Fairbanks
233	10721	67.50083	150.54436	Mascot Ck	flt	sel	granitic felic rock w/ sp. py	Wiseman C-2	NW 19	31N	13W	Fairbanks
234	11304	67.49959	150.54436	Mascot Ck	otc	sel	graphitic schist w/ 2% py	Wiseman C-2	NW 19	31N	13W	Fairbanks
233	10722	67.49981	150.54553	O'Neil Ck		pan	no mag	Wiseman C-2	NW 19	31N	13W	Fairbanks
235	10723	67.49981	150.54553	O'Neil Ck		sed		Wiseman C-2	NW 19	31N	13W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
213	12453		pan	24	<5	1	0.8	32	6	105	2	48	13	0.8	<5	11	<5	0.048	3.60	731	<10	147
214	12443		sed	<5			0.8	38	9	106	2	41	15	1.2	<5	17	<5	0.034	3.13	757	<10	86
214	12444		pan	9	<5	2	0.6	66	20	156	<1	88	42	1.3	<5	35	5	0.049	7.18	1727	<10	59
215	10677		pan	10			0.3	93	42	125	2	56	32	<0.2	7	54	<5	0.343	8.65	1488	<10	38
215	10678		sed	<5			0.2	38	16	93	1	29	17	<0.2	<5	21	<5	0.067	3.61	1470	<10	83
215	10679	flt	sel	<5			1.2	<1	39	19	1	8	2	<0.2	<5	221	7	0.012	3.83	1925	<10	7
216	10667	otc	sel	<5			<0.2	43	28	18	3	21	12	<0.2	<5	24	10	0.048	2.71	360	<10	52
217	10680		pan	36			0.2	25	16	119	1	35	19	<0.2	<5	<5	<5	0.107	6.07	1279	<10	562
217	10681		sed	<5			0.2	28	14	103	<1	29	17	<0.2	<5	<5	<5	0.059	4.28	1184	<10	25
218	10682	otc	rand	<5			<0.2	47	45	8	4	17	4	0.2	<5	315	7	0.070	2.09	134	<10	96
219	10685		sed	<5			0.4	33	16	92	1	28	16	<0.2	<5	33	<5	0.036	3.99	1420	<10	50
219	10683		pan	253			<0.2	66	14	87	1	44	27	<0.2	<5	31	<5	0.279	6.42	1419	<10	57
220	10656	otc	rand	<5			0.3	121	28	11	4	33	16	<0.2	<5	34	20	0.127	2.42	204	<10	62
220	10657	otc	rand	6			<0.2	95	21	15	2	57	35	<0.2	<5	30	17	0.054	3.37	3223	<10	68
221	10710		pan	7364			1.2	65	55	96	2	37	18	<0.2	7	36	<5	0.101	5.78	1428	<10	388
221	10711		sed	<5			0.2	48	17	89	2	36	17	<0.2	<5	9	<5	0.039	3.99	1264	<10	27
222	10712	otc	sel	7			0.4	89	38	61	1	33	13	<0.2	<5	14	8	0.079	4.44	706	<10	93
223	11870	flt	sel	22			<0.2	24	41	20	10	13	7	<0.2	<5	37	41	0.013	3.46	1949	<10	10
224	11871	flt	sel	<5			<0.2	43	8	95	3	12	5	0.2	<5	<5	25	0.116	1.87	916	<10	6
225	11874		sed	<5			<0.2	19	8	59	<1	18	13	<0.2	<5	6	<5	0.012	3.21	842	<10	15
225	11875		pan	73	8	6	<0.2	44	28	105	2	32	19	<0.2	<5	7	<5	0.017	6.30	1030	<10	88
226	11872		sed	<5			<0.2	36	9	70	<1	24	16	<0.2	<5	7	<5	0.014	4.25	1124	<10	12
226	11873		pan	15	<5	4	<0.2	55	58	123	2	37	21	<0.2	<5	9	<5	0.016	7.29	1376	<10	65
227	10671	otc	rand	<5			<0.2	21	6	24	2	26	18	<0.2	<5	10	7	0.012	4.03	1810	<10	156
227	10672	flt	sel	<5			1.4	31	256	8	2	28	8	0.3	<5	8	96	0.013	1.72	1129	<10	3
227	10673	flt	sel	<5			1.3	1	363	28	1	10	3	<0.2	<5	10	7	0.017	3.58	3626	<10	5
228	10669		pan	10			<0.2	44	33	109	2	36	18	0.2	<5	41	<5	0.124	6.26	1506	<10	102
228	10670		sed	<5			0.2	39	13	83	2	27	15	<0.2	<5	19	<5	0.024	3.72	1302	<10	16
229	10717	otc	sel	<5			<0.2	48	15	109	3	41	22	<0.2	<5	22	6	0.055	6.90	1600	<10	30
230	10716		pan	1145			0.7	110	65	93	<1	51	41	<0.2	<5	54	<5	0.126	8.81	1490	<10	20
230	10717		sed	<5			0.3	40	14	39	<1	30	17	<0.2	<5	19	<5	0.043	3.70	1271	<10	56
231	10714		pan	424.57 ppm			50.6	40	105	122	2	42	23	<0.2	<5	51	<5	3.453	5.98	1447	<10	156
231	10715		sed	<5			0.2	29	14	103	2	30	15	<0.2	<5	11	<5	0.060	3.52	1521	<10	34
232	10668		plac	1.08 oz/cyd			1.7	166	52	89	11	58	77	0.7	6	306	6	0.192	>10.00	911	<10	2
233	10721	flt	sel	<5			4.2	4	2315	138	3	10	<1	0.7	<5	<5	7	0.406	5.37	4966	<10	>2000
234	11304	otc	sel	23			0.9	34	44	32	3	22	11	<0.2	<5	21	<5	0.080	3.18	281	<10	24
235	10722		pan	312			<0.2	36	12	75	1	31	13	<0.2	<5	12	<5	0.061	4.56	1035	<10	54
235	10723		sed	<5			<0.2	29	10	53	<1	20	11	<0.2	<5	8	<5	0.019	2.44	755	<10	15

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
213	12453		pan	86	20	<20	<20	4	1.26	1.68	>10.00	0.02	0.15	258	9	<2	63	<1	<5	<10	<0.010	8		
214	12443		sed	9	9	<20	<20	5	0.71	1.28	>10.00	<0.01	0.01	219	8	<2	26	<1	<5	<10	<0.010	8		
214	12444		pan	81	41	<20	<20	4	2.23	1.01	5.46	0.04	0.43	139	6	10	72	1	<5	<10	<0.010	13		
215	10677		pan	74	38	<20	<20	17	2.28	1.8	0.46	0.01	0.16	45	5	3	41	<1	<5	<10	0.02	4		
215	10678		sed	19	25	<20	<20	15	1.45	1.16	4.13	0.02	0.07	303	6	2	36	<1	<5	<10	0.02	2		
215	10679	flt	sel	41	8	<20	<20	3	0.10	6.04	>10.00	0.01	0.07	408	4	<2	8	7	<5	<10	<0.01	<1		
216	10667	otc	sel	133	31	<20	<20	9	1.06	0.30	0.21	0.02	0.18	10	3	<2	17	<1	<5	<10	<0.01	9		
217	10680		pan	78	41	<20	<20	16	2.54	2.15	0.27	0.01	0.14	20	5	4	36	1	<5	<10	0.03	2		
217	10681		sed	25	31	<20	<20	23	1.75	1.43	0.38	<0.01	0.06	26	4	2	33	<1	<5	<10	0.03	2		
218	10682	otc	rand	148	14	<20	<20	13	0.59	0.20	0.09	0.02	0.17	13	3	<2	7	<1	<5	<10	<0.01	13		
219	10683		sed	21	27	<20	<20	10	1.52	1.27	0.79	<0.01	0.07	43	7	<2	27	<1	<5	<10	0.02	2		
219	10683		pan	83	35	<20	<20	14	2.07	1.67	0.43	0.02	0.15	31	5	<2	30	<1	<5	<10	0.03	3		
220	10656	otc	rand	121	15	<20	<20	9	0.77	0.28	0.24	0.03	0.21	12	4	<2	10	<1	<5	<10	<0.01	17		
220	10657	otc	rand	111	16	<20	<20	8	0.79	0.79	1.22	0.03	0.23	39	3	<2	11	<1	<5	<10	<0.01	9		
221	10710		pan	80	34	<20	21	16	2.19	1.72	0.87	0.02	0.17	58	6	3	33	<1	<5	<10	0.02	4		
221	10711		sed	19	24	<20	<20	20	1.44	1.18	1.81	<0.01	0.05	252	7	<2	29	<1	<5	<10	0.01	2		
222	10712	otc	sel	70	14	<20	<20	5	1.33	1.41	6.00	0.03	0.26	292	10	<2	37	2	<5	<10	<0.01	3		
223	11870	flt	sel	164	6	<20	<20	1	0.32	1.10	3.13	0.02	0.07	205	10	<2	5	<1	<5	<10	<0.01	1		
224	11871	flt	sel	233	2	<20	<20	2	0.09	0.51	1.80	0.01	0.08	74	3	<2	<1	<1	<5	<10	<0.01	2		
225	11874		sed	17	20	<20	<20	18	1.24	0.88	0.43	<0.01	0.05	22	7	3	17	1	<5	<10	0.03	<1		
225	11875		pan	176	45	<20	<20	13	2.56	1.67	0.32	0.04	0.32	21	6	4	40	2	<5	<10	0.08	1		
226	11872		sed	18	20	<20	<20	18	1.35	0.97	0.66	<0.01	0.04	36	8	3	22	1	<5	<10	0.02	2		
226	11873		pan	151	35	<20	<20	12	2.70	1.02	0.52	0.04	0.33	57	10	3	45	1	<5	<10	0.02	4		
227	10671	otc	rand	61	18	<20	<20	9	1.12	1.63	2.76	0.03	0.19	94	8	<2	22	1	<5	<10	<0.01	2		
227	10672	flt	sel	254	1	<20	<20	<1	0.06	0.62	1.94	<0.01	0.02	111	7	<2	1	<1	<5	<10	<0.01	1		
227	10673	flt	sel	69	5	<20	<20	4	0.09	3.79	9.08	0.03	0.04	168	6	<2	2	3	<5	<10	<0.01	1		
228	10669		pan	68	35	<20	<20	16	2.24	1.89	0.81	0.01	0.13	47	8	3	36	<1	<5	<10	0.03	3		
228	10670		sed	18	23	<20	<20	21	1.31	1.21	0.71	<0.01	0.05	43	8	2	24	<1	<5	<10	0.02	2		
229	10713	otc	sel	91	40	<20	<20	7	2.82	1.91	1.72	0.03	0.23	56	8	4	24	1	<5	<10	<0.01	3		
230	10716		pan	71	34	<20	<20	17	2.07	1.71	0.84	0.01	0.14	46	6	2	32	<1	<5	<10	0.02	3		
230	10717		sed	19	24	<20	<20	19	1.36	1.20	1.39	<0.01	0.05	163	7	<2	24	<1	<5	<10	0.02	2		
231	10714		pan	129	29	<20	<20	20	1.83	1.41	0.4	0.02	0.17	29	5	<2	35	1	<5	<10	0.03	5		
231	10715		sed	16	16	<20	<20	19	1.13	0.93	0.42	<0.01	0.04	25	6	<2	27	<1	<5	<10	0.01	2		
232	10668		plac	143	18	<20	24	2	1.38	0.81	0.49	0.03	0.27	16	7	<2	24	<1	<5	<10	0.04	3		
233	10721	flt	sel	34	24	<20	<20	2	0.59	3.57	>10.00	<0.01	0.01	>2000	7	<2	2	4	<5	<10	<0.01	1		
234	11304	otc	sel	112	15	<20	<20	9	0.69	0.53	0.23	0.02	0.15	9	4	<2	8	<1	<5	<10	<0.01	14		
235	10722		pan	98	30	<20	<20	16	1.90	1.72	0.29	0.02	0.14	18	5	2	23	<1	<5	<10	0.02	3		
235	10723		sed	13	14	<20	<20	14	0.87	0.82	0.29	<0.01	0.03	21	5	2	13	<1	<5	<10	0.02	1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
235	10733	67.49981	150.34553	Mascot Ck	flt	sel	porphyritic andesite w/ <1% po	Wiseman C-2	NW 19	31N	13W	Fairbanks
236	11303	67.49343	150.53679	Mascot Ck	otc	sel	mica-qz schist w/ 1% py	Wiseman B-2	SE 19	31N	13W	Fairbanks
237	8019	67.49135	150.53334	Mascot Ck		pan	cupola bottoms, Hg(?), blk sands	Wiseman B-2	SE 19	31N	13W	Fairbanks
238	11285	67.49135	150.53030	Knorr Ck		sed		Wiseman B-2	SE 19	31N	13W	Fairbanks
238	11286	67.49135	150.53030	Knorr Ck		pan	1 v fine nugget Au	Wiseman B-2	SE 19	31N	13W	Fairbanks
238	11301	67.49135	150.53030	Knorr Ck	flt	sel	blk phyllite w/ 5% py stringers	Wiseman B-2	SE 19	31N	13W	Fairbanks
238	11302	67.49135	150.53030	Knorr Ck	flt	sel	green tuff w/ sulfides, ampli, feld	Wiseman B-2	SE 19	31N	13W	Fairbanks
239	8017	67.48280	150.53334	Mascot Ck	flt	grab	qz-carb vein w/ cpy, py, ba, ank	Wiseman B-2	SE 19	31N	13W	Fairbanks
239	8018	67.48280	150.53334	Mascot Ck	flt	grab	vein qtz w/ py/po; dpy bands	Wiseman B-2	SE 19	31N	13W	Fairbanks
239	11305	67.49135	150.53030	Mascot Ck		slu	py xls from concentrate	Wiseman B-2	SE 19	31N	13W	Fairbanks
239	11306	67.48280	150.53334	Mascot Ck	flt	sel	qtz-calcite w/ 1% apy, 4% py	Wiseman B-2	SE 19	31N	13W	Fairbanks
240	12458	67.48431	150.53399	Mascot Ck		slu	abu coarse py, tr mag	Wiseman B-2	NE 30	31N	13W	Fairbanks
241	12459	67.47783	150.53633	Mascot Ck	otc	sel	phyllite xcut by qz vlet w/ 1% py	Wiseman B-2	SE 30	31N	13W	Fairbanks
242	12463	67.46541	150.57224	Preacher Ck		sed		Wiseman B-2	SE 36	31N	14W	Fairbanks
242	12464	67.46541	150.57224	Preacher Ck		pan	no vis Au, minor mag & sulfides	Wiseman B-2	SE 36	31N	14W	Fairbanks
243	12465	67.47387	150.47165	Glacier R	flt	sel	qz ch sch w/ cc(?), tr po, mal	Wiseman B-1	NW 33	31N	13W	Fairbanks
244	11890	67.38647	150.47386	Bluecloud Mtn		sed		Wiseman B-1	NW 33	30N	13W	Fairbanks
244	11891	67.38647	150.47386	Bluecloud Mtn		pan	1 v fine Au, no mag	Wiseman B-1	NW 33	30N	13W	Fairbanks
244	11892	67.38647	150.47386	Bluecloud Mtn	flt	sel	calc bfft w/ 1-2% diss sulfides	Wiseman B-1	NW 33	30N	13W	Fairbanks
245	11889	67.39671	150.44344	Bluecloud Mtn	flt	rand	qz-bio schist	Wiseman B-1	NW 27	30N	13W	Fairbanks
246	11888	67.39889	150.43238	Bluecloud Mtn	rub	grab	1% finely diss sulfides	Wiseman B-1	NW 27	30N	13W	Fairbanks
247	11893	67.40958	150.33924	Wiseman Ck		pan	minor mag, no vis Au	Wiseman B-1	SE 24	30N	13W	Fairbanks
247	11894	67.40958	150.33924	Wiseman Ck		pan	minor mag, no vis Au	Wiseman B-1	SE 24	30N	13W	Fairbanks
248	11770	67.46283	150.30881	Wiseman Ck		sed		Wiseman B-1	SE 31	31N	12W	Fairbanks
248	11771	67.46283	150.30881	Wiseman Ck		pan	1 v fine Au(?)	Wiseman B-1	SE 31	31N	12W	Fairbanks
248	11772	67.46238	150.30717	Wiseman Ck		pan	no mag, no vis Au	Wiseman B-1	SE 31	31N	12W	Fairbanks
249	11773	67.46433	150.29252	Wiseman Ck		pan	mod mag, no vis Au	Wiseman B-1	SW 32	31N	12W	Fairbanks
250	11758	67.47885	150.30184	Snowshoe Ck		sed		Wiseman B-1	SE 30	31N	12W	Fairbanks
250	11759	67.47885	150.30184	Snowshoe Ck		pan	minor mag	Wiseman B-1	SE 30	31N	12W	Fairbanks
250	11760	67.47768	150.29729	Snowshoe Ck, E trib		sed		Wiseman B-1	SE 30	31N	12W	Fairbanks
250	11761	67.47768	150.29729	Snowshoe Ck, E trib		pan		Wiseman B-1	SE 30	31N	12W	Fairbanks
251	11762	67.48199	150.31437	Snowshoe Ck, N trib		sed		Wiseman B-1	SE 30	31N	12W	Fairbanks
251	11763	67.48199	150.31437	Snowshoe Ck, N trib		pan	3 v fine Au	Wiseman B-1	SE 30	31N	12W	Fairbanks
251	11764	67.48025	150.31376	Snowshoe Ck, W trib		sed		Wiseman B-1	SE 30	31N	12W	Fairbanks
251	11765	67.48025	150.31376	Snowshoe Ck, W trib		pan		Wiseman B-1	SE 30	31N	12W	Fairbanks
252	12461	67.53082	150.42318	Little Swede Ck		sed		Wiseman C-2	NW 10	31N	13W	Fairbanks
252	12462	67.53082	150.42318	Little Swede Ck		pan	1 v fine Au, mod py, no mag	Wiseman C-2	NW 10	31N	13W	Fairbanks
253	10867	67.53017	150.31559	Washington Ck		sed		Wiseman C-1	NW 7	31N	12W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
235	10724	flt	sel	<5			0.3	68	21	46	2	26	17	<0.2	<5	<5	<5	0.073	5.24	1018	<10	30
236	11303	otc	sel	<5			0.3	33	19	31	<1	21	11	<0.2	<5	6	<5	0.027	3.10	1147	<10	36
237	8019		pan	>10000			>300			<2200	<340	<570	<47	<460		<39	314.0	4.299	<11		<3200	<4700
238	11285		sed	<5			<0.2	30	10	61	<1	25	14	<0.2	<5	10	<5	0.012	3.18	1021	<10	15
238	11286		pan	3891	7	8	0.9	67	7	85	2	38	14	<0.2	<5	31	<5	0.205	5.68	1181	<10	91
238	11301	flt	sel	11			0.8	48	18	15	72	52	4	<0.2	<5	75	<5	0.104	1.36	18	<10	21
238	11302	flt	sel	<5			0.2	67	<2	50	<1	58	23	<0.2	<5	<5	<5	0.020	5.58	317	<10	24
239	8017	flt	grab	<5			<5			<200	6	75	49	<10		3	2.9		6.4		<20	<100
239	8018	flt	grab	32			<5			<200	<5	47	75	<10		5130	4.1		4.1		<54	<100
239	11305		slu	0.27 ppm	<70	<70	<0.2	45	24	28	4	92	537	<0.2	<5	15	<5	0.047	>10.00	48	<10	<1
239	11306	flt	sel	10			<0.2	7	4	3	<1	23	57	3.4	<5	2527	<5	0.018	2.67	24	<10	10
240	12458		slu		<5	3	17.3	152	4895	98	<1	51	72	0.6	26	25	7	0.194	8.73	1149	<10	36
241	12459	otc	sel	8			<0.2	32	4	20	1	30	12	<0.2	<5	33	28	0.065	1.19	2006	<10	23
242	12463		sed	<5			<0.2	21	5	53	<1	25	14	<0.2	<5	8	<5	0.017	2.92	1567	<10	23
242	12464		pan	49	5	<1	<0.2	30	10	90	1	39	20	<0.2	<5	9	<5	0.023	5.14	1538	<10	72
243	12465	flt	sel	32			2.1	3215	4	117	2	36	20	<0.2	<5	5	<5	0.375	4.73	1252	<10	53
244	11890		sed	<5			<0.2	53	11	141	2	65	25	0.9	<5	14	<5	0.025	3.96	469	<10	56
244	11891		pan	6	<5	5	<0.2	37	9	132	3	78	36	1	<5	14	<5	0.020	4.30	734	<10	102
244	11892	flt	sel	<5			0.5	32	4	44	2	40	11	<0.2	<5	<5	5	<0.010	2.43	297	<10	258
245	11889	flt	rand	<5			<0.2	44	9	79	1	24	13	<0.2	<5	<5	<5	<0.010	3.85	176	<10	51
246	11888	rub	grab	<5			<0.2	42	3	53	3	24	12	<0.2	<5	7	12	<0.010	3.00	190	<10	420
247	11893		pan	60	5	5	<0.2	47	16	129	3	84	34	0.7	<5	18	<5	0.015	3.90	660	<10	89
247	11894		pan	8	<5	5	<0.2	27	7	121	4	59	20	1	<5	15	<5	0.012	4.87	1616	<10	78
248	11770		sed	<5			<0.2	35	10	91	<1	45	20	0.4	<5	13	<5	0.016	3.52	854	<10	25
248	11771		pan	9	<5	5	<0.2	38	10	100	2	42	23	0.4	<5	15	<5	0.030	4.83	1562	<10	87
248	11772		pan	4	<5	5	<0.2	34	8	111	3	51	24	0.3	<5	11	<5	<0.010	4.58	1164	<10	86
249	11773		pan	4	5	4	<0.2	35	11	90	3	45	21	0.4	<5	14	<5	0.011	5.43	2550	<10	39
250	11758		sed	<5			<0.2	35	11	50	1	22	13	<0.2	<5	9	<5	0.012	2.99	1203	<10	13
250	11759		pan	5	<5	5	<0.2	41	13	84	5	31	18	<0.2	<5	8	<5	<0.010	5.24	1624	<10	70
250	11760		sed	<5			<0.2	30	9	53	<1	24	15	<0.2	<5	10	<5	0.018	3.24	1777	<10	20
250	11761		pan	9	<5	5	<0.2	64	20	89	2	38	24	<0.2	<5	25	<5	0.025	6.28	3488	<10	39
251	11762		sed	<5			<0.2	29	17	62	<1	25	15	<0.2	<5	7	<5	0.011	3.87	1082	<10	14
251	11763		pan	7	<5	4	<0.2	67	18	115	2	32	16	0.2	<5	13	<5	0.038	4.91	1482	<10	224
251	11764		sed	<5			<0.2	27	7	47	<1	22	12	<0.2	<5	6	<5	0.015	2.99	1318	<10	14
251	11765		pan	6	<5	5	<0.2	35	7	82	4	33	16	<0.2	<5	7	<5	0.030	5.03	2238	<10	72
252	12461		sed	<5			<0.2	24	6	72	<1	26	16	<0.2	<5	6	<5	0.021	3.88	1084	<10	14
252	12462		pan	2035	<5	<1	<0.2	26	9	115	1	37	22	<0.2	<5	6	<5	0.018	6.99	1384	<10	106
253	10867		sed	<5			<0.2	31	10	76	<1	24	14	<0.2	<5	11	<5	0.016	4.35	1141	<10	12

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
235	10724	flt	sel	70	174	<20	<20	6	4.78	1.04	6.12	0.03	0.05	87	13	<2	21	6	12	<10	0.28	9		
236	11303	otc	sel	61	7	<20	<20	10	0.48	1.27	2.76	0.02	0.28	69	6	<2	5	<1	<5	<10	<0.01	<1		
237	8019		pan	>6500			<50	36	6			2.10							19.0	<5			<74.0	<68.0
238	11285		sed	18	19	<20	<20	16	1.19	0.87	0.61	<0.01	0.05	29	8	<2	17	<1	<5	<10	0.01	<1		
238	11286		pan	324	59	<20	<20	29	3.02	1.87	0.40	0.09	0.37	25	8	5	33	<1	8	<10	0.06	<1		
238	11301	flt	sel	142	57	<20	<20	9	0.31	0.05	0.13	0.01	0.17	8	4	<2	2	<1	<5	<10	<0.01	18		
238	11302	flt	sel	72	134	<20	<20	2	5.29	2.92	3.92	0.03	0.07	44	8	6	34	<1	7	<10	0.17	<1		
239	8017	flt	grab	190		<200	<2	<5				0.24							4.2	<1		<500	<0.5	<0.5
239	8018	flt	grab	250		<450	<2	<5				0.12							1.9	<1		<500	<0.5	<0.9
239	11305		slu	120	6	<20	<20	3	0.13	0.03	0.04	<0.01	0.05	3	2	<2	<1	<1	<5	<10	<0.01	6		
239	11306	flt	sel	138	1	<20	<20	1	0.08	0.02	0.01	<0.01	0.04	1	<1	<2	<1	<1	<5	<10	<0.01	<1		
240	12458		slu	90	40	<20	<20	2	2.02	1.35	0.71	0.03	0.27	88	7	12	33	2	<5	<10	0.041	7		
241	12459	otc	sel	138	4	<20	<20	4	0.23	0.35	0.67	<0.01	0.06	60	1	<2	3	<1	<5	<10	<0.010	<1		
242	12463		sed	14	16	<20	<20	13	0.94	0.72	0.81	<0.01	0.04	40	6	<2	14	<1	<5	<10	0.016	<1		
242	12464		pan	280	40	<20	<20	12	1.93	1.28	1.01	0.03	0.26	44	6	<2	33	1	<5	<10	0.030	2		
243	12465	flt	sel	61	25	<20	<20	13	2.74	1.54	0.54	0.05	0.18	23	12	6	45	1	<5	<10	<0.010	<1		
244	11890		sed	22	30	<20	<20	77	1.31	1.14	0.95	<0.01	0.06	31	39	3	24	2	<5	<10	0.03	<1		
244	11891		pan	217	31	<20	<20	34	1.67	0.96	1.61	0.04	0.25	68	24	<2	24	<1	<5	<10	0.06	6		
244	11892	flt	sel	25	25	<20	<20	9	1.29	1.54	5.38	0.03	0.63	363	7	3	22	<1	<5	<10	0.12	13		
245	11889	flt	rand	89	25	<20	<20	11	2.07	1.08	0.18	0.04	0.33	14	6	4	32	<1	<5	<10	0.06	1		
246	11888	rub	grab	184	35	<20	<20	7	1.43	1.00	0.48	0.04	0.55	25	8	3	16	2	<5	<10	0.22	3		
247	11893		pan	191	34	<20	<20	39	1.81	1.17	1.75	0.04	0.21	63	33	<2	27	2	<5	<10	0.08	5		
247	11894		pan	271	38	<20	<20	15	1.91	1.14	0.37	0.05	0.23	14	16	<2	24	2	8	<10	0.05	2		
248	11770		sed	19	24	<20	<20	33	1.29	1.05	1.95	<0.01	0.05	57	22	2	18	2	<5	<10	0.03	<1		
248	11771		pan	205	36	<20	<20	16	1.84	1.15	1.85	0.04	0.22	70	19	<2	24	<1	7	<10	0.01	2		
248	11772		pan	176	36	<20	<20	17	1.87	1.21	1.52	0.04	0.23	57	16	2	26	<1	<5	<10	0.06	3		
249	11773		pan	233	40	<20	<20	16	1.94	1.04	1.68	0.04	0.20	57	29	<2	22	1	13	<10	0.09	2		
250	11758		sed	15	17	<20	<20	16	1.04	0.95	1.92	<0.01	0.03	120	9	2	11	<1	<5	<10	0.02	1		
250	11759		pan	195	40	<20	<20	11	2.33	1.66	1.38	0.05	0.25	117	8	3	26	2	<5	<10	0.07	2		
250	11760		sed	13	17	<20	<20	14	0.90	0.72	1.09	<0.01	0.03	65	7	2	11	<1	<5	<10	0.01	<1		
250	11761		pan	193	33	<20	<20	8	1.79	1.42	2.31	0.04	0.21	147	10	<2	21	<1	<5	<10	0.02	3		
251	11762		sed	22	25	<20	<20	20	1.53	1.25	1.42	<0.01	0.05	74	9	3	18	1	<5	<10	0.03	1		
251	11763		pan	167	37	<20	<20	11	2.15	1.66	1.98	0.05	0.23	135	8	3	34	1	<5	<10	0.05	2		
251	11764		sed	12	12	<20	<20	13	0.89	0.69	1.99	<0.01	0.03	154	8	<2	11	<1	<5	<10	<0.01	<1		
251	11765		pan	247	29	<20	<20	9	2.20	1.45	2.96	0.04	0.28	352	8	3	26	<1	<5	<10	<0.01	3		
252	12461		sed	21	25	<20	<20	23	1.55	0.96	0.52	<0.01	0.06	28	9	<2	22	1	<5	<10	0.026	<1		
252	12462		pan	217	67	<20	<20	15	3.26	1.77	0.41	0.05	0.55	22	6	3	48	3	6	<10	0.068	<1		
253	10867		sed	18	24	<20	<20	15	1.31	1.02	0.81	<0.01	0.03	40	8	2	30	2	<5	<10	<0.01	2		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
253	10868	67.53017	150.31559	Washington Ck		pan	tr py, no vis Au	Wiseman C-1	NW 7	31N	12W	Fairbanks
253	10869	67.53017	150.31559	Washington Ck		sed		Wiseman C-1	NW 7	31N	12W	Fairbanks
253	10870	67.53017	150.31559	Washington Ck		pan	no vis Au	Wiseman C-1	NW 7	31N	12W	Fairbanks
254	10871	67.54080	150.29926	Washington Ck		sed		Wiseman C-1	NE 6	31N	12W	Fairbanks
254	10872	67.54080	150.29926	Washington Ck		pan	tr mag, no vis Au	Wiseman C-1	NE 6	31N	12W	Fairbanks
254	10873	67.54080	150.29926	Washington Ck		sed		Wiseman C-1	NE 6	31N	12W	Fairbanks
254	10874	67.54080	150.29926	Washington Ck		pan	tr py, no vis Au	Wiseman C-1	NE 6	31N	12W	Fairbanks
255	11176	67.53153	150.21591	Vermont Dome	otc	sel	ch phyllite w/ py	Wiseman C-1	NW 10	31N	12W	Fairbanks
256	11178	67.53028	150.19110	Vermont Dome	otc	sel	meta qz w/ py-hem pseudo	Wiseman C-1	NE 10	31N	12W	Fairbanks
257	11177	67.52917	150.20455	Vermont Dome	otc	sel	meta qz	Wiseman C-1	NW 10	31N	12W	Fairbanks
258	11179	67.52444	150.23447	Vermont Dome	otc	sel	qz vein w/ sld	Wiseman C-1	SE 9	31N	12W	Fairbanks
259	11344	67.52333	150.23447	Vermont Dome	flt	sel	qz float	Wiseman C-1	SE 9	31N	12W	Fairbanks
260	11345	67.52278	150.23447	Vermont Dome	flt	rand	vein qz	Wiseman C-1	SE 9	31N	12W	Fairbanks
261	11346	67.52194	150.23447	Vermont Dome	flt	rand	vein qz	Wiseman C-1	SE 9	31N	12W	Fairbanks
262	11347	67.52139	150.23485	Vermont Dome	flt	rand	vein qz	Wiseman C-1	SE 9	31N	12W	Fairbanks
263	12448	67.52069	150.22898	Vermont Dome	flt	sel	vein qz w/ tr cpy, py, po, ep, gar	Wiseman C-1	SE 9	31N	12W	Fairbanks
264	10653	67.52062	150.23305	Vermont Ck	otc	rand	phyllite w/ silic nodules, lim	Wiseman C-1	SE 9	31N	12W	Fairbanks
265	10654	67.51981	150.22984	Vermont Ck	flt	sel	massive qz w/ lim	Wiseman C-1	NE 16	31N	12W	Fairbanks
266	12441	67.52012	150.19696	Vermont Ck		sed		Wiseman C-1	SE 10	31N	12W	Fairbanks
266	12442	67.52012	150.19696	Vermont Ck		pan	no vis Au, minor fine sulfides	Wiseman C-1	SE 10	31N	12W	Fairbanks
267	12399	67.51922	150.18613	Vermont Ck		sed		Wiseman C-1	SE 10	31N	12W	Fairbanks
267	12400	67.51922	150.18613	Vermont Ck		pan	no vis Au, no mag	Wiseman C-1	SE 10	31N	12W	Fairbanks
268	12397	67.52056	150.18372	Vermont Ck		sed		Wiseman C-1	SE 10	31N	12W	Fairbanks
268	12398	67.52056	150.18372	Vermont Ck		pan	no vis Au, no mag	Wiseman C-1	SE 10	31N	12W	Fairbanks
269	12411	67.51788	150.17271	Vermont Ck trib		pan	no vis Au, no blk sands	Wiseman C-1	NW 14	31N	12W	Fairbanks
270	12263	67.52840	150.12227	Unnamed Ck		sed		Wiseman C-1	NW 12	31N	12W	Fairbanks
270	12264	67.52840	150.12227	Unnamed Ck		pan	no mag, no vis Au	Wiseman C-1	NW 12	31N	12W	Fairbanks
271	12265	67.52858	150.11911	Unnamed Ck		pan	no mag, no vis Au	Wiseman C-1	NW 12	31N	12W	Fairbanks
272	11275	67.52477	150.10182	Hammond R bench		sed		Wiseman C-1	SW 7	31N	11W	Fairbanks
272	11276	67.52477	150.10182	Hammond R bench		pan	1 fine, 2 v fine Au	Wiseman C-1	SW 7	31N	11W	Fairbanks
272	11277	67.52377	150.09852	Hammond R bench		plac	3 fine, 5 v fine Au	Wiseman C-1	SW 7	31N	11W	Fairbanks
272	11278	67.52377	150.09852	Hammond R bench		plac	2 v fine Au, tr mag	Wiseman C-1	SW 7	31N	11W	Fairbanks
272	11279	67.52377	150.09852	Hammond R bench		plac	3 coarse, 4 fine, 6 v fine Au	Wiseman C-1	SW 7	31N	11W	Fairbanks
273	12413	67.51955	150.11756	Spots Pup		pan	no vis Au, no mag	Wiseman C-1	SE 12	31N	12W	Fairbanks
274	11348	67.51667	150.09943	Hammond R	otc	sel	qz vein w/ py & other sulfides	Wiseman C-1	NW 18	31N	11W	Fairbanks
275	12276	67.51653	150.10356	Hammond R		pan	minor py, no mag, no vis Au	Wiseman C-1	NW 18	31N	11W	Fairbanks
275	12277	67.51653	150.10356	Hammond R	otc	rand	qz vlet w/minor py, tr mal(?)	Wiseman C-1	NW 18	31N	11W	Fairbanks
276	12278	67.50772	150.10534	Hammond R		pan	minor py, no mag, no vis Au	Wiseman C-1	SE 13	31N	12W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
253	10868		pan	<5	<5	<1	<0.2	37	6	93	<1	31	17	<0.2	<5	12	<5	0.013	6.03	940	<10	60
253	10869		sed	<5			<0.2	28	10	85	<1	27	16	<0.2	<5	6	<5	0.018	4.45	1050	<10	16
253	10870		pan	12	<5	<1	<0.2	34	8	90	<1	32	18	<0.2	<5	8	<5	0.015	5.85	1192	<10	75
254	10871		sed	<5			<0.2	34	7	77	<1	25	15	<0.2	<5	6	<5	<0.010	4.32	871	<10	10
254	10872		pan	12	<5	<1	<0.2	34	7	102	<1	31	19	<0.2	<5	6	<5	0.014	6.09	934	<10	65
254	10873		sed	<5			<0.2	32	10	88	<1	27	16	<0.2	<5	17	<5	0.016	4 69	1408	<10	14
254	10874		pan	<5	<5	<1	<0.2	36	8	91	<1	30	17	<0.2	<5	16	<5	0.011	5.63	862	<10	60
255	11176	otc	sel	6			<0.2	33	16	107	<1	52	33	<0.2	<5	<5	<5	0.010	6.89	1405	<10	42
256	11178	otc	sel	<5			0.2	19	62	19	7	16	4	<0.2	<5	<5	<5	<0.010	3.11	1674	<10	7
257	11177	otc	sel	<5			0.7	5	15	9	<1	3	1	<0.2	<5	<5	<5	<0.010	1.32	7054	<10	18
258	11179	otc	sel	<5			0.4	20	52	9	<1	3	4	<0.2	<5	<5	6	<0.010	1.35	3333	<10	7
259	11344	flt	sel	<5			0.9	25	355	11	2	11	3	<0.2	<5	<5	<5	<0.010	1.74	2320	<10	3
260	11345	flt	rand	<5			<0.2	41	16	4	2	10	2	<0.2	<5	<5	<5	<0.010	0.65	157	<10	4
261	11346	flt	rand	<5			0.4	262	116	24	3	25	11	<0.2	<5	<5	<5	<0.010	2.93	2340	<10	9
262	11347	flt	rand	<5			<0.2	18	62	6	1	11	4	<0.2	<5	<5	<5	<0.010	1.46	1310	<10	5
263	12448	flt	sel	<5			0.3	439	38	35	5	55	26	<0.2	<5	<5	13	0.023	2.83	757	<10	7
264	10653	otc	rand	<5			<0.2	13	14	53	3	28	16	<0.2	<5	15	18	0.045	6.06	1928	<10	31
265	10654	flt	sel	<5			<0.2	14	31	14	2	10	4	<0.2	<5	8	36	0.023	1.33	1153	<10	10
266	12441		sed	<5			<0.2	35	7	71	<1	31	19	<0.2	<5	7	<5	0.013	4.48	1097	<10	9
266	12442		pan	9	<5	<1	<0.2	31	19	96	<1	37	23	<0.2	<5	8	<5	0.042	6.37	942	<10	63
267	12399		sed	<5			<0.2	38	8	92	<1	35	21	<0.2	<5	9	<5	0.029	4.88	1333	<10	12
267	12400		pan	858	<5	<1	<0.2	30	6	91	<1	35	20	<0.2	<5	5	<5	0.019	5.83	1041	<10	80
268	12397		sed	<5			<0.2	33	7	80	<1	32	19	<0.2	<5	8	<5	0.017	4.67	1122	<10	13
268	12398		pan	<5	<5	<1	<0.2	26	12	102	<1	38	22	<0.2	<5	7	<5	0.014	6.44	1016	<10	85
269	12411		pan	20	<5	<1	<0.2	18	10	83	<1	33	21	<0.2	<5	14	<5	0.015	5.86	1115	<10	68
270	12263		sed	6			<0.2	37	9	70	<1	30	17	<0.2	<5	11	<5	0.015	4.20	1058	<10	20
270	12264		pan	6	<5	44	<0.2	35	8	90	1	38	20	<0.2	<5	11	<5	0.041	5.54	1416	<10	43
271	12265		pan	18	5	8	<0.2	44	7	96	2	39	20	<0.2	<5	10	<5	0.015	5.62	1553	<10	48
272	11275		sed	7			<0.2	30	7	55	<1	21	14	<0.2	<5	41	<5	0.020	3.15	724	<10	23
272	11276		pan	95.28 ppm	<70	<70	4.5	23	9	83	2	30	16	<0.2	<5	633	<5	1.160	5.51	1165	<10	67
272	11277		plac	0.0008 oz/cyd	<70	<70	<0.2	41	12	82	2	33	16	<0.2	<5	17	<5	0.440	4.53	1100	<10	52
272	11278		plac	0.07 ppm	<70	<70	<0.2	40	12	73	1	28	17	<0.2	<5	13	<5	0.063	5.20	1604	<10	33
272	11279		plac	0.006 oz/cyd	<70	<70	1.9	38	16	78	2	31	16	<0.2	<5	675	<5	0.630	5.48	1125	<10	57
273	12413		pan	<5	<5	<1	<0.2	17	8	68	1	32	16	<0.2	<5	7	<5	0.013	4.07	1862	<10	90
274	11348	otc	sel	93			<0.2	153	96	85	<1	59	34	0.4	<5	161	24	0.321	8.27	17637	<10	20
275	12276		pan	18	<5	2	<0.2	40	7	104	3	43	16	0.5	<5	14	<5	0 044	4.36	2062	<10	95
275	12277	otc	rand	11			<0.2	55	11	22	3	14	7	<0.2	<5	6	131	0.120	1.36	1033	<10	57
276	12278		pan	6	5	2	<0.2	61	19	68	4	48	22	0.2	<5	30	<5	0.062	4.13	2418	<10	78

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
253	10868		pan	111	37	<20	<20	9	2.34	1.47	0.55	0.02	0.19	22	5	4	41	3	<5	<10	<0.01	4		
253	10869		sed	22	26	<20	<20	14	1.56	1.11	0.51	<0.01	0.04	24	7	2	32	3	<5	<10	<0.01	1		
253	10870		pan	137	33	<20	<20	11	2.14	1.36	0.26	0.03	0.21	24	5	4	38	3	<5	<10	<0.01	3		
254	10871		sed	22	29	<20	<20	16	1.48	1.12	0.64	<0.01	0.04	32	7	3	29	2	<5	<10	0.02	1		
254	10872		pan	96	46	<20	<20	9	2.34	1.58	0.43	0.02	0.17	28	5	5	48	4	<5	<10	0.02	2		
254	10873		sed	21	26	<20	<20	15	1.56	1.02	0.61	<0.01	0.04	31	7	3	36	2	<5	<10	<0.01	2		
254	10874		pan	94	41	<20	<20	9	2.04	1.29	0.37	0.02	0.17	25	4	4	47	3	<5	<10	<0.01	4		
255	11176	otc	sel	80	30	<20	<20	19	3.20	1.47	0.13	0.03	0.23	9	12	5	64	<1	<5	<10	<0.01	<1		
256	11178	otc	sel	235	2	<20	<20	<1	0.07	0.61	2.14	<0.01	0.03	223	7	<2	1	<1	<5	<10	<0.01	<1		
257	11177	otc	sel	11	3	<20	<20	3	0.24	0.57	>10.00	<0.01	0.04	1747	18	<2	3	<1	<5	<10	<0.01	<1		
258	11179	otc	sel	47	6	<20	<20	4	0.26	0.43	>10.00	<0.01	0.02	990	5	<2	3	<1	<5	<10	<0.01	<1		
259	11344	flt	sel	190	1	<20	<20	1	0.04	0.74	2.57	<0.01	<0.01	112	4	<2	<1	<1	<5	<10	<0.01	1		
260	11345	flt	rand	349	2	<20	<20	<1	0.07	0.03	0.18	<0.01	0.01	7	1	<2	1	<1	<5	<10	<0.01	2		
261	11346	flt	rand	207	9	<20	<20	4	0.57	0.61	2.73	0.01	0.03	124	7	<2	10	<1	<5	<10	<0.01	2		
262	11347	flt	rand	196	2	<20	<20	1	0.06	0.54	2.35	<0.01	0.01	155	8	<2	<1	<1	<5	<10	<0.01	2		
263	12448	flt	sel	157	10	<20	<20	1	0.68	0.67	1.03	<0.01	0.03	61	4	<2	16	<1	<5	<10	<0.010	<1		
264	10653	otc	rand	78	66	<20	<20	14	2.14	2.59	2.89	0.02	0.18	131	8	<2	33	2	6	<10	0.05	2		
265	10654	flt	sel	212	5	<20	<20	3	0.25	0.52	1.90	0.01	0.04	67	5	<2	5	<1	<5	<10	<0.01	<1		
266	12441		sed	28	59	<20	<20	17	1.79	1.42	1.26	<0.01	0.04	53	6	<2	26	1	<5	<10	0.012	<1		
266	12442		pan	140	48	<20	<20	12	2.59	1.48	0.34	0.03	0.28	19	6	<2	44	2	<5	<10	0.019	<1		
267	12399		sed	28	41	<20	<20	14	1.90	1.44	1.17	<0.01	0.05	50	7	<2	35	1	<5	<10	0.010	<1		
267	12400		pan	246	58	<20	<20	14	2.67	1.43	0.45	0.06	0.42	27	7	<2	47	2	6	<10	0.031	<1		
268	12397		sed	36	38	<20	<20	17	1.80	1.12	0.85	<0.01	0.05	35	8	<2	27	<1	<5	<10	0.011	<1		
268	12398		pan	191	56	<20	<20	15	2.86	1.53	0.32	0.05	0.40	23	7	<2	50	2	5	<10	0.024	<1		
269	12411		pan	273	76	<20	<20	13	2.41	1.35	0.43	0.04	0.31	21	10	<2	51	4	7	<10	0.095	<1		
270	12263		sed	19	19	<20	<20	17	1.24	0.88	0.51	<0.01	0.05	37	7	4	26	<1	<5	<10	<0.010	2		
270	12264		pan	169	30	<20	<20	12	1.78	0.99	0.45	0.02	0.10	32	6	<2	38	<1	<5	<10	<0.010	2		
271	12265		pan	347	41	<20	<20	16	2.37	1.29	1.33	0.03	0.25	61	6	<2	35	1	<5	<10	0.014	<1		
272	11275		sed	19	31	<20	<20	10	1.18	0.88	0.55	<0.01	0.06	26	7	2	15	<1	<5	<10	0.02	<1		
272	11276		pan	294	80	<20	<20	9	2.43	1.47	0.82	0.09	0.30	35	10	5	27	<1	7	<10	0.11	<1		
272	11277		plac	187	42	<20	<20	5	1.33	0.94	1.53	0.02	0.13	41	6	<2	20	<1	<5	<10	0.06	<1		
272	11278		plac	108	47	<20	<20	10	1.68	1.48	2.99	0.03	0.16	133	11	3	22	<1	<5	<10	0.06	<1		
272	11279		plac	213	61	<20	<20	9	1.90	1.37	1.22	0.03	0.17	48	9	3	29	<1	<5	<10	0.08	<1		
273	12413		pan	386	45	<20	<20	11	1.78	0.79	0.45	0.06	0.29	27	6	<2	30	2	<5	<10	0.028	3		
274	11348	otc	sel	183	7	<20	<20	4	0.29	1.91	5.88	<0.01	0.06	305	13	<2	4	<1	<5	<10	<0.01	2		
275	12276		pan	223	38	<20	<20	11	1.71	1.06	3.62	0.03	0.18	119	8	<2	27	2	<5	<10	0.035	3		
275	12277	otc	rand	127	9	<20	<20	3	0.19	0.19	1.02	0.01	0.05	41	1	<2	2	<1	<5	<10	<0.010	<1		
276	12278		pan	390	31	<20	<20	10	1.13	0.67	1.09	0.02	0.16	55	7	<2	14	1	<5	<10	0.025	3		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
276	12279	67.50772	150.10534	Hammond R		sed		Wiseman C-1	SE 13	31N	12W	Fairbanks
277	10652	67.51185	150.11895	Slisco Bench	flt	sel	meta qz cobbles w/ lim	Wiseman C-1	NE 13	31N	12W	Fairbanks
278	11307	67.51428	150.12601	Vermont Ck	otc	sel	mica-qz schist w/<5% py	Wiseman C-1	NW 13	31N	12W	Fairbanks
279	11396	67.51583	150.13636	Vermont Ck	otc	sel	qz vein w/ carbonate, lim	Wiseman C-1	NW 13	31N	12W	Fairbanks
280	11397	67.51439	150.13693	Vermont Ck	otc	rand	qz vlets w/ fnd. hem(?), py	Wiseman C-1	NW 13	31N	12W	Fairbanks
281	10735	67.51417	150.13826	Vermont Ck		sed		Wiseman C-1	NW 13	31N	12W	Fairbanks
281	10736	67.51417	150.13826	Vermont Ck		pan		Wiseman C-1	NW 13	31N	12W	Fairbanks
281	12412	67.51564	150.14245	Vermont Ck	flt	sel	4-mm-wide vein qz w/ py	Wiseman C-1	NW 13	31N	12W	Fairbanks
282	10734	67.51500	150.13636	Right Fork, Vermont Ck	otc	rand	phyllite w/ py	Wiseman C-1	NW 13	31N	12W	Fairbanks
282	11175	67.51500	150.13636	Right Fork, Vermont Ck	otc	sel	micaceous schist w/ euhedral py	Wiseman C-1	NW 13	31N	12W	Fairbanks
283	10732	67.51583	150.13826	Right Fork		pan		Wiseman C-1	NW 13	31N	12W	Fairbanks
283	10733	67.51583	150.13826	Right Fork		sed		Wiseman C-1	NW 13	31N	12W	Fairbanks
284	12489	67.51156	150.14536	Right Fork	otc	sel	3 qz vlets up to 1 inch thick	Wiseman C-1	NW 13	31N	12W	Fairbanks
285	12488	67.51078	150.14821	Right Fork	otc	sel	4 qz vlets w/ tr po	Wiseman C-1	SE 14	31N	12W	Fairbanks
286	12501	67.51048	150.14053	Right Fork	otc	sel	5-mm-wide qz vlets w/ cpy, apy	Wiseman C-1	SW 13	31N	12W	Fairbanks
286	12502	67.51067	150.13927	Right Fork	otc	sel	2-13-mm-wide qz vlets w/ ank	Wiseman C-1	SW 13	31N	12W	Fairbanks
287	11283	67.50183	150.16078	Friday the 13th Pup	flt	sel	phyllite w/ 2% euhedral py	Wiseman C-1	SE 14	31N	12W	Fairbanks
287	12487	67.50922	150.14997	Friday the 13th Pup	otc	sel	7-mm-wide qz vlet w/ tr py	Wiseman C-1	SE 14	31N	12W	Fairbanks
288	10731	67.50874	150.14906	Friday the 13th Pup	flt	grab	phyllite w/ py	Wiseman C-1	SE 14	31N	12W	Fairbanks
289	10727	67.50757	150.14944	Friday the 13th Pup	otc	grab	qz vlets w/ py, po, lim	Wiseman C-1	SE 14	31N	12W	Fairbanks
289	10728	67.50757	150.14944	Friday the 13th Pup	otc	grab	qz vlet w/ py, po(?), apy(?)	Wiseman C-1	SE 14	31N	12W	Fairbanks
289	10729	67.50757	150.14944	Friday the 13th Pup	otc	sel	qz lense in phyllite w/ stb	Wiseman C-1	SE 14	31N	12W	Fairbanks
289	10730	67.50757	150.14944	Friday the 13th Pup	otc	grab	qz vlet	Wiseman C-1	SE 14	31N	12W	Fairbanks
290	11267	67.50877	150.14917	Friday the 13th Pup		sed		Wiseman C-1	SE 14	31N	12W	Fairbanks
290	11268	67.50877	150.14917	Friday the 13th Pup		pan	minor py and mag	Wiseman C-1	SE 14	31N	12W	Fairbanks
291	11284	67.50183	150.16078	Friday the 13th Pup	otc	ran	qz vlet	Wiseman C-1	SE 14	31N	12W	Fairbanks
291	12486	67.50895	150.15109	Friday the 13th Pup	otc	sel	0.75-inch-wide qz vlet w/ py	Wiseman C-1	SE 14	31N	12W	Fairbanks
292	11264	67.50745	150.16076	Right Fork	otc	ran	qz vlet	Wiseman C-1	SE 14	31N	12W	Fairbanks
292	11265	67.50745	150.16076	Right Fork	otc	ran	qz vlet w/ 5% py	Wiseman C-1	SE 14	31N	12W	Fairbanks
292	11266	67.50745	150.16076	Right Fork	otc	ran	qz vlet w/ 1% py, vis Au	Wiseman C-1	SE 14	31N	12W	Fairbanks
293	11263	67.50745	150.16076	Right Fork	otc	sel	qz vlet w/ minor hem and py	Wiseman C-1	SE 14	31N	12W	Fairbanks
294	11160	67.50903	150.19186	Nolan Ck	otc	ran	meta qz	Wiseman C-1	SE 15	31N	12W	Fairbanks
295	11159	67.50597	150.19318	Nolan Ck	otc	ran	folded meta qz	Wiseman C-1	SE 15	31N	12W	Fairbanks
296	11087	67.49938	150.19497	Nolan Ck		sed		Wiseman C-1	SE 15	31N	12W	Fairbanks
296	11088	67.49938	150.19497	Nolan Ck		pan		Wiseman C-1	SE 15	31N	12W	Fairbanks
297	11089	67.49938	150.19497	Vermont Pass		sed		Wiseman C-1	NE 22	31N	12W	Fairbanks
297	11206	67.49938	150.19497	Vermont Pass		pan		Wiseman C-1	NE 22	31N	12W	Fairbanks
298	11123	67.50223	150.19996	Montana Gulch		sed		Wiseman C-1	NE 22	31N	12W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
276	12379		sed	6			<0.2	51	9	73	<1	43	29	<0.2	<5	21	<5	0.059	3.93	1995	<10	46
277	10652	flt	sel	<5			0.5	4	7	8	3	9	1	<0.2	<5	6	27	0.026	0.76	332	<10	8
278	11307	otc	sel	<5			<0.2	81	11	11	4	18	10	<0.2	<5	31	<5	0.036	1.04	554	<10	51
279	11396	otc	sel	17			<0.2	4	3	27	3	34	10	0.5	<5	103	11	0.045	4.26	3064	<10	13
280	11397	otc	rand	78			0.2	10	13	41	3	19	5	0.2	<5	55	9	0.066	3.13	1901	<10	11
281	10735		sed	<5			0.2	35	12	66	2	28	16	<0.2	<5	10	<5	0.029	3.56	1731	<10	11
281	10736		pan	398			<0.2	56	11	79	<1	31	16	<0.2	<5	23	<5	0.063	5	1545	<10	27
281	12412	flt	sel	9			<0.2	66	15	63	2	31	12	0.2	<5	50	100	0.054	3.63	869	<10	65
282	10734	otc	rand	29			<0.2	77	8	84	2	42	22	<0.2	<5	51	14	0.069	5.83	1835	<10	46
282	11175	otc	sel	73			<0.2	87	5	86	2	30	18	1.6	<5	799	8	0.018	5.85	2286	<10	51
283	10732		pan	5993			0.3	81	23	84	2	37	30	<0.2	<5	369	11	0.283	5.85	4667	<10	120
283	10733		sed	14			<0.2	36	13	66	1	32	17	<0.2	<5	54	<5	0.085	2.82	2234	<10	23
284	12489	otc	sel	110			<0.2	49	35	50	5	14	9	0.6	<5	280	15	0.091	3.31	2149	<10	60
285	12488	otc	sel	<5			<0.2	12	3	12	1	12	8	<0.2	<5	13	<5	0.211	1.16	1452	<10	38
286	12501	otc	sel	726			0.6	1137	203	846	<1	14	4	3.6	7	1065	98	3.079	1.42	472	<10	30
286	12502	otc	sel	18			<0.2	15	10	20	1	14	5	0.3	<5	89	8	0.058	0.82	208	<10	16
287	11283	flt	sel	13			<0.2	28	4	74	<1	30	13	<0.2	<5	70	7	0.064	3.99	821	<10	39
287	12487	otc	sel	815			0.4	47	53	72	2	24	10	<0.2	<5	39	12	0.123	3.02	776	<10	49
288	10731	flt	grab	38			0.5	33	18	63	<1	25	9	<0.2	<5	149	20	0.111	3.52	1173	<10	36
289	10727	otc	grab	**1790**			0.2	22	29	32	2	19	7	0.3	<5	412	748	0.057	2.08	959	<10	34
289	10728	otc	grab	521			<0.2	11	22	77	4	23	8	0.3	<5	368	46	0.075	1.27	2017	<10	5
289	10729	otc	sel	6			1.3	<1	1657	269	<1	6	3	0.9	<5	15	61	0.339	4.82	>20000	<10	8
289	10730	otc	grab	63.56 ppm			3.9	6	114	23	6	25	5	<0.2	<5	183	62	1.359	0.73	401	<10	15
290	11267		sed	<5			<0.2	25	9	52	<1	24	13	<0.2	<5	24	<5	0.054	2.68	1777	<10	22
290	11268		pan	1750	9	7	<0.2	63	20	68	4	59	29	0.5	<5	109	<5	0.173	5.67	5504	<10	145
291	11284	otc	ran	**26.07 ppm**			<0.2	7	154	31	<1	17	4	0.3	<5	126	80	0.128	0.69	208	<10	10
291	12486	otc	sel	13.06 ppm			0.3	6	241	37	6	23	13	0.4	7	136	76	0.091	0.84	1186	<10	10
292	11264	otc	ran	2948			0.9	56	34	29	<1	15	5	0.3	<5	181	20	0.100	1.29	535	<10	28
292	11265	otc	ran	415			<0.2	12	112	14	<1	9	4	9.1	<5	3802	33	0.023	1.42	799	<10	22
292	11266	otc	ran	**17.82 ppm**			4.4	16	24	32	<1	21	5	0.6	<5	289	7	0.795	1.40	818	<10	14
293	11263	otc	sel	9			<0.2	59	23	52	<1	23	16	<0.2	<5	54	10	0.032	3.16	3533	<10	44
294	11160	otc	ran	<5			0.3	11	19	21	2	19	6	<0.2	<5	<5	<5	<0.010	1.34	439	<10	29
295	11159	otc	ran	<5			<0.2	13	34	10	4	19	4	<0.2	<5	<5	<5	0.018	0.69	714	<10	14
296	11087		sed	3			<0.2	29	3	59	<1	25	16	<0.2	<5	8	<5	0.026	3.66	1098	<10	14
296	11088		pan	14.99 ppm	<5	2	0.8	39	15	112	2	29	17	<0.2	<5	33	<5	0.350	5.05	2843	<10	169
297	11089		sed	6			<0.2	30	5	67	1	28	18	<0.2	<5	10	<5	0.046	4.00	2085	<10	27
297	11206		pan	47	6	2	<0.2	72	9	170	4	48	23	<0.2	<5	15	<5	0.036	4.38	6650	<10	150
298	11123		sed	2			<0.2	39	6	67	1	31	19	<0.2	<5	17	<5	0.034	3.96	1945	<10	20

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
276	12279		sed	22	25	<20	<20	17	1.36	0.93	0.85	<0.01	0.06	46	7	4	17	1	<5	<10	0.012	2		
277	10652	flt	sel	137	2	<20	<20	2	0.14	0.34	7.27	<0.01	0.02	210	3	<2	2	<1	<5	<10	<0.01	<1		
278	11307	otc	sel	127	9	<20	<20	7	0.27	0.08	0.13	0.02	0.16	11	1	<2	2	<1	<5	<10	<0.01	3		
279	11396	otc	sel	160	9	<20	<20	<1	0.49	2.44	6.00	0.01	0.10	640	13	<2	10	<1	6	<10	<0.01	<1		
280	11397	otc	rand	174	8	<20	<20	2	0.56	1.53	4.29	<0.01	0.06	338	9	<2	11	<1	<5	<10	<0.01	<1		
281	10735		sed	17	22	<20	<20	19	1.19	1.15	0.72	<0.01	0.03	43	7	<2	20	<1	<5	<10	0.02	1		
281	10736		pan	74	34	<20	<20	17	1.96	1.7	0.7	0.01	0.12	40	5	<2	28	<1	<5	<10	0.03	2		
281	12412	flt	sel	59	9	<20	<20	7	0.75	1.50	4.21	0.02	0.24	189	5	<2	9	<1	<5	<10	<0.010	<1		
282	10734	otc	rand	65	46	<20	<20	11	3.02	2.25	0.96	0.02	0.25	60	5	4	36	2	<5	<10	<0.01	2		
282	11175	otc	sel	65	36	<20	<20	15	2.33	1.75	1.46	0.02	0.28	93	10	3	27	<1	<5	<10	<0.01	<1		
283	10732		pan	91	24	<20	<20	15	0.83	0.82	0.89	0.02	0.13	84	6	<2	12	<1	<5	<10	<0.01	3		
283	10733		sed	10	13	<20	<20	14	0.63	0.55	0.55	<0.01	0.03	37	5	<2	11	<1	<5	<10	<0.01	1		
284	12449	otc	sel	137	16	<20	<20	7	0.64	1.40	2.91	0.02	0.14	210	4	<2	9	<1	<5	<10	<0.010	<1		
285	12488	otc	sel	206	4	<20	<20	1	0.12	0.42	0.15	<0.01	0.03	10	<1	<2	5	<1	<5	<10	<0.010	<1		
286	13501	otc	sel	179	4	<20	<20	5	0.28	0.45	1.72	0.02	0.13	113	5	<2	2	<1	<5	<10	<0.010	2		
286	12502	otc	sel	193	3	<20	<20	4	0.18	0.25	1.60	0.01	0.08	84	3	<2	2	<1	<5	<10	<0.010	1		
287	11283	flt	sel	35	12	<20	<20	10	1.00	1.55	3.96	0.02	0.27	133	5	<2	18	<1	<5	<10	<0.01	<1		
287	12487	otc	sel	114	9	<20	<20	12	0.77	1.11	5.75	0.02	0.28	275	9	<2	12	<1	<5	<10	<0.010	<1		
288	10731	flt	grab	40	8	<20	<20	11	0.58	1.44	5.28	0.02	0.27	211	8	<2	6	<1	<5	<10	<0.01	2		
289	10727	otc	grab	161	5	<20	<20	10	0.31	0.86	2.99	0.02	0.21	85	5	<2	2	<1	<5	<10	<0.01	2		
289	10728	otc	grab	202	2	<20	<20	<1	0.05	0.55	1.25	<0.01	0.02	68	2	<2	<1	<1	<5	<10	<0.01	3		
289	10729	otc	sel	77	<1	<20	<20	5	0.07	2.68	9.92	0.01	0.04	509	10	<2	1	2	<5	<10	<0.01	<1		
289	10730	otc	grab	252	1	<20	<20	2	0.07	0.13	0.28	0.01	0.04	41	2	<2	<1	<1	<5	<10	<0.01	1		
290	11267		sed	13	16	<20	<20	14	0.84	0.53	0.32	<0.01	0.04	21	6	<2	12	<1	<5	<10	<0.01	<1		
290	11268		pan	424	41	<20	<20	12	1.80	0.79	0.60	0.08	0.42	59	8	3	19	<1	<5	<10	0.02	<1		
291	11284	otc	ran	211	2	<20	<20	1	0.06	0.07	0.31	0.01	0.03	26	2	<2	<1	<1	<5	<10	<0.01	<1		
291	12486	otc	sel	151	5	<20	<20	3	0.07	0.13	2.69	0.01	0.04	108	4	<2	2	<1	<5	<10	<0.010	<1		
292	11264	otc	ran	161	3	<20	<20	2	0.19	0.61	1.99	0.02	0.11	61	3	<2	1	<1	<5	<10	<0.01	<1		
292	11265	otc	ran	127	1	<20	<20	<1	0.06	0.39	1.26	0.01	0.03	36	2	<2	<1	<1	<5	<10	<0.01	<1		
292	11266	otc	ran	149	2	<20	<20	1	0.14	0.42	1.73	0.01	0.07	63	3	<2	1	<1	<5	<10	<0.01	<1		
293	11263	otc	sel	107	13	<20	<20	10	1.01	1.11	1.39	0.03	0.18	193	5	<2	16	<1	<5	<10	<0.01	<1		
294	11160	otc	ran	207	12	<20	<20	<1	0.58	0.32	3.37	0.02	0.16	158	3	<2	7	<1	<5	<10	0.05	<1		
295	11159	otc	ran	310	4	<20	<20	1	0.20	0.16	0.22	0.01	0.04	8	<1	<2	2	<1	<5	<10	<0.01	<1		
296	11087		sed	20	28	<20	<20	13	1.33	0.93	0.39	<0.01	0.06	23	8	<2	22	<1	<5	<10	0.01	<1		
296	11088		pan	258	74	<20	<20	11	2.51	1.35	0.77	0.12	0.37	39	17	3	27	<1	10	<10	0.22	<1		
297	11089		sed	26	40	<20	<20	11	1.47	1.11	0.56	<0.01	0.07	36	8	<2	17	1	<5	<10	0.01	<1		
297	11206		pan	424	35	<20	<20	14	2.13	0.89	0.29	0.11	0.40	32	16	3	15	<1	8	<10	0.04	<1		
298	11123		sed	21	29	<20	<20	10	1.41	1.02	0.40	<0.01	0.06	26	6	<2	22	<1	<5	<10	<0.01	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
298	11124	67.50223	150.19996	Montana Gulch		pan	med py and py, minor mag	Wiseman C-1	NE 22	31N	12W	Fairbanks
299	11392	67.50583	150.23580	Montana Mtn	flt	sel	vein qz w/ sid, hem	Wiseman C-1	SE 16	31N	12W	Fairbanks
300	11378	67.49167	150.26212	Acme Ck	otc	sel	meta qz	Wiseman B-1	SW 21	31N	12W	Fairbanks
301	11090	67.48233	150.22994	Acme Ck		sed		Wiseman B-1	NE 28	31N	12W	Fairbanks
301	11091	67.48233	150.22994	Acme Ck		pan	fl mag, no vis Au	Wiseman B-1	NE 28	31N	12W	Fairbanks
302	8035	67.47714	150.23024	Nolan Ck		slu		Wiseman B-1	SE 28	31N	12W	Fairbanks
302	10674	67.47714	150.23024	Nolan Ck		slu	py cubes from concentrate	Wiseman B-1	NE 33	31N	12W	Fairbanks
302	10675	67.47714	150.23024	Nolan Ck		slu	py concretions from concentrate	Wiseman B-1	NE 33	31N	12W	Fairbanks
302	10676	67.47714	150.23024	Thompson Pup		slu	apy xls from concentrate	Wiseman B-1	NE 33	31N	12W	Fairbanks
303	11730	67.47445	150.24805	Nutmeg Gulch		sed		Wiseman B-1	NW 33	31N	12W	Fairbanks
303	11731	67.47445	150.24805	Nutmeg Gulch		pan	no mag, no vis Au	Wiseman B-1	NW 33	31N	12W	Fairbanks
304	12456	67.46825	150.23785	Workman Bench		soil		Wiseman B-1	NW 33	31N	12W	Fairbanks
305	12457	67.47146	150.23158	Workman Bench	otc	sel	6 mm-wide qz vlet	Wiseman B-1	NE 33	31N	12W	Fairbanks
305	12509	67.47177	150.22745	Workman Bench	otc	sel	0.5-inch-wide qz vlet w/ ank	Wiseman B-1	NE 33	31N	12W	Fairbanks
305	12510	67.47177	150.22745	Workman Bench		slu	2 coarse, 2 fine, subangular Au	Wiseman B-1	NW 33	31N	12W	Fairbanks
306	10747	67.47211	150.22793	Smith Ck	trn	sel	stb vein in schist	Wiseman B-1	NW 33	31N	12W	Fairbanks
306	11372	67.47211	150.22793	Smith Ck	otc	sel	qz vein w/ stb	Wiseman B-1	NE 33	31N	12W	Fairbanks
306	11766	67.47213	150.22765	Smith Ck	otc	rand	stb-qz vein w/ <50% stb	Wiseman B-1	NE 33	31N	12W	Fairbanks
306	11913	67.47665	150.23079	Workman Bench	flt	sel	vein qz-stb w/ kermesite	Wiseman B-1	NE 33	31N	12W	Fairbanks
307	11690	67.47310	150.22732	Smith Ck		sed		Wiseman B-1	NE 33	31N	12W	Fairbanks
307	11691	67.47310	150.22732	Smith Ck		pan	abu mag, coarse py	Wiseman B-1	NE 33	31N	12W	Fairbanks
307	11692	67.47310	150.22732	Smith Ck		pan	6 v fine Au, abu mag, minor py	Wiseman B-1	NE 33	31N	12W	Fairbanks
308	10748	67.47410	150.22202	Smith Ck	drum	sel	massive stb w/ yellow stb mineral	Wiseman B-1	NW 34	31N	12W	Fairbanks
308	11701	67.47471	150.22708	Nolan Ck	rub	sel	gray-blk phyllite w/ <10% py	Wiseman B-1	NE 33	31N	12W	Fairbanks
308	11702	67.47471	150.22708	Nolan Ck	otc	sel	0.5-ft-wide qz-carb vein w/ stb	Wiseman B-1	NE 33	31N	12W	Fairbanks
308	11703	67.47471	150.22708	Nolan Ck	otc	sel	0.75-in-wide qz-carb vein w/ tr stb	Wiseman B-1	NE 33	31N	12W	Fairbanks
309	10749	67.47410	150.22202	Smith Ck	otc	rep	qz-musc schist w/ tr py, lim	Wiseman B-1	NW 34	31N	12W	Fairbanks
310	11780	67.47477	150.22413	Mary Soil Survey		soil		Wiseman B-1	NE 33	31N	12W	Fairbanks
310	11781	67.47487	150.22343	Mary Soil Survey		soil		Wiseman B-1	NE 33	31N	12W	Fairbanks
310	11782	67.47497	150.22278	Mary Soil Survey		soil		Wiseman B-1	NE 33	31N	12W	Fairbanks
310	11783	67.47507	150.22212	Mary Soil Survey		soil		Wiseman B-1	NE 33	31N	12W	Fairbanks
310	11784	67.47517	150.22147	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11785	67.47527	150.22081	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11786	67.47537	150.22016	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11787	67.47547	150.21950	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11788	67.47557	150.21885	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11789	67.47567	150.21819	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11790	67.47577	150.21754	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
298	11124		pan	10	<5	3	<0.2	94	9	121	3	46	33	<0.2	<5	42	<5	0.038	5.51	5896	<10	110
299	11392	flt	sel	<5			<0.2	4	10	32	2	5	4	<0.2	<5	<5	<5	<0.010	7.27	5641	<10	<1
300	11378	otc	sel	6			0.3	25	85	17	2	12	3	<0.2	<5	<5	62	0.012	0.59	171	<10	17
301	11090		sed	4			<0.2	30	10	57	1	26	15	<0.2	<5	7	<5	0.035	3.66	994	<10	11
301	11091		pan	25	<5	3	<0.2	47	<2	139	3	33	16	<0.2	<5	9	<5	0.046	5.22	1664	<10	134
302	8035		slu				31			<390	38	390	130	<50		100	196.0		>10.0		<200	520
302	10674		slu	20			0.2	38	59	5	4	102	425	<0.2	<5	99	19	0.073	>10.00	45	<10	<1
302	10675		slu	79			5.0	137	136	23	47	144	33	0.7	<5	294	91	0.010	>10.00	59	<10	<1
302	10676		slu	1964			99.9	35	>10000	4	6	248	122	275.3	328	>10000	830	<0.010	>10.00	168	101	31
303	11730		sed	<5			<0.2	24	7	57	1	23	16	<0.2	<5	11	<5	0.036	3.10	1418	<10	13
303	11731		pan	60	<5	2	<0.2	79	8	81	3	41	18	0.2	<5	19	6	0.029	4.62	1703	<10	67
304	12456		soil	43			<0.2	25	8	72	<1	36	21	0.4	<5	42	16	0.052	3.50	2364	<10	37
305	12457	otc	sel	450			<0.2	38	11	60	2	11	7	2.7	<5	1011	87	0.101	6.72	3874	<10	29
305	12509	otc	sel	1256			<0.2	16	<2	73	5	14	7	6.9	<5	2613	96	0.182	1.93	2077	<10	31
305	12510		slu		<5	7	0.6	143	2924	131	5	109	151	11.6	7	3828	326	0.303	>10.00	1817	11	8
306	10747	trn	sel	12.20 ppm			<0.2	22	<2	33	<1	<1	2	1.8	<5	295	15.83%	1.049	1.17	1077	<10	24
306	11378	otc	sel	1804			<0.2	16	<2	34	<1	<1	3	5.2	<5	1365	2000	0.334	1.30	1088	<10	18
306	11766	otc	rand	1985			0.6	340	174	340	<1	<1	5	4.4	<5	95	48.88%	0.275	0.70	515	<10	4
306	11913	flt	sel	1073			0.4	17	<2	7	<1	<1	3	3.5	<5	220	39.26%	4.434	0.18	31	16	5
307	11690		sed	15			<0.2	26	6	52	<1	24	15	0.3	<5	73	66	0.032	2.75	1320	<10	16
307	11691		pan	112	<5	2	<0.2	79	126	68	3	59	30	0.5	<5	119	>2000	0.110	>10.00	2486	<10	58
307	11692		pan	2812	<5	3	0.3	70	54	83	2	51	27	0.4	<5	101	>2000	0.133	8.72	2775	<10	58
308	10748	drum	sel	527			0.6	13	<2	3	<1	<1	<1	4.7	<5	15	66.41%	0.465	0.08	30	<10	4
308	11701	rub	sel	20			0.5	355	12	69	5	33	17	0.3	<5	68	59	0.103	4.46	957	<10	22
308	11702	otc	sel	3256			0.2	84	9	41	2	17	10	23.3	<5	2.41%	0.65%	0.135	3.68	1042	<10	27
308	11703	otc	sel	2091			<0.2	73	3	48	2	14	6	18.5	<5	9124	304	0.116	3.37	1558	<10	20
309	10749	otc	rep	8			<0.2	64	15	75	3	35	20	<0.2	<5	40	30	0.127	4.12	2252	<10	30
310	11780		soil	<5			<0.2	46	14	82	<1	48	21	2.9	<5	15	<5	0.049	5.33	2153	<10	23
310	11781		soil	<5			<0.2	45	12	65	<1	35	20	<1	<5	15	<5	0.037	5.43	1721	<10	33
310	11782		soil	<5			<0.2	42	11	72	<1	33	17	1.4	<5	29	13	0.038	4.51	1365	<10	85
310	11783		soil	<5			<0.2	43	12	74	<1	35	18	4	<5	32	14	0.045	4.32	1112	<10	122
310	11784		soil	<5			<0.2	42	13	75	1	34	18	1.7	<5	29	13	0.050	4.48	1185	<10	114
310	11785		soil	<5			<0.2	34	13	71	<1	28	18	0.4	<5	39	14	0.054	4.78	1081	<10	137
310	11786		soil	<5			<0.2	45	13	81	<1	37	20	0.7	<5	41	19	0.042	4.71	1833	<10	124
310	11787		soil	<5			<0.2	34	13	69	<1	29	18	0.5	<5	33	17	0.049	4.32	1089	<10	125
310	11788		soil	<5			<0.2	41	13	78	<1	42	19	2	<5	37	19	0.046	4.42	1523	<10	113
310	11789		soil	<5			<0.2	39	12	76	<1	32	17	1.9	<5	35	23	0.053	4.32	1259	<10	115
310	11790		soil	<5			<0.2	39	12	70	<1	36	18	0.9	<5	37	20	0.068	4.22	1401	<10	103

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
298	11124		pan	255	55	<20	<20	14	2.57	1.33	0.37	0.08	0.49	36	13	3	24	<1	8	<10	0.05	<1		
299	11392	flt	sel	61	1	<20	<20	1	0.03	3.29	9.44	<0.01	0.01	616	35	<2	1	<1	8	<10	<0.01	<1		
300	11378	otc	sel	280	1	<20	<20	<1	0.09	0.04	0.07	<0.01	0.02	<2	<1	<2	<1	<1	<5	<10	<0.01	<1		
301	11090		sed	23	30	<20	<20	16	1.43	1.17	0.82	<0.01	0.04	40	8	<2	19	<1	<5	<10	0.02	<1		
301	11091		pan	247	77	<20	<20	12	3.33	1.68	0.86	<0.16	0.67	54	12	5	30	<1	10	<10	0.15	<1		
302	8035		slu	760		<2000	445	11				<0.12							3.3	<1		<1500	<4.7	<3.8
302	10674		slu	111	2	<20	<20	5	0.17	0.02	0.06	<0.01	0.07	5	2	<2	<1	<1	<5	<10	<0.01	4		
302	10675		slu	74	<1	<20	<20	<1	0.04	0.03	0.09	<0.01	0.02	3	<1	<2	<1	<1	<5	<10	<0.01	2		
302	10676		slu	103	<1	<20	<20	7	0.06	<0.01	0.06	<0.01	0.03	30	2	<2	<1	<1	<5	<10	<0.01	3		
303	11730		sed	12	15	<20	<20	13	1.15	0.95	1.33	<0.01	0.05	64	5	<2	13	<1	<5	<10	0.01	<1		
303	11731		pan	317	31	<20	<20	12	1.76	1.17	0.81	0.06	0.32	54	5	6	17	<1	<5	<10	0.03	3		
304	12456		soil	12	17	<20	<20	7	0.73	1.04	0.73	0.01	0.05	44	5	<2	9	<1	<5	<10	<0.010	<1		
305	12457	otc	sel	47	13	<20	<20	3	0.42	4.32	9.18	0.03	0.18	780	8	<2	2	<1	<5	<10	<0.010	<1		
305	12509	otc	sel	137	7	<20	<20	4	0.30	1.01	2.53	0.01	0.15	223	4	<2	2	<1	<5	<10	<0.010	<1		
305	12510		slu	58	76	<20	<20	4	0.73	0.81	1.05	0.02	0.08	41	4	<2	7	2	<5	<10	0.014	<1		
306	10747	trn	sel	97	<1	<20	<20	2	0.17	0.49	0.93	<0.01	0.08	57	3	<2	<1	<1	<5	<10	<0.01	<1		
306	11374	otc	sel	138	3	<20	<20	1	0.13	0.53	1.42	<0.01	0.06	123	2	<2	<1	<1	<5	<10	<0.01	<1		
306	11766	otc	rand	58	1	<20	36	<1	0.04	0.29	0.80	<0.01	0.01	61	<1	<2	<1	<1	<5	<10	<0.01	<1		
306	11913	flt	sel	72	<1	<20	30	<1	0.05	<0.01	0.02	<0.01	0.02	2	<1	<2	<1	<1	<5	<10	<0.01	<1		
307	11690		sed	9	11	<20	<20	11	0.42	0.47	0.40	<0.01	0.03	23	4	<2	5	<1	<5	<10	<0.01	<1		
307	11691		pan	263	78	<20	<20	7	1.04	0.65	0.57	0.04	0.23	35	7	7	10	4	<5	<10	0.01	2		
307	11692		pan	307	53	<20	<20	8	1.13	0.62	0.44	0.04	0.25	35	7	6	11	2	<5	<10	0.01	3		
308	10748	drum	sel	20	<1	40	56	<1	0.02	0.02	0.15	<0.01	<0.01	18	<1	<2	<1	<1	<5	<10	<0.01	<1		
308	11701	rub	sel	109	12	<20	<20	3	0.31	0.50	0.57	0.02	0.13	32	4	<2	3	<1	<5	<10	<0.01	6		
308	11702	otc	sel	106	7	<20	<20	1	0.21	1.39	2.72	0.02	0.13	343	3	<2	1	<1	<5	<10	<0.01	1		
308	11703	otc	sel	106	7	<20	<20	1	0.20	1.96	3.97	0.01	0.10	526	4	<2	1	<1	<5	<10	<0.01	<1		
309	10749	otc	rep	107	16	<20	<20	7	0.96	1.07	1.10	0.02	0.19	55	5	<2	12	<1	<5	<10	<0.01	7		
310	11780		soil	24	31	<20	<20	12	1.66	1.20	1.11	<0.01	0.07	45	8	4	27	2	<5	<10	0.03	2		
310	11781		soil	26	35	<20	<20	15	1.86	1.37	1.22	<0.01	0.08	49	8	4	29	2	<5	<10	0.03	3		
310	11782		soil	22	32	<20	<20	15	1.51	0.96	2.60	0.01	0.08	66	8	4	20	2	<5	<10	0.02	<1		
310	11783		soil	25	34	<20	<20	18	1.59	0.46	0.34	<0.01	0.06	30	9	4	20	2	<5	<10	0.01	2		
310	11784		soil	26	35	<20	<20	16	1.64	0.86	0.60	<0.01	0.07	30	8	4	21	3	<5	<10	0.01	2		
310	11785		soil	27	38	<20	<20	18	1.76	0.82	0.35	<0.01	0.07	24	8	5	21	3	<5	<10	<0.01	1		
310	11786		soil	26	35	<20	<20	18	1.63	0.86	0.42	<0.01	0.07	27	9	4	20	2	<5	<10	0.01	2		
310	11787		soil	25	34	<20	<20	17	1.59	0.78	0.36	<0.01	0.06	23	8	4	19	2	<5	<10	0.01	1		
310	11788		soil	24	33	<20	<20	18	1.49	0.81	0.58	<0.01	0.06	29	8	4	18	2	<5	<10	0.01	1		
310	11789		soil	25	35	<20	<20	18	1.62	0.83	0.39	<0.01	0.06	25	8	4	20	2	<5	<10	0.01	1		
310	11790		soil	23	30	<20	<20	16	1.42	0.74	0.36	<0.01	0.06	25	8	3	17	2	<5	<10	0.01	1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
310	11791	67.47587	150.21688	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11792	67.47597	150.21623	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11793	67.47607	150.21557	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11794	67.47617	150.21492	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11795	67.47627	150.21426	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11796	67.47637	150.21361	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11797	67.47647	150.21295	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11798	67.47657	150.21230	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11799	67.47667	150.21164	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11800	67.47677	150.21099	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	11801	67.47678	150.21103	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12351	67.47612	150.21524	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12352	67.47622	150.21459	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12353	67.47632	150.21393	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12354	67.47642	150.21328	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12355	67.47652	150.21262	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12356	67.47662	150.21197	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12357	67.47672	150.21131	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12358	67.47678	150.21101	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12359	67.47684	150.21092	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12360	67.47690	150.21083	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12361	67.47696	150.21074	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12362	67.47701	150.21066	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12363	67.47727	150.20971	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12364	67.47753	150.20876	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12365	67.47779	150.20781	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12366	67.47805	150.20686	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12367	67.47831	150.20591	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12368	67.47857	150.20496	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12369	67.47883	150.20401	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
310	12370	67.47907	150.20309	Mary Soil Survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
311	11704	67.47450	150.22070	Smith Ck lode	otc	sel	3.5-in-wide qz vein w/ <50% stb	Wiseman B-1	NE 33	31N	12W	Fairbanks
311	11705	67.47389	150.22148	Smith Ck lode	flt	sel	6-in-wide stb	Wiseman B-1	NE 33	31N	12W	Fairbanks
312	10725	67.47500	150.21944	Smith Ck	pit	sel	1.5-in-wide stb vein w/ val	Wiseman B-1	NE 33	31N	12W	Fairbanks
312	10726	67.47500	150.21944	Smith Ck	otc	sel	qz-carb vein w/ ank margins	Wiseman B-1	NE 33	31N	12W	Fairbanks
312	11402	67.47500	150.21944	Smith Ck	otc	sel	qz-carb vein w/ stb	Wiseman B-1	NE 33	31N	12W	Fairbanks
312	11403	67.47500	150.21944	Smith Ck	otc	rand	qz-carb vlets w/ stb	Wiseman B-1	NE 33	31N	12W	Fairbanks
312	11404	67.47500	150.21944	Smith Ck	otc	sel	qz-carb vein w/ stb	Wiseman B-1	NE 33	31N	12W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
310	11791		soil	7			<0.2	38	13	64	<1	32	17	1.5	<5	33	20	0.077	4.19	1443	<10	126
310	11792		soil	12			0.3	87	12	58	3	40	12	2.7	<5	37	25	0.463	3.46	718	<10	63
310	11793		soil	<5			<0.2	43	13	70	<1	35	17	2.0	<5	39	28	0.088	4.37	1156	<10	133
310	11794		soil	6			<0.2	37	10	64	<1	27	14	0.4	<5	39	34	0.096	3.61	1174	<10	83
310	11795		soil	5			<0.2	39	11	61	<1	28	14	1.1	<5	50	48	0.104	3.80	1169	<10	76
310	11796		soil	7			<0.2	41	12	64	<1	30	15	0.4	<5	44	45	0.106	3.83	1196	<10	78
310	11797		soil	7			<0.2	33	10	60	<1	25	12	0.2	<5	41	36	0.106	3.51	1061	<10	57
310	11798		soil	10			<0.2	32	15	60	<1	21	15	0.4	<5	69	74	0.129	3.98	1149	<10	74
310	11799		soil	13			<0.2	41	16	66	<1	26	17	0.3	<5	120	123	0.172	4.56	1365	<10	89
310	11800		soil	16			<0.2	33	16	58	<1	20	17	0.4	<5	150	161	0.171	4.97	1984	<10	93
310	11801		soil	18			<0.2	45	17	61	1	33	16	0.8	<5	212	175	0.164	4.85	1904	<10	87
310	12351		soil	52			<0.2	36	9	69	<1	32	15	0.4	<5	33	21	0.087	3.17	1658	<10	108
310	12352		soil	39			<0.2	30	9	67	1	31	16	0.3	<5	39	28	0.102	2.89	2631	<10	99
310	12353		soil	35			<0.2	29	7	71	<1	25	11	0.3	<5	34	28	0.086	2.83	980	<10	61
310	12354		soil	29			<0.2	31	8	66	1	26	11	0.2	<5	42	35	0.102	2.95	744	<10	70
310	12355		soil	40			<0.2	34	9	62	1	26	12	0.4	<5	54	54	0.118	2.77	848	<10	63
310	12356		soil	49			<0.2	35	7	64	<1	43	14	0.3	<5	39	33	0.081	3.53	983	<10	34
310	12357		soil	74			0.3	33	18	63	2	28	12	0.3	<5	68	58	0.175	3.22	688	<10	58
310	12358		soil	125			<0.2	30	13	60	2	23	10	0.4	<5	75	74	0.160	2.28	1466	<10	36
310	12359		soil	34			<0.2	17	12	51	<1	18	13	0.5	<5	155	110	0.125	3.28	2189	<10	53
310	12360		soil	46			<0.2	15	9	47	<1	15	10	0.3	<5	93	74	0.124	2.18	2360	<10	57
310	12361		soil	32			<0.2	28	11	68	1	32	26	0.6	<5	164	107	0.140	3.51	3953	<10	72
310	12362		soil	51			<0.2	24	9	66	1	24	14	0.4	<5	136	110	0.106	2.92	3151	<10	43
310	12363		soil	39			<0.2	37	12	67	<1	33	24	0.4	<5	125	122	0.133	3.43	4380	<10	58
310	12364		soil	33			<0.2	35	13	67	<1	16	11	0.4	<5	125	146	0.101	3.20	1126	<10	34
310	12365		soil	116			<0.2	41	7	51	<1	22	5	0.2	<5	28	42	0.079	1.05	2980	<10	17
310	12366		soil	73			<0.2	34	13	64	1	31	31	0.4	<5	117	113	0.073	3.61	5922	<10	30
310	12367		soil	74			<0.2	36	8	102	<1	37	19	0.4	<5	88	111	0.136	3.53	3459	<10	65
310	12368		soil	87			<0.2	20	9	62	<1	22	16	0.3	<5	67	110	0.081	3.91	2337	<10	40
310	12369		soil	59			<0.2	25	10	82	<1	27	21	0.3	<5	92	45	0.079	4.21	2116	<10	60
310	12370		soil	88			<0.2	22	10	78	<1	20	19	0.3	<5	78	34	0.055	4.08	1780	<10	58
311	11704	otc	sel	5230			0.7	33	3	22	<1	<1	1	1.9	<5	564	30.47%	0.991	0.45	178	<10	5
311	11705	otc	sel	15.34 ppm			0.7	29	24	6	<1	<1	1	2.4	<5	598	61.71%	0.892	0.12	42	<10	6
312	10725	pit	sel	1115			<0.2	40	<2	44	<1	<1	2	2.6	<5	16	41.28%	0.175	1.51	715	<10	16
312	10726	otc	sel	151			0.6	26	8	22	2	11	3	0.5	<5	702	483	0.100	3.93	3746	<10	13
312	11402	otc	sel	1716			<0.2	4	3	21	<1	<1	1	5.9	<5	1207	>2000	0.066	1.22	961	<10	5
312	11403	otc	rand	393			0.3	7	7	35	2	7	2	2.0	<5	441	169	0.079	3.42	1550	<10	14
312	11404	otc	sel	501			0.4	10	<2	30	<1	<1	<1	2.3	<5	51	>2000	0.153	0.81	661	<10	3

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
310	11791		soil	24	34	<20	<20	17	1.56	0.70	0.29	<0.01	0.06	19	7	4	18	2	<5	<10	<0.01	<1		
310	11792		soil	15	21	<20	<20	14	0.83	0.38	0.16	<0.01	0.05	52	5	2	10	1	<5	<10	<0.01	1		
310	11793		soil	24	35	<20	<20	17	1.55	0.72	0.24	<0.01	0.06	20	8	4	18	2	<5	<10	<0.01	1		
310	11794		soil	19	26	<20	<20	14	1.22	0.60	0.30	<0.01	0.05	22	7	3	14	2	<5	<10	<0.01	1		
310	11795		soil	18	25	<20	<20	15	1.14	0.55	0.26	<0.01	0.05	19	6	3	13	2	<5	<10	<0.01	<1		
310	11796		soil	19	27	<20	<20	15	1.22	0.59	0.26	<0.01	0.05	21	7	3	15	2	<5	<10	<0.01	<1		
310	11797		soil	17	23	<20	<20	14	1.06	0.53	0.22	<0.01	0.05	19	4	3	12	1	<5	<10	<0.01	<1		
310	11798		soil	19	27	<20	<20	16	1.20	0.56	0.23	<0.01	0.05	19	5	3	14	2	<5	<10	<0.01	1		
310	11799		soil	19	28	<20	<20	17	1.22	0.55	0.26	<0.01	0.06	23	7	4	13	2	<5	<10	<0.01	1		
310	11800		soil	21	30	<20	<20	17	1.31	0.57	0.29	<0.01	0.06	23	6	4	14	2	<5	<10	<0.01	1		
310	11801		soil	17	26	<20	<20	15	1.04	0.47	0.20	<0.01	0.06	24	7	3	11	2	<5	<10	<0.01	2		
310	12351		soil	20	29	<20	<20	16	1.33	0.55	0.21	<0.01	0.06	17	8	<2	16	2	<5	<10	<0.010	<1		
310	12352		soil	21	25	<20	<20	12	1.09	0.48	0.49	<0.01	0.06	35	6	<2	13	2	<5	<10	<0.010	<1		
310	12353		soil	16	24	<20	<20	13	1.06	0.50	0.41	<0.01	0.06	31	5	<2	14	1	<5	<10	<0.010	<1		
310	12354		soil	17	26	<20	<20	16	1.14	0.46	0.17	<0.01	0.06	16	5	<2	14	2	<5	<10	<0.010	<1		
310	12355		soil	16	23	<20	<20	16	1.01	0.41	0.18	<0.01	0.06	17	5	<2	12	1	<5	<10	<0.010	<1		
310	12356		soil	10	15	<20	<20	13	0.59	0.22	0.13	<0.01	0.06	15	4	<2	6	<1	<5	<10	<0.010	<1		
310	12357		soil	16	23	<20	<20	14	0.99	0.44	0.26	0.02	0.06	50	5	<2	11	1	<5	<10	<0.010	1		
310	12358		soil	10	14	<20	<20	7	0.51	0.27	0.82	<0.01	0.05	55	3	<2	5	<1	<5	<10	<0.010	1		
310	12359		soil	15	25	<20	<20	15	0.97	0.38	0.22	<0.01	0.06	20	3	<2	11	1	<5	<10	<0.010	<1		
310	12360		soil	12	21	<20	<20	12	0.88	0.39	0.46	<0.01	0.06	34	3	<2	11	1	<5	<10	<0.010	<1		
310	12361		soil	13	22	<20	<20	14	0.82	0.36	0.52	<0.01	0.07	39	5	<2	9	1	<5	<10	<0.010	2		
310	12362		soil	11	19	<20	<20	10	0.69	0.35	0.79	<0.01	0.07	52	3	<2	7	1	<5	<10	<0.010	1		
310	12363		soil	14	21	<20	<20	17	0.81	0.35	0.32	<0.01	0.07	29	6	<2	9	1	<5	<10	<0.010	2		
310	12364		soil	13	21	<20	<20	16	0.76	0.35	0.33	<0.01	0.06	29	5	<2	8	1	<5	<10	<0.010	1		
310	12365		soil	6	7	<20	<20	3	0.33	0.49	2.91	<0.01	0.04	143	4	<2	3	<1	<5	<10	<0.010	1		
310	12366		soil	14	24	<20	<20	15	0.92	0.50	0.51	<0.01	0.07	54	4	<2	10	1	<5	<10	<0.010	2		
310	12367		soil	17	25	<20	<20	10	0.99	0.54	1.03	<0.01	0.09	77	7	<2	11	<1	<5	<10	<0.010	<1		
310	12368		soil	19	30	<20	<20	12	1.16	0.65	0.36	<0.01	0.08	34	5	<2	13	1	<5	<10	<0.010	<1		
310	12369		soil	23	31	<20	<20	14	1.63	0.94	0.46	<0.01	0.09	33	6	<2	19	1	<5	<10	<0.010	<1		
310	12370		soil	21	30	<20	<20	14	1.21	0.98	0.44	<0.01	0.08	30	5	<2	20	1	<5	<10	<0.010	<1		
311	11704	otc	sel	64	1	<20	<20	<1	0.03	0.28	0.77	<0.01	0.01	52	<1	<2	<1	<1	<5	<10	<0.01	<1		
311	11705	fil	sel	15	<1	<20	29	<1	0.01	0.02	0.22	<0.01	<0.01	20	<1	<2	<1	<1	<5	<10	<0.01	<1		
312	10725	pit	sel	60	<1	<20	28	<1	0.21	0.62	0.52	<0.01	0.12	22	2	<2	1	<1	<5	<10	<0.01	<1		
312	10726	otc	sel	78	7	<20	<20	4	0.23	3.72	8.80	0.02	0.09	510	11	<2	2	3	<5	<10	<0.01	2		
312	11402	otc	sel	109	3	<20	<20	<1	0.12	0.85	2.12	0.01	0.05	147	4	<2	<1	<1	<5	<10	<0.01	<1		
312	11403	otc	rand	144	8	<20	<20	<1	0.33	3.31	7.12	0.02	0.13	623	7	<2	1	<1	<5	<10	<0.01	<1		
312	11404	otc	sel	43	1	<20	32	<1	0.06	0.71	1.45	<0.01	0.02	87	2	<2	<1	<1	<5	<10	<0.01	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
312	11806	67.47428	150.22054	Smith Ck lode	rub	sel	stb-qz vein w/ >30% stb	Wiseman B-1	NE 33	31N	12W	Fairbanks
313	11807	67.47411	150.22005	Smith Ck lode	rub	sel	qz-stb vein w/ <10% stb	Wiseman B-1	NE 33	31N	12W	Fairbanks
313	11808	67.47396	150.21955	Smith Ck lode	rub	sel	stb-qz vein w/ >30% stb	Wiseman B-1	NE 33	31N	12W	Fairbanks
313	11809	67.47409	150.21844	Smith Ck lode	rub	sel	stb-qz vein w/ >30% stb	Wiseman B-1	NE 33	31N	12W	Fairbanks
315	11280	67.47383	150.22024	Smith Ck	otc	sel	qz vein w/ 50% Sb, 10% stb	Wiseman B-1	NE 33	31N	12W	Fairbanks
315	11706	67.47038	150.20902	Smith Ck	otc	sel	qz-stb vein w/ <10% stb	Wiseman B-1	NW 34	31N	12W	Fairbanks
316	10746	67.47060	150.20792	Smith Ck	otc	rep	qz-musc schist w/ lim	Wiseman B-1	NW 34	31N	12W	Fairbanks
317	11163	67.46917	150.19697	Smith Ck	otc	sel	blk schist w/ euhedral py	Wiseman B-1	NE 34	31N	12W	Fairbanks
317	11164	67.46917	150.19697	Smith Ck	otc	sel	qz vein	Wiseman B-1	NE 34	31N	12W	Fairbanks
317	11165	67.46917	150.19697	Smith Ck	otc	pan	qz veins w/ sulfides, Sb	Wiseman B-1	NE 34	31N	12W	Fairbanks
318	11166	67.46889	150.19470	Smith Ck	otc	pan	qz veins w/ sulfides, Sb	Wiseman B-1	NE 34	31N	12W	Fairbanks
318	11167	67.46889	150.19470	Smith Ck	otc	sel	meta qtz w/ euhedral py	Wiseman B-1	NE 34	31N	12W	Fairbanks
319	11707	67.47038	150.20902	Smith Ck	otc	sel	0.5-in-wide qz-carb vlet w/ tr stb	Wiseman B-1	SE 34	31N	12W	Fairbanks
319	11708	67.47038	150.20902	Smith Ck		pan	1 fine, 3 v fine Au, abu mag	Wiseman B-1	SE 34	31N	12W	Fairbanks
320	10743	67.47167	150.19556	Smith Ck	otc	rep	qz vein cut qz-mica schist	Wiseman B-1	NW 35	31N	12W	Fairbanks
321	10744	67.46855	150.16819	Smith Ck		pan	minor mag, no vis Au	Wiseman B-1	SW 25	31N	12W	Fairbanks
321	10745	67.46855	150.16819	Smith Ck		soil		Wiseman B-1	SW 25	31N	12W	Fairbanks
322	10742	67.47311	150.17619	Smith Ck Dome	otc	sel	schistose qtz w/ py, mal(?)	Wiseman B-1	NW 35	31N	12W	Fairbanks
323	10740	67.47389	150.16833	Smith Ck Dome	otc	sel	qz-musc schist w/ py cubes, lim	Wiseman B-1	NW 35	31N	12W	Fairbanks
323	10741	67.47389	150.16833	Smith Ck Dome	otc	sel	qz vein cutting qz-mica schist	Wiseman B-1	NW 35	31N	12W	Fairbanks
323	12476	67.47481	150.16583	Smith Ck Dome	otc	cont	qz vein w/ lim	Wiseman B-1	NW 35	31N	12W	Fairbanks
324	12477	67.47502	150.17630	Smith Ck Dome	otc	rand	qz vein w/ sid, ank	Wiseman B-1	NW 35	31N	12W	Fairbanks
325	12478	67.47502	150.16915	Smith Ck Dome	otc	rand	qz vein w/ hem pseudos, tr py	Wiseman B-1	NW 35	31N	12W	Fairbanks
326	10718	67.47591	150.17363	Smith Ck Dome	otc	sel	schistose qtz w/ tr py, lim	Wiseman B-1	SW 26	31N	12W	Fairbanks
327	11158	67.47639	150.17670	Smith Ck Dome	otc	sel	meta qz w/ py	Wiseman B-1	SE 27	31N	12W	Fairbanks
328	11247	67.47770	150.19539	Smith Ck Dome bench		soil	0.025 cubic yards, schistose soil	Wiseman B-1	SE 27	31N	12W	Fairbanks
329	10764	67.47861	150.20000	Smith Ck Dome bench		soil	probable contamination	Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11924	67.48088	150.21830	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11925	67.48083	150.21767	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11926	67.48079	150.21704	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11927	67.48074	150.21641	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11928	67.48070	150.21578	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11929	67.48065	150.21515	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11930	67.48061	150.21452	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11931	67.48056	150.21389	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11932	67.48052	150.21326	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11933	67.48047	150.21263	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11934	67.48043	150.21200	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
313	11806	rub	sel	908			0.3	36	12	32	<1	<1	2	2.4	<5	347	30.22%	0.091	0.65	274	<10	4
313	11807	rub	sel	634			<0.2	24	11	32	1	<1	2	0.8	<5	617	8.50%	0.090	1.24	1367	<10	4
313	11808	fil	sel	407			0.3	25	13	18	2	<1	2	2.2	<5	76	28.44%	0.108	1.28	1136	<10	3
313	11809	rub	sel	89			1.1	25	<2	12	1	<1	1	3.7	<5	12	49.97%	0.097	0.35	174	15	2
314	11280	otc	sel	9836			<0.2	69	<2	51	<1	<1	5	2.3	<5	924	42.42%	0.457	1.08	912	<10	<1
315	11706	otc	sel	1563			<0.2	58	53	38	5	15	12	12.5	<5	6923	>2000	0.084	1.69	1270	<10	18
316	10746	otc	rep	7			<0.2	54	21	60	1	18	9	<0.2	<5	64	22	0.135	4.29	3232	<10	60
317	11163	otc	sel	13			<0.2	72	22	58	4	44	18	<0.2	<5	23	9	0.052	3.66	1830	<10	51
317	11164	otc	sel	463			<0.2	6	3	67	4	18	2	2.4	<5	1028	>2000	0.124	1.05	727	<10	14
317	11165	otc	ran	1532			<0.2	30	43	41	3	17	8	12.3	<5	5772	>2000	0.079	1.47	1201	<10	21
318	11166	otc	ran	1958			<0.2	23	29	25	7	13	4	9.0	<5	3933	>2000	0.068	1.15	266	<10	18
318	11167	otc	sel	14			1.3	22	359	4004	7	20	6	16.9	<5	54	48	5.685	1.40	867	<10	7
319	11707	otc	sel	67			<0.2	23	106	7	2	12	2	0.3	<5	180	>2000	0.023	1.45	804	<10	5
319	11708		pan	11.8 ppm	<5	3	0.4	78	20	79	2	61	29	0.4	<5	64	21	0.139	9.85	2354	<10	137
320	10743	otc	rep	<5			0.4	24	6	65	1	12	11	<0.2	<5	89	42	0.125	4.52	1613	<10	22
321	10744		pan	22			<0.2	45	14	63	2	45	20	<0.2	7	57	15	0.16	7.96	2252	<10	44
321	10745		sed	<5			<0.2	23	11	53	1	25	12	<0.2	<5	15	10	0.192	2.27	1363	<10	28
322	10742	otc	sel	9			<0.2	62	17	17	10	25	9	<0.2	<5	153	46	0.057	0.96	288	<10	35
323	10720	otc	sel	2234			7.2	171	2360	65	4	44	28	0.3	23	323	136	0.920	3.79	3371	<10	248
323	10741	otc	sel	46			<0.2	47	23	39	2	16	9	<0.2	<5	47	31	0.168	2.34	2096	<10	112
323	12476	otc	conl	41			<0.2	34	4	37	<1	29	14	<0.2	<5	18	13	0.216	1.47	1735	<10	41
324	12477	otc	rand	47			<0.2	94	7	44	1	28	21	<0.2	<5	27	39	1.764	2.66	2844	<10	96
325	12478	otc	rand	5095			3.0	187	2361	80	4	36	23	0.4	17	62	95	1.440	3.97	4901	<10	90
326	10718	otc	sel	<5			<0.2	27	178	65	114	45	5	0.7	<5	81	9	0.483	1.23	171	<10	89
327	11138	otc	sel	11			<0.2	10	<2	33	2	16	10	<0.2	<5	12	<5	0.226	1.23	2133	<10	88
328	11247		soil	2.33 ppm	<70	<70	<0.2	41	14	92	1	34	22	<0.2	<5	111	96	0.230	5.79	1354	<10	63
329	10764		soil	387.62 ppm			83.7	161	>10000	73	2	69	50	<0.2	135	337	199	15	>10.00	1226	33	9
330	11924		soil	15			0.3	43	17	85	2	27	14	<0.2	<5	24	17	0.191	3.97	1129	<10	75
330	11925		soil	8			<0.2	30	13	83	2	39	23	<0.2	<5	37	13	0.137	5.13	2326	<10	106
330	11926		soil	<5			<0.2	14	10	52	<1	16	10	<0.2	<5	21	<5	0.078	3.21	400	<10	72
330	11927		soil	<5			<0.2	20	10	55	<1	20	18	<0.2	<5	37	8	0.071	3.99	1222	<10	97
330	11928		soil	<5			<0.2	38	11	62	<1	25	16	<0.2	<5	32	11	0.069	4.24	828	<10	95
330	11929		soil	<5			<0.2	47	6	75	<1	37	19	<0.2	<5	23	<5	0.033	5.81	1779	<10	29
330	11930		soil	<5			<0.2	17	10	55	<1	16	9	<0.2	<5	27	7	0.069	3.44	678	<10	46
330	11931		soil	<5			<0.2	35	13	68	<1	25	14	<0.2	<5	15	38	0.102	3.52	1079	<10	105
330	11932		soil	6			<0.2	24	18	57	1	17	10	<0.2	<5	30	58	0.126	3.12	964	<10	62
330	11933		soil	20			<0.2	18	23	46	2	23	13	0.3	<5	46	20	0.073	3.24	1893	<10	48
330	11934		soil	<5			<0.2	50	11	54	<1	33	16	0.4	<5	21	<5	0.053	3.68	2541	<10	62

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
313	11806	rub	sel	152	1	<20	28	<1	0.05	0.33	0.78	<0.01	0.02	66	<1	<2	<1	<1	<5	<10	<0.01	<1		
313	11807	rub	sel	170	3	<20	<20	<1	0.08	1.24	2.67	<0.01	0.03	162	2	<2	<1	<1	<5	<10	<0.01	<1		
313	11808	fit	sel	117	4	<20	22	<1	0.03	1.26	2.86	<0.01	0.01	230	3	<2	<1	<1	<5	<10	<0.01	<1		
313	11809	rub	sel	70	<1	<20	37	<1	0.03	0.17	0.63	<0.01	<0.01	51	<1	<2	<1	<1	<5	<10	<0.01	<1		
314	11280	otc	sel	69	2	<20	<20	<1	0.06	0.68	1.89	<0.01	0.02	163	2	<2	<1	<1	<5	<10	<0.01	<1		
315	11706	otc	sel	118	6	<20	<20	2	0.15	0.44	1.06	0.01	0.07	81	2	<2	<1	<1	<5	<10	<0.01	1		
316	10746	otc	rep	38	15	<20	<20	19	0.65	1.79	2.33	0.03	0.30	154	6	<2	5	<1	<5	<10	<0.01	1		
317	11163	otc	sel	108	16	<20	<20	4	0.93	1.00	0.96	0.03	0.20	52	3	<2	15	<1	<5	<10	<0.01	<1		
317	11164	otc	sel	272	3	<20	<20	<1	0.11	0.76	1.71	<0.01	0.02	172	2	<2	<1	<1	<5	<10	<0.01	<1		
317	11165	otc	ran	246	4	<20	<20	2	0.22	0.49	1.15	0.01	0.08	95	2	<2	1	1	<5	<10	<0.01	<1		
318	11166	otc	ran	249	4	<20	<20	2	0.21	0.15	0.26	0.01	0.07	53	<1	<2	2	<1	<5	<10	<0.01	1		
318	11167	otc	sel	397	1	<20	<20	<1	0.06	0.16	0.34	0.02	0.02	16	<1	<2	<1	<1	<5	<10	<0.01	<1		
319	11707	otc	sel	343	4	<20	<20	<1	0.04	0.07	0.21	<0.01	0.01	18	1	<2	<1	<1	<5	<10	<0.01	<1		
319	11708		pan	282	80	<20	<20	12	1.28	0.56	0.19	0.04	0.26	24	6	7	12	4	<5	<10	<0.01	3		
320	10743	otc	rep	86	8	<20	<20	7	0.27	2.71	5.76	0.02	0.15	619	11	<2	3	1	<5	<10	<0.01	1		
321	10744		pan	114	53	<20	<20	21	0.70	0.34	0.12	0.01	0.10	20	5	<2	6	1	<5	<10	<0.01	3		
321	10745		sed	13	15	<20	<20	15	0.71	0.53	0.43	<0.01	0.09	24	5	<2	9	<1	<5	<10	<0.01	<1		
322	10742	otc	sel	174	3	<20	<20	5	0.18	0.08	0.05	0.01	0.09	9	1	<2	2	<1	<5	<10	<0.01	3		
323	10720	otc	sel	150	2	<20	<20	9	0.43	0.80	0.81	0.01	0.27	66	3	<2	4	<1	<5	<10	<0.01	2		
323	10741	otc	sel	122	8	<20	<20	15	0.49	0.56	0.47	<0.01	0.18	89	4	<2	3	<1	<5	<10	<0.01	2		
323	12476	otc	cont	180	8	<20	<20	8	0.39	0.41	0.41	0.02	0.09	13	3	<2	5	<1	<5	<10	<0.010	<1		
324	12477	otc	rand	95	9	<20	<20	12	0.43	0.44	0.93	0.02	0.23	92	5	<2	4	<1	<5	<10	<0.010	<1		
325	12478	otc	rand	131	8	<20	<20	4	0.17	0.21	0.14	<0.01	0.13	24	2	<2	2	<1	<5	<10	<0.010	<1		
326	10718	otc	sel	211	8	<20	<20	3	0.33	0.07	0.01	0.01	0.11	5	2	<2	3	<1	<5	<10	<0.01	6		
327	11158	otc	sel	230	3	<20	<20	<1	0.12	0.49	1.09	<0.01	0.08	106	3	<2	2	<1	<5	<10	<0.01	<1		
328	11247		soil	207	80	<20	<20	9	2.01	1.26	1.11	0.08	0.19	70	8	5	29	<1	9	<10	0.01	<1		
329	10764		soil	129	33	38	37	56	1.12	0.84	1.18	0.02	0.11	65	3	3	13	<1	<5	<10	0.01	4		
330	11924		soil	21	31	<20	<20	15	1.44	0.67	0.30	<0.01	0.06	17	7	<2	22	2	<5	<10	<0.01	<1		
330	11925		soil	19	33	<20	<20	18	1.41	0.64	0.26	<0.01	0.05	20	8	<2	18	2	<5	<10	0.01	<1		
330	11926		soil	20	32	<20	<20	14	1.37	0.57	0.14	<0.01	0.05	11	4	<2	16	2	<5	<10	<0.01	<1		
330	11927		soil	20	34	<20	<20	16	1.53	0.62	0.16	<0.01	0.05	11	7	<2	18	2	<5	<10	<0.01	<1		
330	11928		soil	20	32	<20	<20	18	1.47	0.66	0.18	<0.01	0.06	14	7	<2	18	2	<5	<10	<0.01	<1		
330	11929		soil	12	19	<20	<20	19	1.22	0.86	0.15	<0.01	0.07	12	5	<2	13	<1	<5	<10	<0.01	<1		
330	11930		soil	20	34	<20	<20	16	1.46	0.60	0.09	<0.01	0.06	11	3	<2	17	2	<5	<10	0.01	<1		
330	11931		soil	21	33	<20	<20	17	1.47	0.63	0.24	<0.01	0.06	19	8	<2	13	2	<5	<10	<0.01	<1		
330	11932		soil	19	27	<20	<20	17	1.24	0.60	0.23	<0.01	0.05	25	4	<2	15	2	<5	<10	<0.01	<1		
330	11933		soil	14	19	<20	<20	15	0.89	0.48	0.15	0.02	0.05	59	3	<2	11	<1	<5	<10	<0.01	<1		
330	11934		soil	15	21	<20	<20	18	1.19	0.72	0.25	<0.01	0.05	17	7	<2	16	<1	<5	<10	<0.01	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
330	11935	67.48038	150.21137	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11936	67.48034	150.21074	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11937	67.48029	150.21011	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11938	67.48025	150.20948	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11939	67.48020	150.20885	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	11940	67.48015	150.20822	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	12466	67.47809	150.20160	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	12467	67.47823	150.20219	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	12468	67.47838	150.20278	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	12469	67.47857	150.20334	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	12470	67.47871	150.20393	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	12471	67.47886	150.20453	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	12472	67.47901	150.20508	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	12473	67.47915	150.20551	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	12474	67.47933	150.20607	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	12475	67.47947	150.20667	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	12490	67.47959	150.20728	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
330	12491	67.47975	150.20784	Archibald Ck soil survey		soil		Wiseman B-1	SW 27	31N	12W	Fairbanks
331	11142	67.48083	150.22294	Swede Channel		pan	1 coarse, 1 fine Au, mod py	Wiseman B-1	SE 28	31N	12W	Fairbanks
332	11068	67.48247	150.21521	Archibald Ck		sed		Wiseman B-1	SW 27	31N	12W	Fairbanks
332	11069	67.48247	150.21521	Archibald Ck		pan	tr mag, no vis Au	Wiseman B-1	SW 27	31N	12W	Fairbanks
333	11168	67.48278	150.21364	Archibald Ck	otc	sel	qz vlet within blk py schist	Wiseman B-1	SW 27	31N	12W	Fairbanks
334	11116	67.48605	150.21605	Nolan Ck	otc	ran	qz vlets xcut phyllite	Wiseman B-1	NE 28	31N	12W	Fairbanks
335	11379	67.48917	150.20833	Nolan Ck	otc	rand	qz vlets in graphitic schist	Wiseman B-1	NW 27	31N	12W	Fairbanks
336	11117	67.49055	150.20315	Nolan Ck		pan	1 fine and 12 v fine Au, no mag	Wiseman B-1	SE 22	31N	12W	Fairbanks
336	11118	67.49055	150.20315	Nolan Ck		sed		Wiseman B-1	SE 22	31N	12W	Fairbanks
337	11119	67.49280	150.20005	Nolan Ck	flt	grab	diorite w/ tr py	Wiseman B-1	SE 22	31N	12W	Fairbanks
338	11120	67.49558	150.19662	Nolan Ck	flt	grab	diorite w/ <1% fine py, lim	Wiseman C-1	SE 22	31N	12W	Fairbanks
339	11121	67.49902	150.19427	Webster Gulch		pan	no mag	Wiseman C-1	NE 22	31N	12W	Fairbanks
339	11122	67.49902	150.19427	Webster Gulch		sed		Wiseman C-1	NE 22	31N	12W	Fairbanks
340	12455	67.50056	150.18477	Webster Gulch		pan		Wiseman B-1	NE 22	31N	12W	Fairbanks
341	12454	67.49989	150.18608	Webster Gulch		pan	1 fine Au (?)	Wiseman C-1	E 22	31N	12W	Fairbanks
342	11261	67.50417	150.16368	Right Fork		sed		Wiseman B-1	NE 23	31N	12W	Fairbanks
342	11262	67.50417	150.16368	Right Fork		pan	tr mag, tr py	Wiseman B-1	NE 23	31N	12W	Fairbanks
343	11259	67.50417	150.16368	Right Fork		sed		Wiseman B-1	NE 23	31N	12W	Fairbanks
343	11260	67.50417	150.16368	Right Fork		pan	abu euhedral mag	Wiseman B-1	NE 23	31N	12W	Fairbanks
344	11281	67.50183	150.16078	Right Fork	otc	sel	qz vlets w/ 50% py	Wiseman B-1	NE 23	31N	12W	Fairbanks
344	11282	67.50183	150.16078	Right Fork	flt	sel	phyllite w/ 2% euhedral py	Wiseman C-1	NE 23	31N	12W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
330	11935		soil	<5			<0.2	36	10	70	<1	28	16	0.6	<5	20	<5	0.035	4.04	2175	<10	17
330	11936		soil	13			0.3	101	18	67	3	42	11	3.7	<5	47	19	0.136	4.12	426	<10	43
330	11937		soil	<5			<0.2	23	12	51	<1	20	13	0.6	<5	29	10	0.077	3.66	1389	<10	45
330	11938		soil	<5			<0.2	34	12	61	<1	30	20	0.4	<5	25	12	0.070	4.70	3076	<10	80
330	11939		soil	<5			<0.2	28	13	69	<1	17	14	0.2	<5	33	18	0.080	4.91	1322	<10	45
330	11940		soil	<5			<0.2	28	11	76	<1	22	14	0.8	<5	52	28	0.048	5.38	1523	<10	41
330	12466		soil	10			<0.2	45	10	89	<1	18	15	0.4	<5	173	28	0.077	6.01	1223	<10	46
330	12467		soil	13			<0.2	43	13	94	<1	25	15	0.3	<5	84	24	0.069	4.94	1423	<10	35
330	12468		soil	9			<0.2	33	10	87	<1	16	10	0.3	<5	104	18	0.066	4.68	1474	<10	31
330	12469		soil	11			<0.2	39	12	95	<1	23	16	0.3	<5	82	29	0.082	4.75	1472	<10	56
330	12470		soil	13			<0.2	23	11	84	<1	18	27	0.2	<5	57	64	0.058	4.39	2624	<10	56
330	12471		soil	12			<0.2	35	12	81	<1	26	36	0.3	<5	84	50	0.060	5.88	2525	<10	76
330	12472		soil	<5			<0.2	10	8	78	<1	12	9	<0.2	<5	25	23	0.052	3.97	1126	<10	38
330	12473		soil	9			<0.2	27	10	83	<1	20	21	0.3	<5	78	40	0.058	4.95	1476	<10	52
330	12474		soil	8			<0.2	31	12	84	<1	17	14	0.2	<5	71	66	0.052	3.80	1255	<10	42
330	12475		soil	10			<0.2	41	12	85	<1	24	19	0.3	<5	81	78	0.058	4.84	1406	<10	32
330	12490		soil	8			<0.2	30	12	88	<1	19	20	0.5	<5	94	55	0.037	5.53	1429	<10	39
330	12491		soil	<5			<0.2	17	11	82	<1	16	14	0.3	<5	50	40	0.062	4.46	1225	<10	32
331	11144		pan	212.03	ppm	<5	3	0.1	58	10	161	3	38	27	<0.2	<5	58	25	3.220	6.67	2924	<10	110
332	11068		sed	5			<0.2	32	7	53	<1	30	18	<0.2	<5	21	18	0.038	2.60	1837	<10	18
332	11069		pan	14	<5	3	<0.2	107	7	223	3	41	23	<0.2	<5	34	45	0.038	5.15	3968	<10	116
333	11168	otc	sel	27			0.3	14	5	15	5	20	3	<0.2	<5	37	150	0.095	0.94	71	<10	18
334	11116	otc	rad	4			0.2	93	36	51	4	39	12	<0.2	<5	26	6	0.016	2.02	2211	<10	26
335	11379	otc	rand	37			0.3	17	10	13	4	11	1	<0.2	<5	14	27	0.086	0.84	99	<10	21
336	11117		pan	11340	<5	1	5.1	43	32	113	3	31	18	<0.2	<5	36	11	0.730	5.01	3965	<10	107
336	11118		sed	2			<0.2	25	4	55	<1	23	15	<0.2	<5	15	<5	0.026	3.27	1362	<10	16
337	11119	flt	grab	3			0.2	89	<2	39	1	41	31	<0.2	<5	45	<5	<0.010	3.37	625	<10	17
338	11120	flt	grab	2			<0.2	126	<2	58	1	25	26	<0.2	<5	<5	<5	<0.010	4.43	632	<10	25
339	11121		pan	26	<5	<1	<0.2	30	<2	106	2	23	17	<0.2	<5	42	<5	0.024	4.42	1775	<10	89
339	11122		sed	4			<0.2	27	7	72	<1	25	17	<0.2	<5	59	<5	0.046	3.56	1382	<10	23
340	12455		pan	417	<5	<1	<0.2	14	6	79	<1	25	19	<0.2	<5	27	<5	0.025	4.81	1520	<10	69
341	12454		pan	887	<5	<1	<0.2	22	29	115	2	37	20	<0.2	<5	42	<5	0.034	4.63	2853	<10	70
342	11261		sed	<5			<0.2	37	14	82	<1	45	18	<0.2	<5	10	<5	0.050	3.13	1490	<10	17
342	11262		pan	43	6	7	<0.2	40	13	155	3	42	20	<0.2	<5	24	<5	0.105	4.79	3897	<10	187
343	11259		sed	<5			<0.2	18	10	53	<1	21	12	<0.2	<5	34	<5	0.023	2.20	2681	<10	14
343	11260		pan	40	6	7	<0.2	50	13	78	4	57	23	<0.2	<5	51	<5	0.090	5.64	3974	<10	134
344	11281	otc	sel	6			0.3	28	44	43	<1	19	6	<0.2	<5	17	161	0.047	2.14	822	<10	25
344	11282	flt	sel	10			0.3	38	8	65	<1	33	11	<0.2	<5	47	16	0.034	3.58	658	<10	31

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
330	11935		soil	15	18	<20	<20	21	1.16	0.92	0.15	<0.01	0.04	22	5	<2	16	<1	<5	<10	<0.01	3		
330	11936		soil	12	20	<20	<20	14	0.71	0.31	0.14	0.01	0.05	28	4	<2	7	<1	<5	<10	<0.01	2		
330	11937		soil	18	29	<20	<20	15	1.37	0.72	0.16	<0.01	0.05	14	5	<2	16	2	<5	<10	<0.01	<1		
330	11938		soil	23	34	<20	<20	15	1.81	1.06	0.22	<0.01	0.06	18	6	<2	21	2	<5	<10	<0.01	<1		
330	11939		soil	32	49	<20	<20	15	2.30	1.49	0.19	<0.01	0.09	14	6	<2	28	3	<5	<10	0.03	<1		
330	11940		soil	31	46	<20	<20	17	2.41	1.63	0.25	<0.01	0.10	16	7	<2	29	3	<5	<10	0.03	<1		
330	12466		soil	31	38	<20	<20	16	2.37	1.38	0.39	<0.01	0.07	26	10	<2	26	1	5	<10	<0.010	<1		
330	12467		soil	33	38	<20	<20	19	2.34	1.53	0.32	<0.01	0.07	20	12	<2	26	2	5	<10	0.016	<1		
330	12468		soil	29	37	<20	<20	14	2.10	1.42	0.36	<0.01	0.07	24	7	<2	27	1	<5	<10	<0.010	<1		
330	12469		soil	32	39	<20	<20	17	2.44	1.46	0.34	<0.01	0.09	22	9	<2	27	1	5	<10	<0.010	<1		
330	12470		soil	31	38	<20	<20	14	2.32	1.38	0.41	<0.01	0.09	21	6	<2	27	1	<5	<10	<0.010	<1		
330	12471		soil	30	38	<20	<20	18	2.43	1.39	0.33	<0.01	0.10	21	10	<2	27	1	<5	<10	0.011	<1		
330	12472		soil	28	36	<20	<20	11	2.24	1.38	0.39	<0.01	0.09	33	5	<2	24	2	<5	<10	0.023	<1		
330	12473		soil	30	37	<20	<20	16	2.33	1.32	0.25	<0.01	0.09	15	7	<2	25	1	<5	<10	0.013	<1		
330	12474		soil	32	36	<20	<20	18	2.47	1.44	0.25	<0.01	0.09	14	7	<2	27	2	<5	<10	0.013	<1		
330	12475		soil	30	37	<20	<20	19	2.27	1.37	0.25	<0.01	0.09	15	8	<2	25	1	5	<10	0.015	<1		
330	12490		soil	34	43	<20	<20	18	2.58	1.50	0.23	<0.01	0.10	15	6	<2	29	2	5	<10	0.019	<1		
330	12491		soil	32	42	<20	<20	15	2.41	1.40	0.22	<0.01	0.09	13	5	<2	27	2	<5	<10	0.027	<1		
331	11144		pan	309	54	<20	<20	9	1.95	0.82	1.20	0.11	0.38	56	13	<2	21	<1	7	<10	0.07	<1		
332	11068		sed	12	16	<20	<20	8	0.81	0.62	0.43	<0.01	0.04	27	6	<2	11	<1	<5	<10	0.01	<1		
332	11069		pan	364	52	<20	<20	9	2.10	0.96	0.58	0.14	0.36	33	15	2	21	<1	9	<10	0.10	<1		
333	11168	otc	sel	393	5	<20	<20	3	0.20	0.01	0.04	<0.01	0.06	10	<1	<2	1	<1	<5	<10	<0.01	4		
334	11116	otc	rab	260	9	<20	<20	3	0.41	0.69	0.94	0.03	0.11	61	2	<2	5	<1	<5	<10	<0.01	<1		
335	11379	otc	rand	200	8	<20	<20	5	0.19	0.09	0.04	0.03	0.08	10	1	<2	1	<1	<5	<10	<0.01	5		
336	11117		pan	293	78	<20	<20	14	2.58	1.25	0.79	0.15	0.42	40	20	4	24	<1	11	<10	0.19	<1		
336	11118		sed	19	30	<20	<20	10	1.15	0.86	0.40	<0.01	0.06	24	6	<2	17	<1	<5	<10	0.02	<1		
337	11119	flt	grab	94	74	<20	<20	<1	3.19	1.69	4.21	0.05	0.04	25	8	3	20	<1	<5	<10	0.24	<1		
338	11120	flt	grab	67	95	<20	<20	3	2.18	1.33	1.17	0.06	0.03	30	11	<2	14	<1	<5	<10	0.29	<1		
339	11121		pan	208	91	<20	<20	9	2.22	1.33	1.00	0.17	0.28	55	14	3	20	<1	10	<10	0.20	<1		
339	11122		sed	21	42	<20	<20	8	1.22	0.95	0.56	<0.01	0.06	34	5	<2	15	<1	<5	<10	0.02	<1		
340	12453		pan	194	100	<20	<20	11	1.93	1.29	0.72	0.07	0.20	50	8	<2	25	6	8	<10	0.089	<1		
341	12454		pan	270	42	<20	<20	11	1.49	0.73	0.34	0.05	0.23	26	6	<2	20	2	<5	<10	<0.010	2		
342	11261		sed	10	9	<20	<20	14	0.63	0.48	0.67	<0.01	0.04	31	7	<2	15	<1	<5	<10	<0.01	<1		
342	11262		pan	405	47	<20	<20	12	1.80	0.76	1.18	0.13	0.46	77	8	3	20	<1	5	<10	<0.01	<1		
343	11259		sed	8	10	<20	<20	15	0.59	0.40	1.06	<0.01	0.03	35	6	<2	9	<1	<5	<10	<0.01	<1		
343	11260		pan	585	47	<20	<20	11	1.96	0.63	1.45	0.13	0.53	81	10	3	21	<1	6	<10	0.01	<1		
344	11281	otc	sel	66	6	<20	<20	3	0.52	0.80	>10.00	0.02	0.14	733	16	<2	10	<1	<5	<10	<0.01	<1		
344	11282	flt	sel	47	11	<20	<20	6	1.04	1.21	5.52	0.02	0.22	309	9	<2	20	<1	<5	<10	<0.01	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
345	10649	67.49580	150.17324	Thompson Pup	flt	sel	massive qz w/ py, po	Wiseman B-1	SW 23	31N	12W	Fairbanks
346	10647	67.49581	150.17324	Thompson Pup	otc	rand	qz vlets in phyllite w/ lim	Wiseman B-1	SW 23	31N	12W	Fairbanks
346	10648	67.49581	150.17324	Thompson Pup	otc	rand	qz vlet in phyllite w/ lim	Wiseman B-1	SW 23	31N	12W	Fairbanks
347	11060	67.49292	150.17292	Thompson Pup	flt	sel	multiple phase alt qz w/ lim	Wiseman B-1	SW 23	31N	12W	Fairbanks
347	11207	67.49292	150.17292	Thompson Pup	otc	cont	qz vlet w/ apy	Wiseman B-1	SW 23	31N	12W	Fairbanks
347	11214	67.49292	150.17292	Thompson Pup	flt	sel	ch schist w/ 5% py, po	Wiseman B-1	SW 23	31N	12W	Fairbanks
347	11215	67.49292	150.17292	Thompson Pup	otc	sel	4.0-ft-wide qz vein w/ py, po, ch	Wiseman B-1	SW 23	31N	12W	Fairbanks
347	11360	67.49292	150.17292	Thompson Pup	otc	sel	qz vein	Wiseman B-1	SW 23	31N	12W	Fairbanks
347	11361	67.49292	150.17292	Thompson Pup	otc	sel	qz vein w/ py, lim	Wiseman B-1	SW 23	31N	12W	Fairbanks
348	11395	67.49208	150.17102	Thompson Pup	flt	sel	vein qz w/ sid, py	Wiseman B-1	SW 23	31N	12W	Fairbanks
349	11208	67.49236	150.17377	Thompson Pup	flt	sel	vein qz (?) w/ tr cpy (?)	Wiseman B-1	SW 23	31N	12W	Fairbanks
350	11362	67.49139	150.17708	Thompson Pup	otc	sel	qz vein	Wiseman B-1	SW 23	31N	12W	Fairbanks
351	11363	67.49111	150.17898	Thompson Pup	otc	rand	qz vein	Wiseman B-1	SW 23	31N	12W	Fairbanks
352	11061	67.48957	150.18749	Thompson Pup	flt	sel	qtz cobble w/ 3% py, cpy, lim	Wiseman B-1	SE 22	31N	12W	Fairbanks
352	11364	67.48957	150.18749	Thompson Pup	otc	sel	qz vein	Wiseman B-1	NE 27	31N	12W	Fairbanks
353	11062	67.48880	150.18873	Thompson Pup		sed		Wiseman B-1	NE 27	31N	12W	Fairbanks
353	11063	67.48880	150.18873	Thompson Pup		pan	4 x fine Au, minor mag	Wiseman B-1	NE 27	31N	12W	Fairbanks
354	12318	67.48882	150.19484	Thompson Pup		pan	no blk sands	Wiseman B-1	NE 27	31N	12W	Fairbanks
355	11365	67.48865	150.19004	Thompson Pup	otc	rand	qz vein w/ py, apy	Wiseman B-1	NE 27	31N	12W	Fairbanks
355	11366	67.48865	150.19004	Thompson Pup	otc	rand	qz vein w/ py, lim	Wiseman B-1	NE 27	31N	12W	Fairbanks
355	11367	67.48865	150.19004	Thompson Pup	otc	rand	qz vein	Wiseman B-1	NE 27	31N	12W	Fairbanks
355	11368	67.48865	150.19004	Thompson Pup	otc	sel	meta qz	Wiseman B-1	NE 27	31N	12W	Fairbanks
356	11135	67.48780	150.19486	Fay Ck	otc	sel	phyllite w/ subcubical py	Wiseman B-1	NE 27	31N	12W	Fairbanks
356	11209	67.48780	150.19486	Fay Ck	otc	ran	qz vlet w/ 10% sid, tr cpy, sl, stb	Wiseman B-1	NE 27	31N	12W	Fairbanks
356	11210	67.48780	150.19486	Fay Ck	otc	sel	1.1-ft-wide qz vein w/ stb, am py	Wiseman B-1	NE 27	31N	12W	Fairbanks
356	11211	67.48780	150.19486	Fay Ck	otc	sel	qz vein w/ py, po, tr stb, cpy	Wiseman B-1	NE 27	31N	12W	Fairbanks
357	11156	67.48890	150.19310	Fay Ck	otc	sel	folded qtz w/ abu py	Wiseman B-1	NE 27	31N	12W	Fairbanks
358	11157	67.48812	150.19176	Fay Ck	otc	sel	meta qz w/ sulfides	Wiseman B-1	NE 27	31N	12W	Fairbanks
358	11212	67.48812	150.19176	Fay Ck	otc	sel	phyllite w/ 5% po	Wiseman B-1	NE 27	31N	12W	Fairbanks
359	11064	67.48850	150.19135	Thompson Pup	otc	rep	multiple phase qz vein	Wiseman B-1	NE 27	31N	12W	Fairbanks
359	11065	67.48850	150.19135	Thompson Pup		pan	apy concentrate	Wiseman B-1	NE 27	31N	12W	Fairbanks
359	11213	67.48850	150.19135	Thompson Pup	flt	sel	silic schist w/ py, po, sid	Wiseman B-1	SW 23	31N	12W	Fairbanks
360	11066	67.48723	150.18976	Fay Ck		sed		Wiseman B-1	NE 27	31N	12W	Fairbanks
360	11067	67.48723	150.18976	Fay Ck		pan	1 fine Au, from bedrock	Wiseman B-1	NE 27	31N	12W	Fairbanks
361	11369	67.48861	150.16723	Fay Ck	otc	sel	qz vein w/ py, lim	Wiseman B-1	NE 27	31N	12W	Fairbanks
361	11371	67.48861	150.16723	Fay Ck	otc	sel	qz vein w/ lim	Wiseman B-1	NE 26	31N	12W	Fairbanks
362	11132	67.48672	150.17800	Fay Ck		sed		Wiseman B-1	NW 26	31N	12W	Fairbanks
362	11133	67.48672	150.17800	Fay Ck		pan	minor mag	Wiseman B-1	NW 26	31N	12W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
345	10643	flt	sel	<5			<0.2	6	<2	10	2	13	3	<0.2	<5	23	372	0.062	0.69	513	<10	13
346	10647	otc	rand	186			0.4	55	13	22	5	20	6	<0.2	<5	73	0.35%	0.358	1.64	3452	<10	76
346	10648	otc	rand	122			<0.2	78	30	142	3	62	27	0.5	<5	294	204	0.116	2.72	4993	<10	70
347	11060	flt	sel	4			0.4	2	31	50	1	16	10	<0.2	<5	7	<5	<0.010	4.49	10454	<10	12
347	11207	otc	rand	152			<0.2	23	<2	49	2	20	10	1.2	<5	434	5	0.146	2.03	2925	<10	87
347	11214	flt	sel	65			<0.2	60	31	44	4	47	33	2.1	<5	683	19	0.093	2.73	9418	<10	94
347	11215	otc	sel	30			0.4	116	32	76	4	32	19	2.3	<5	765	16	0.201	2.32	8629	<10	64
347	11360	otc	sel	<5			<0.2	17	26	21	3	19	8	<0.2	<5	61	20	0.045	1.93	6614	<10	46
347	11361	otc	sel	<5			<0.2	13	<2	12	1	9	3	<0.2	<5	<5	<5	<0.010	1.02	599	<10	36
348	11395	flt	sel	9			<0.2	7	7	21	2	10	3	<0.2	<5	16	<5	<0.010	2.24	6409	<10	15
349	11208	flt	sel	12			<0.2	3062	11	79	3	21	36	0.6	<5	191	<5	0.171	>10.00	>20000	<10	12
350	11362	otc	sel	6			<0.2	10	<2	11	4	16	3	<0.2	<5	52	5	<0.010	1.00	1216	<10	32
351	11363	otc	rand	<5			<0.2	13	8	26	1	11	6	<0.2	<5	36	5	0.050	2.96	3775	<10	39
352	11061	flt	sel	25			<0.2	3059	20	88	1	6	8	0.3	<5	46	<5	0.205	>10.00	>20000	<10	3
352	11364	otc	sel	13			<0.2	13	<2	33	1	32	10	0.4	<5	113	8	0.034	2.61	1811	<10	29
353	11062		sed	82			<0.2	33	7	45	1	22	15	<0.2	<5	65	<5	0.036	2.30	2805	<10	20
353	11063		pan	15.80 ppm	7	4	3.2	109	25	262	6	44	23	1.1	<5	374	404	1.070	8.00	5114	<10	160
354	12318		pan	7	<5	2	<0.2	65	9	104	4	56	32	0.2	<5	18	<5	0.014	6.69	2946	<10	67
355	11365	otc	rand	17			<0.2	11	4	20	3	14	6	<0.2	<5	51	9	0.034	3.29	3451	<10	26
355	11366	otc	rand	8			<0.2	20	12	26	2	20	8	<0.2	<5	36	14	0.056	4.10	5940	<10	31
355	11367	otc	rand	83			<0.2	24	35	74	1	30	11	<0.2	<5	41	56	0.134	3.77	3911	<10	35
355	11368	otc	sel	38			<0.2	14	<2	<1	4	19	3	<0.2	<5	18	<5	0.014	0.82	546	<10	3
356	11155	otc	sel	4			<0.2	43	5	50	2	31	23	<0.2	<5	13	<5	0.049	3.45	4936	<10	34
356	11209	otc	ran	7			<0.2	43	213	49	2	23	11	<0.2	<5	19	95	0.089	2.46	8810	<10	41
356	11210	otc	sel	16			0.3	117	39	25	2	41	20	<0.2	<5	25	<5	0.133	1.88	3362	<10	17
356	11211	otc	sel	60			1	170	1033	23	3	100	58	0.4	6	163	589	0.751	3.16	1116	<10	1
357	11156	otc	sel	7			<0.2	93	22	52	3	66	30	<0.2	<5	32	<5	0.033	3.87	19649	<10	31
358	11157	otc	sel	40			0.2	18	16	23	2	14	9	<0.2	<5	90	<5	0.048	3.40	3677	<10	16
358	11212	otc	sel	36			0.2	102	60	83	3	61	37	<0.2	<5	35	<5	0.080	5.19	7732	<10	57
359	11064	otc	rep	9			0.7	3	<2	37	2	2	2	<0.2	<5	94	<5	0.034	9.95	3497	<10	3
359	11065		pan				0.4	42	17	141	2	245	392	406.2	<5	>10000	777	0.091	>10.00	129	70	<1
359	11213	flt	sel	11			<0.2	4768	8	108	<1	7	7	0.3	<5	28	<5	0.249	>10.00	>20000	<10	15
360	11066		sed	4			<0.2	29	7	43	1	26	16	<0.2	<5	30	8	0.059	2.44	4139	<10	23
360	11067		pan	1120	<5	3	<0.2	49	5	130	3	26	11	<0.2	<5	100	35	0.048	3.65	1518	<10	97
361	11369	otc	sel	44			<0.2	18	15	64	<1	13	8	<0.2	<5	35	23	0.054	5.43	2459	<10	264
361	11371	otc	sel	167			<0.2	45	29	39	2	30	15	<0.2	<5	21	15	0.041	4.50	3281	<10	231
362	11132		sed	8			<0.2	20	8	40	<1	18	11	<0.2	<5	29	10	0.139	1.60	1403	<10	43
362	11133		pan	28	<5	2	<0.2	113	13	219	6	52	33	<0.2	<5	84	23	2.269	6.08	9569	<10	229

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
345	10649	flt	sel	290	2	<20	<20	1	0.08	0.03	0.10	<0.01	0.04	10	<1	<2	2	<1	<5	<10	<0.01	1		
346	10647	otc	rand	234	3	<20	<20	5	0.20	0.62	1.42	<0.01	0.10	113	4	<2	2	<1	<5	<10	<0.01	2		
346	10648	otc	rand	155	5	<20	<20	8	0.41	0.18	1.01	0.01	0.12	72	11	<2	5	<1	<5	<10	<0.01	2		
347	11060	flt	sel	71	6	<20	<20	1	0.05	5.78	>10.00	0.01	0.03	351	5	<2	3	<1	<5	<10	<0.01	<1		
347	11207	otc	cont	180	8	<20	<20	6	0.38	0.37	0.77	0.02	0.17	41	3	<2	4	<1	<5	<10	<0.01	<1		
347	11214	flt	sel	161	4	<20	<20	3	0.30	0.73	2.52	0.01	0.21	102	4	<2	2	<1	<5	<10	<0.01	<1		
347	11215	otc	sel	257	5	<20	<20	6	0.35	0.44	1.66	<0.01	0.16	130	9	<2	6	<1	<5	<10	<0.01	<1		
347	11360	otc	sel	368	5	<20	<20	7	0.24	0.39	0.95	0.02	0.10	59	3	<2	2	<1	<5	<10	<0.01	4		
347	11361	otc	sel	215	4	<20	<20	5	0.34	0.29	1.86	0.01	0.05	95	3	<2	4	<1	<5	<10	<0.01	<1		
348	11395	flt	sel	161	6	<20	<20	<1	0.05	1.77	4.43	<0.01	0.02	142	3	<2	1	<1	<5	<10	<0.01	<1		
348	11205	flt	sel	148	<1	<20	<20	3	0.11	0.46	0.51	0.01	0.05	88	6	<2	<1	<1	<5	12	<0.01	<1		
350	11362	otc	sel	309	3	<20	<20	2	0.12	0.18	0.39	<0.01	0.04	24	<1	<2	<1	<1	<5	<10	<0.01	2		
351	11363	otc	rand	196	16	<20	<20	5	0.39	1.85	4.72	0.03	0.07	139	7	<2	8	1	<5	<10	<0.01	5		
352	11061	flt	sel	114	<1	<20	<20	1	0.06	0.90	0.63	0.01	0.02	10	5	<2	1	<1	<5	15	<0.01	<1		
352	11364	otc	sel	245	10	<20	<20	5	0.64	0.56	0.57	0.02	0.13	29	3	<2	10	<1	<5	<10	<0.01	5		
353	11062		sed	7	12	<20	<20	8	0.44	0.33	0.67	<0.01	0.02	36	5	<2	6	<1	<5	<10	<0.01	<1		
353	11063		pan	308	69	<20	<20	12	1.85	0.52	0.91	0.14	0.41	62	15	<2	17	<1	7	<10	0.03	<1		
354	12318		pan	121	51	<20	<20	15	1.89	1.37	1.68	0.03	0.31	86	10	<2	18	2	6	<10	<0.010	<1		
355	11365	otc	rand	126	7	<20	<20	5	0.32	2.06	6.40	0.02	0.15	338	9	<2	3	<1	<5	<10	<0.01	1		
355	11366	otc	rand	145	9	<20	<20	4	0.28	2.16	5.30	0.02	0.11	410	6	<2	3	<1	<5	<10	<0.01	2		
355	11367	otc	rand	128	13	<20	<20	5	0.73	1.39	6.27	0.02	0.18	512	16	<2	8	<1	<5	<10	<0.01	<1		
355	11368	otc	sel	323	<1	<20	<20	<1	0.03	0.16	0.52	<0.01	0.01	30	1	<2	<1	<1	<5	<10	<0.01	<1		
356	11135	otc	sel	106	15	<20	<20	3	0.85	1.10	1.14	0.03	0.17	44	5	<2	14	<1	<5	<10	<0.01	<1		
356	11209	otc	ran	113	6	<20	<20	17	0.37	0.85	2.02	0.05	0.18	116	5	<2	3	<1	<5	<10	<0.01	<1		
356	11210	otc	sel	210	7	<20	<20	9	0.24	0.47	1.52	<0.01	0.07	97	8	<2	7	<1	<5	<10	<0.01	<1		
356	11211	otc	sel	255	<1	<20	<20	<1	0.02	0.22	0.38	<0.01	<0.01	43	2	<2	<1	<1	<5	<10	<0.01	<1		
357	11136	otc	sel	192	13	<20	<20	8	0.51	1.37	3.03	0.04	0.23	231	8	<2	2	<1	<5	<10	<0.01	<1		
358	11157	otc	sel	160	7	<20	<20	<1	0.30	1.23	3.76	0.02	0.06	229	8	<2	4	<1	<5	<10	<0.01	<1		
358	11212	otc	sel	75	30	<20	<20	4	1.28	1.21	2.33	0.03	0.30	164	3	<2	13	<1	<5	<10	<0.01	<1		
359	11064	otc	rep	8	5	<20	<20	<1	0.07	4.90	>10.00	0.02	0.03	1166	19	<2	2	<1	12	<10	<0.01	<1		
359	11065		pan	273	3	<20	<20	5	0.20	0.04	0.39	0.04	0.06	35	2	<2	<1	<1	<5	<10	0.02	5		
359	11213	flt	sel	111	<1	<20	<20	3	0.09	0.73	0.47	0.02	0.06	17	5	<2	1	<1	<5	16	<0.01	<1		
360	11066		sed	10	14	<20	<20	10	0.55	0.43	0.42	<0.01	0.03	27	6	<2	7	<1	<5	<10	<0.01	<1		
360	11067		pan	298	32	<20	<20	9	2.16	1.16	2.66	0.09	0.53	136	8	3	22	<1	<5	<10	0.02	<1		
361	11369	otc	sel	95	15	<20	<20	8	0.53	3.02	8.23	0.03	0.17	552	14	<2	5	<1	<5	<10	<0.01	2		
361	11371	otc	sel	146	22	<20	<20	6	0.89	1.83	3.80	0.03	0.21	292	6	<2	9	1	<5	<10	<0.01	2		
362	11132		sed	8	10	<20	<20	8	0.39	0.24	0.17	<0.01	0.03	18	3	<2	5	<1	<5	<10	<0.01	<1		
362	11133		pan	490	44	<20	<20	19	1.87	0.23	0.48	0.09	0.43	53	29	<2	15	<1	10	<10	0.01	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
363	11370	67.48750	150.16799	Fay Ck	otc	sel	qz vein	Wiseman B-1	SW 26	31N	12W	Fairbanks
364	10719	67.48179	150.16634	Smith Ck Dome	flt	sel	qz-musc schist w/ qz vein	Wiseman B-1	SW 26	31N	12W	Fairbanks
365	11401	67.48139	150.16288	Smith Ck Dome	otc	sel	qz vlet w/ lim	Wiseman B-1	SW 26	31N	12W	Fairbanks
366	11400	67.48083	150.16288	Smith Ck Dome	otc	sel	qz vlet w/ lim	Wiseman B-1	SW 26	31N	12W	Fairbanks
367	10701	67.48230	150.15817	Smith Ck Dome	otc	sel	qz-mica schist w/ bal(?), lim	Wiseman B-1	NW 26	31N	12W	Fairbanks
368	11050	67.48230	150.14552	Swift Ck	otc	sel	schist w/ blk nodules	Wiseman B-1	SE 26	31N	12W	Fairbanks
369	11169	67.48333	150.14545	Swift Ck	otc	sel	qz vein w/ lim	Wiseman B-1	SE 26	31N	12W	Fairbanks
370	10666	67.48381	150.15719	Smith Ck Dome	trn	sel	vein qz w/ stb, yellow alt mineral	Wiseman B-1	NW 26	31N	12W	Fairbanks
371	10665	67.48726	150.15985	Smith Ck Dome	flt	sel	vein qz w/ apy, lim	Wiseman B-1	SW 26	31N	12W	Fairbanks
372	10663	67.49058	150.16140	The Fortress	trn	sel	meta qz w/ apy, lim	Wiseman B-1	SE 23	31N	12W	Fairbanks
372	10664	67.49038	150.16140	The Fortress	trn	rand	meta qz w/ apy, lim	Wiseman B-1	SE 23	31N	12W	Fairbanks
372	11218	67.49073	150.16134	The Fortress	otc	sel	qz vlet w/ 1% py, lim	Wiseman B-1	SE 23	31N	12W	Fairbanks
373	11134	67.49352	150.16002	The Fortress	otc	rep	1-in-wide qz vein w/ hem psuedo	Wiseman B-1	SE 23	31N	12W	Fairbanks
373	11135	67.49352	150.16002	The Fortress	otc	rep	1-in-wide qz vein w/ hem, py	Wiseman B-1	SE 23	31N	12W	Fairbanks
373	11217	67.49352	150.16002	The Fortress	otc	rep	qz vlets	Wiseman B-1	SE 23	31N	12W	Fairbanks
373	11399	67.49352	150.16002	The Fortress	otc	sel	qz vlet w/ sid	Wiseman B-1	SE 23	31N	12W	Fairbanks
374	11216	67.49548	150.16622	The Fortress	otc	sel	qz vlet w/ 20% sid	Wiseman B-1	SW 23	31N	12W	Fairbanks
375	11136	67.49570	150.15529	The Fortress	otc	rep	qz vlets w/ py	Wiseman B-1	SE 23	31N	12W	Fairbanks
376	11308	67.49635	150.15133	The Fortress	otc	sel	qz vlet w/ sid after py	Wiseman B-1	SE 23	31N	12W	Fairbanks
377	10650	67.49603	150.15492	The Fortress	otc	cont	2-inch-wide qz vein w/ hem, py	Wiseman B-1	NE 23	31N	12W	Fairbanks
378	10651	67.50235	150.13779	Peak 2845	otc	rand	phyllite	Wiseman C-1	NW 24	31N	12W	Fairbanks
379	10765	67.49815	150.10888	Buckeye Gulch		slu	py concretions from concentrate	Wiseman B-1	SW 19	31N	11W	Fairbanks
379	11308	67.49815	150.10888	Buckeye Gulch		sed		Wiseman B-1	NE 24	31N	12W	Fairbanks
379	11309	67.49815	150.10888	Buckeye Gulch		pan		Wiseman B-1	NE 24	31N	12W	Fairbanks
379	11393	67.49815	150.10888	Buckeye Gulch	otc	sel	qz vein	Wiseman B-1	NE 24	31N	12W	Fairbanks
379	11394	67.49815	150.10888	Buckeye Gulch	otc	sel	meta qz	Wiseman B-1	NE 24	31N	12W	Fairbanks
380	12281	67.48349	150.03786	Jennie Ck		sed		Wiseman B-1	NE 29	31N	11W	Fairbanks
380	12282	67.48349	150.03786	Jennie Ck		pan	no mag, no vis Au	Wiseman B-1	NE 29	31N	11W	Fairbanks
381	11357	67.48611	150.04333	Hammond R	flt	sel	phyllite w/ mag properties(?)	Wiseman B-1	NE 29	31N	11W	Fairbanks
381	12539	67.48335	150.04118	Governer's Claim		slu	abu py cubes, abu mag	Wiseman B-1	NE 29	31N	11W	Fairbanks
381	12540	67.48335	150.04118	Governer's Claim		slu	four nuggets	Wiseman B-1	NE 29	31N	11W	Fairbanks
382	10763	67.48611	150.04333	Hammond R		slu		Wiseman B-1	NE 29	31N	11W	Fairbanks
383	11372	67.48597	150.05966	Steep Gulch	otc	sel	porphyritic greenstone w/ py	Wiseman B-1	NW 29	31N	11W	Fairbanks
384	11355	67.48468	150.06481	Steep Gulch		sed		Wiseman B-1	NW 29	31N	11W	Fairbanks
384	11356	67.48468	150.06481	Steep Gulch		pan	8 mag	Wiseman B-1	NW 29	31N	11W	Fairbanks
385	11380	67.48611	150.07917	Gold Bottom Gulch	otc	sel	qtz schist w/ py	Wiseman B-1	NE 30	31N	11W	Fairbanks
385	11381	67.48611	150.07917	Gold Bottom Gulch	otc	sel	banded graphitic schist w/ qz	Wiseman B-1	NE 30	31N	11W	Fairbanks
385	11382	67.48611	150.07917	Gold Bottom Gulch	otc	sel	qz vlet	Wiseman B-1	NE 30	31N	11W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
363	11370	otc	sel	<5			<0.2	14	31	69	<1	13	7	0.2	<5	59	21	0.285	2.07	2462	<10	67
364	10719	flt	sel	70			<0.2	27	7	34	2	27	17	<0.2	<5	56	13	0.122	2.83	2905	<10	126
365	11401	otc	sel	8			<0.2	63	<2	38	<1	21	11	<0.2	<5	20	34	0.135	2.74	2221	<10	111
366	11400	otc	sel	<5			<0.2	6	11	11	<1	12	4	<0.2	<5	<5	25	0.085	0.60	735	<10	22
367	10701	otc	sel	11			<0.2	175	18	468	2	10	5	2.4	<5	37	7	0.380	0.63	212	<10	143
368	11050	otc	sel	10			<0.2	165	140	40	<1	13	12	<0.2	<5	14	<5	<0.010	7.92	>20000	<10	16
369	11169	otc	sel	18			<0.2	28	331	30	9	28	8	0.3	<5	99	66	0.031	1.46	3952	<10	42
370	10666	trn	sel	436			<0.2	36	<2	13	<1	<1	<1	2.6	<5	297	28.09%	0.794	0.46	234	<10	13
371	10665	flt	sel	93			<0.2	12	<2	4	3	14	1	<0.2	<5	226	33	0.030	0.36	60	<10	<1
372	10663	trn	sel	27			<0.2	10	<2	4	5	18	4	2.4	<5	3035	44	0.069	0.61	179	<10	6
372	10664	trn	rand	<5			<0.2	3	<2	<1	1	6	<1	<0.2	<5	44	17	0.015	0.26	67	<10	3
372	11218	otc	sel	31			<0.2	29	8	23	3	23	14	0.4	<5	138	32	0.092	1.20	1401	<10	27
373	11134	otc	rep	30			<0.2	21	4	32	3	14	6	<0.2	<5	41	9	0.081	1.64	3390	<10	35
373	11135	otc	rep	5			<0.2	18	63	31	1	11	9	<0.2	<5	<5	<5	0.034	2.27	>20000	<10	45
373	11217	otc	run	58			<0.2	22	116	46	3	26	13	<0.2	<5	51	89	0.069	1.89	2880	<10	57
373	11399	otc	sel	14			<0.2	3	3	11	<1	6	6	<0.2	<5	16	<5	0.041	1.60	3525	<10	10
374	11216	otc	sel	8			<0.2	33	3	40	3	9	4	<0.2	<5	38	7	0.134	1.83	3395	<10	39
375	11136	otc	rep	9			<0.2	29	<2	26	2	13	4	<0.2	<5	44	<5	0.027	1.84	3090	<10	48
376	11398	otc	sel	32			<0.2	23	13	6	<1	6	1	<0.2	<5	26	9	0.042	0.91	1378	<10	19
377	10650	otc	cont	8301			<0.2	62	5	40	3	49	31	1.0	<5	1134	68	0.705	2.18	1690	<10	52
378	10651	otc	rand	<5			<0.2	22	13	28	<1	23	11	<0.2	<5	16	35	0.079	2.03	1697	<10	64
379	10765		slu	259			1.0	303	21	20	152	37	3	<0.2	9	207	10	0.229	>10.00	13	<10	<1
379	11308		sed	<5			<0.2	52	11	65	<1	44	29	<0.2	<5	27	9	0.048	2.93	3647	<10	34
379	11309		pan	28	10	8	<0.2	72	7	93	2	64	30	<0.2	<5	25	7	0.049	5.68	5382	<10	154
379	11393	otc	sel	<5			<0.2	35	55	20	3	21	7	<0.2	<5	7	<5	0.016	1.69	3783	<10	25
379	11394	otc	sel	<5			<0.2	13	6	15	2	22	6	<0.2	<5	<5	<5	0.020	1.17	2651	<10	26
380	12281		sed	15			<0.2	39	9	71	1	40	18	<0.2	24	13	<5	0.013	4.04	1260	<10	22
380	12282		pan	45	6	2	<0.2	41	9	84	3	42	21	0.3	<5	22	<5	0.016	5.89	1988	<10	56
381	11357	flt	sel	<5			<0.2	4	3	4	6	8	<1	<0.2	<5	<5	<5	0.288	0.23	18	<10	100
381	12539		slu		<5	<1	33.3	233	7685	61	12	117	223	21.8	42	8954	22	>20.000	>10.00	989	19	5
381	12540		sed		28	4	3.2	223	113	37	37	221	58	<0.2	<5	553	78	1.199	>10.00	34	13	19
382	10763		slu				27.7	70	473	165	2	44	23	<0.2	7	597	<5	8.277	5.35	1920	<10	86
383	11377	otc	sel	<5			0.2	36	<2	55	1	113	28	<0.2	<5	6	<5	<0.010	4.96	755	<10	18
384	11355		sed	8			<0.2	43	12	64	<1	34	20	<0.2	<5	30	<5	0.036	3.16	2996	<10	28
384	11356		pan	226	8	8	<0.2	142	9	76	3	50	21	0.2	<5	76	<5	0.037	5.08	3609	<10	110
385	11380	otc	sel	<5			<0.2	48	3	57	1	41	20	<0.2	<5	<5	<5	0.010	3.33	1946	<10	226
385	11381	otc	sel	33			<0.2	91	3	44	2	22	9	<0.2	<5	37	52	0.362	2.53	3035	<10	199
385	11382	otc	sel	61			0.6	506	9	101	3	25	6	<0.2	<5	19	338	2.112	1.79	2033	<10	40

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
363	11370	otc	sel	227	6	<20	<20	7	0.34	0.41	0.67	0.01	0.12	61	2	<2	6	<1	<5	<10	<0.01	2		
364	10719	flt	sel	147	7	<20	<20	15	0.45	0.12	0.32	0.02	0.21	38	6	<2	4	<1	<5	<10	<0.01	2		
365	11401	otc	sel	69	9	<20	<20	11	0.29	0.04	0.12	0.01	0.14	10	4	<2	2	<1	<5	<10	<0.01	<1		
366	11400	otc	sel	139	2	<20	<20	<1	0.10	0.04	0.08	<0.01	0.04	7	1	<2	1	<1	<5	<10	<0.01	<1		
367	10701	otc	sel	182	4	<20	<20	9	0.39	0.01	0.02	<0.01	0.11	106	14	<2	2	<1	<5	<10	<0.01	2		
368	11050	otc	sel	75	<1	<20	<20	7	0.40	1.85	2.95	0.01	0.05	151	14	<2	2	<1	<5	14	<0.01	<1		
369	11169	otc	sel	253	5	<20	<20	4	0.26	0.25	0.58	0.01	0.08	54	3	<2	2	<1	<5	<10	<0.01	<1		
370	10666	trn	sel	101	<1	<20	26	<1	0.10	<0.01	0.11	<0.01	0.03	6	<1	<2	8	<1	<5	<10	<0.01	<1		
371	10665	flt	sel	268	<1	<20	<20	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<1	<2	<1	<1	<5	<10	<0.01	1		
372	10663	trn	sel	277	<1	<20	<20	<1	0.04	0.02	0.04	<0.01	0.01	10	<1	<2	<1	<1	<5	<10	<0.01	1		
372	10664	trn	rand	247	<1	<20	<20	<1	0.02	<0.01	<0.01	<0.01	<0.01	<1	<1	<2	<1	<1	<5	<10	<0.01	<1		
372	11218	otc	sel	286	2	<20	<20	2	0.09	0.19	0.56	<0.01	0.03	39	1	<2	2	<1	<5	<10	<0.01	<1		
373	11134	otc	rep	170	4	<20	<20	2	0.18	1.00	2.93	0.01	0.07	231	4	<2	3	<1	<5	<10	<0.01	<1		
373	11135	otc	rep	132	1	<20	<20	6	0.25	1.84	6.34	0.02	0.13	187	7	<2	3	<1	<5	<10	<0.01	<1		
373	11217	otc	ran	239	7	<20	<20	6	0.32	0.19	1.02	<0.01	0.13	63	4	<2	5	<1	<5	<10	<0.01	<1		
373	11399	otc	sel	79	2	<20	<20	<1	0.06	1.29	3.34	<0.01	0.02	215	4	<2	1	<1	<5	<10	<0.01	<1		
374	11216	otc	sel	217	4	<20	<20	4	0.27	0.83	1.71	0.02	0.16	184	4	<2	4	<1	<5	<10	<0.01	<1		
375	11136	otc	rep	207	6	<20	<20	6	0.26	0.04	0.16	0.01	0.13	21	2	<2	3	<1	<5	<10	<0.01	<1		
376	11398	otc	sel	116	3	<20	<20	1	0.10	0.30	0.75	<0.01	0.05	55	1	<2	2	<1	<5	<10	<0.01	<1		
377	10650	otc	cont	176	10	<20	<20	5	0.35	0.10	0.16	0.02	0.10	78	1	<2	4	<1	<5	<10	<0.01	3		
378	10651	otc	rand	107	13	<20	<20	11	0.85	0.46	0.43	0.01	0.16	27	4	<2	9	<1	<5	<10	<0.01	2		
379	10765		slu	51	<1	<20	<20	<1	0.04	<0.01	0.01	<0.01	0.03	2	<1	<2	<1	<1	<5	<10	<0.01	<1		
379	11308		sed	12	15	<20	<20	13	0.67	0.46	0.24	<0.01	0.05	23	5	<2	8	<1	<5	<10	<0.01	<1		
379	11309		pan	323	57	<20	<20	17	2.43	1.11	0.29	0.07	0.48	35	10	4	22	<1	7	<10	0.05	<1		
379	11393	otc	sel	252	9	<20	<20	2	0.35	0.15	0.27	0.01	0.08	39	4	<2	3	<1	<5	<10	<0.01	<1		
379	11394	otc	sel	247	6	<20	<20	2	0.32	0.13	0.12	0.01	0.08	14	2	<2	3	<1	<5	<10	<0.01	<1		
380	12281		sed	27	26	<20	<20	19	1.31	1.10	1.25	<0.01	0.06	63	8	3	16	1	<5	<10	0.019	<1		
380	12282		pan	378	42	<20	<20	12	1.67	1.29	2.61	0.03	0.19	111	9	<2	17	2	<5	<10	0.023	<1		
381	11357	flt	sel	128	31	<20	<20	5	0.18	0.02	0.03	<0.01	0.07	2	<1	<2	1	<1	<5	<10	<0.01	3		
381	12539		slu	94	152	<20	40	5	0.64	0.40	1.64	0.02	0.09	52	5	<2	9	8	<5	<10	0.045	<1		
381	12540		slu	128	<1	<20	<20	<1	0.10	0.04	0.04	0.01	0.02	1	<1	8	1	<1	<5	21	<0.010	8		
382	10763		slu	91	36	<20	47	22	1.19	0.98	2.85	0.02	0.11	106	8	<2	16	<1	<5	<10	0.05	3		
383	11377	otc	sel	154	59	<20	<20	<1	3.17	3.04	2.36	0.02	0.06	46	6	<2	36	2	<5	<10	0.20	<1		
384	11355		sed	12	17	<20	<20	15	0.72	0.49	0.51	<0.01	0.05	35	6	<2	9	<1	<5	<10	<0.01	<1		
384	11356		pan	329	44	<20	<20	13	1.79	0.74	0.52	0.07	0.49	39	8	4	17	<1	5	<10	0.03	<1		
385	11380	otc	sel	115	20	<20	<20	13	0.85	0.56	0.48	0.04	0.17	34	9	<2	10	<1	<5	<10	0.01	<1		
385	11381	otc	sel	134	6	<20	<20	4	0.46	0.68	1.34	0.01	0.18	134	4	<2	4	<1	<5	<10	<0.01	<1		
385	11382	otc	sel	357	4	<20	<20	3	0.20	0.44	0.59	<0.01	0.08	58	2	<2	3	<1	<5	<10	<0.01	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
386	11353	67.48573	150.08195	Gold Bottom Gulch		sed		Wiseman B-1	NE 30	31N	11W	Fairbanks
386	11354	67.48573	150.08195	Gold Bottom Gulch		pan	2 coarse, 3 fine, 3 v fine Au	Wiseman B-1	NE 30	31N	11W	Fairbanks
387	11980	67.48665	150.08575	Hammond R	rub	rand	greenstone w/ 1-2% py	Wiseman B-1	NE 30	31N	11W	Fairbanks
388	11352	67.48618	150.08569	Hammond R	rub	rand	greenstone-schist w/ py, po	Wiseman B-1	NE 30	31N	11W	Fairbanks
389	12280	67.48637	150.08584	Hammond R	flt	sel	musc qz sch w/ mal, azur	Wiseman B-1	NE 30	31N	11W	Fairbanks
390	11329	67.48542	150.08861	Lofty Gulch		sed		Wiseman B-1	NW 30	31N	11W	Fairbanks
390	11330	67.48542	150.08861	Lofty Gulch		pan	1 v fine Au, abu mag	Wiseman B-1	NW 30	31N	11W	Fairbanks
390	11351	67.48542	150.08861	Lofty Gulch	flt	sel	greenstone w/ fine, euhedral py	Wiseman B-1	NW 30	31N	11W	Fairbanks
391	11376	67.49083	150.08905	Hammond R	otc	sel	qz vein	Wiseman B-1	SW 19	31N	11W	Fairbanks
392	11058	67.49175	150.10477	Swift Ck		pan	1 v fine Au	Wiseman B-1	SW 19	31N	12W	Fairbanks
393	11057	67.48862	150.11217	Swift Ck	otc	rep	blk qz-mica schist w/ py	Wiseman B-1	NE 25	31N	12W	Fairbanks
394	11053	67.48837	150.12150	Swift Ck		sed		Wiseman B-1	NE 25	31N	12W	Fairbanks
394	11054	67.48837	150.12150	Swift Ck		pan	tr mag, from bedrock	Wiseman B-1	NE 25	31N	12W	Fairbanks
394	11055	67.48837	150.12150	Swift Ck	otc	rand	blk qz-mica schist w/ py(?)	Wiseman B-1	NE 25	31N	12W	Fairbanks
394	11056	67.48837	150.12150	Swift Ck	flt	sel	qtz cobble w/ 1% diss py, cpy(?)	Wiseman B-1	NE 25	31N	12W	Fairbanks
394	11170	67.48837	150.12150	Swift Ck	otc	sel	qz vein	Wiseman B-1	NE 25	31N	12W	Fairbanks
395	11051	67.48140	150.13656	Swift Ck		sed		Wiseman B-1	SW 25	31N	12W	Fairbanks
395	11052	67.48140	150.13656	Swift Ck		pan	no mag, no vis Au	Wiseman B-1	SW 25	31N	12W	Fairbanks
396	11359	67.47014	150.14773	Midnight Dome	otc	sel	qz vein w/ py, lim	Wiseman B-1	NE 35	31N	12W	Fairbanks
397	10702	67.46766	150.14766	Midnight Dome	otc	sel	qtz lense w/ tr py	Wiseman B-1	SE 35	31N	12W	Fairbanks
398	11172	67.47194	150.12841	Midnight Dome	otc	sel	qz vlets w/ py-hem pseudo	Wiseman B-1	NW 36	31N	12W	Fairbanks
399	11171	67.47472	150.11932	Midnight Dome	otc	sel	3-in-wide qz vein	Wiseman B-1	NE 36	31N	12W	Fairbanks
400	11161	67.47444	150.10606	Midnight Dome	otc	rep	musc qz w/ sulfides	Wiseman B-1	NE 36	31N	12W	Fairbanks
401	11059	67.47177	150.10428	Midnight Dome	otc	sel	qz vein w/ euhedral py, lim	Wiseman B-1	NW 31	31N	12W	Fairbanks
402	11162	67.47194	150.07785	Gold Bottom Gulch	otc	sel	qz vein w/ py-hem pseudo	Wiseman B-1	NE 31	31N	11W	Fairbanks
403	11383	67.46444	150.09091	Confederate Gulch	otc	rand	qz vlets	Wiseman B-1	SW 31	31N	11W	Fairbanks
404	11384	67.46500	150.09280	Confederate Gulch	otc	sel	qz vein w/ sid, lim	Wiseman B-1	SW 31	31N	11W	Fairbanks
404	11385	67.46500	150.09280	Confederate Gulch	flt	sel	vein qz w/ lim	Wiseman B-1	SW 31	31N	11W	Fairbanks
405	11386	67.46611	150.09848	Confederate Gulch	otc	sel	qz vein	Wiseman B-1	SW 31	31N	11W	Fairbanks
406	11828	67.46620	150.10906	Confederate Gulch		sed		Wiseman B-1	SE 36	31N	12W	Fairbanks
406	11829	67.46620	150.10906	Confederate Gulch		pan	minor scatter mag, no vis Au	Wiseman B-1	SE 36	31N	12W	Fairbanks
407	11391	67.46500	150.11591	Confederate Gulch	otc	rand	qz vein w/ sid	Wiseman B-1	SE 36	31N	12W	Fairbanks
408	11389	67.46222	150.10833	Confederate Gulch	otc	sel	qz vein	Wiseman B-1	SE 36	31N	12W	Fairbanks
408	11390	67.46222	150.10833	Confederate Gulch	otc	rand	qz vein w/ sid, lim after py	Wiseman B-1	SE 36	31N	12W	Fairbanks
409	11388	67.46111	150.10833	Confederate Gulch	otc	sel	musc qz	Wiseman B-1	NE 1	30N	12W	Fairbanks
410	11387	67.46111	150.10606	Confederate Gulch	otc	sel	qz w/ lim after py	Wiseman B-1	NE 1	30N	12W	Fairbanks
411	11143	67.45556	150.10511	Union Gulch	otc	grab	blk mica schist w/ 3 % py	Wiseman B-1	NW 6	30N	11W	Fairbanks
412	11137	67.45625	150.10701	Union Gulch	flt	sel	vein qz w/ tr py, lim	Wiseman B-1	NE 1	30N	12W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
386	11353		sed	<5			<0.2	35	12	58	<1	29	16	<0.2	<5	35	<5	0.054	2.74	2228	<10	20
386	11354		pan	407.59 ppm	9	14	27.0	53	11	66	3	48	22	0.3	<5	154	<5	5.320	5.10	3452	<10	133
387	11980	rub	rand	<5			<0.2	57	<2	43	<1	89	24	<0.2	<5	44	<5	<0.010	4.33	690	12	19
388	11352	rub	rand	<5			<0.2	79	<2	44	<1	88	25	<0.2	<5	23	<5	<0.010	4.09	677	<10	9
389	12280	flt	sel	8			0.8	7440	16	27	4	18	10	<0.2	<5	5	5	0.074	1.65	578	<10	658
390	11329		sed	<5			<0.2	28	11	57	<1	26	14	<0.2	<5	38	<5	0.075	2.30	1970	<10	42
390	11330		pan	13.33 ppm	16	14	0.8	62	12	74	4	60	23	0.6	<5	176	<5	0.540	0.04	9063	<10	107
390	11351	flt	sel	<5			<0.2	44	19	58	1	43	21	<0.2	<5	45	<5	0.019	2.42	2729	<10	48
391	11376	otc	sel	23			<0.2	8	18	1	1	14	6	4.1	<5	2127	18	0.034	1.24	714	<10	14
392	11058		pan	5869	5	2	<0.2	75	6	159	3	47	22	1.3	<5	520	55	1.070	5.56	2355	<10	130
393	11057	otc	rep	29			0.3	51	10	53	1	26	11	2.6	<5	874	11	0.033	3.39	1062	<10	45
394	11053		sed	4			<0.2	23	6	44	<1	23	13	<0.2	<5	27	<5	0.027	2.16	2040	<10	15
394	11054		pan	25	11	3	<0.2	72	5	139	4	38	26	0.9	<5	344	168	4.285	6.32	1864	<10	226
394	11055	otc	rand	3			0.2	24	4	99	2	77	26	<0.2	<5	31	<5	0.034	5.56	1694	<10	43
394	11056	flt	sel	8			<0.2	76	123	34	6	19	12	<0.2	<5	10	<5	<0.010	1.23	790	<10	123
394	11170	otc	sel	<5			<0.2	11	301	39	4	19	4	<0.2	<5	18	148	0.041	3.73	2590	<10	7
395	11051		sed	5			<0.2	33	8	51	1	31	16	<0.2	<5	28	<5	0.045	2.54	2679	<10	22
395	11052		pan	5	<5	1	<0.2	54	8	92	4	44	23	<0.2	<5	73	143	0.031	4.78	1587	<10	114
396	11339	otc	sel	6			<0.2	12	<2	50	2	19	12	<0.2	<5	50	19	0.086	2.62	1838	<10	3
397	10702	otc	sel	11			0.6	152	29	76	1	12	6	0.6	<5	25	7	0.152	3.06	10816	<10	46
398	11172	otc	sel	37			<0.2	4	6	30	6	18	6	<0.2	<5	26	6	0.025	2.09	3298	<10	25
399	11171	otc	sel	11			<0.2	3	<2	4	3	15	2	<0.2	<5	9	21	0.034	0.43	154	<10	6
400	11161	otc	ran	<5			<0.2	16	<2	20	4	22	4	<0.2	<5	6	<5	0.261	0.81	399	<10	29
401	11059	otc	sel	62			<0.2	19	4	51	2	26	14	<0.2	<5	70	8	0.595	2.93	2526	<10	79
402	11162	otc	sel	610			<0.2	55	6	24	3	36	14	<0.2	<5	28	22	0.320	2.13	1610	<10	166
403	11383	otc	rand	27			0.5	6	37	43	2	57	9	0.3	<5	88	7	0.016	4.65	1753	<10	20
404	11384	otc	sel	11			0.2	21	3	37	2	25	6	<0.2	<5	49	6	0.014	3.19	962	<10	30
404	11385	flt	sel	<5			0.3	25	5	53	1	72	10	<0.2	<5	55	13	0.021	5.16	1188	<10	24
405	11386	otc	sel	11			<0.2	11	7	48	2	20	7	<0.2	<5	30	6	0.021	2.16	817	<10	19
406	11828		sed	<5			<0.2	21	9	51	<1	23	13	<0.2	<5	10	<5	0.020	2.54	1822	<10	18
406	11829		pan				<0.2	34	8	77	4	43	21	<0.2	<5	24	<5	0.015	4.99	1638	<10	31
407	11391	otc	rand	<5			0.9	<1	9	13	<1	3	<1	<0.2	<5	19	<5	0.014	1.13	281	<10	22
408	11389	otc	sel	13			<0.2	48	13	29	2	27	10	0.6	<5	101	28	0.025	1.58	1943	<10	25
408	11390	otc	rand	<5			<0.2	37	<2	29	2	28	19	0.2	<5	47	6	0.032	2.94	1278	<10	26
409	11388	otc	sel	33			<0.2	8	9	21	3	10	3	<0.2	<5	8	<5	<0.010	2.51	2518	<10	4
410	11387	otc	sel	9			<0.2	6	<2	24	2	16	5	2.9	<5	591	<5	0.026	1.65	1649	<10	27
411	11143	otc	grab	5			<0.2	31	7	89	1	33	14	<0.2	<5	10	<5	0.019	4.43	463	<10	61
412	11137	flt	sel	13			<0.2	20	5	13	2	15	7	3.1	<5	1023	12	<0.010	0.65	1933	<10	3

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
386	11353		sed	10	14	<20	<20	12	0.51	0.45	0.80	<0.01	0.04	43	6	<2	7	<1	<5	<10	<0.01	<1		
386	11354		pan	373	42	<20	<20	12	1.38	0.70	0.89	0.08	0.29	50	11	<2	13	<1	5	<10	0.03	<1		
387	11980	rub	rand	186	49	<20	<20	1	2.95	2.70	1.81	0.03	0.04	32	7	3	22	2	<5	<10	0.34	<1		
388	11352	rub	rand	147	46	<20	<20	<1	2.79	2.78	2.13	0.03	0.02	27	6	<2	21	<1	<5	<10	0.22	<1		
389	12280	flt	sel	107	15	<20	<20	8	0.35	0.17	0.11	0.01	0.13	413	6	<2	3	2	<5	<10	0.042	<1		
390	11329		sed	10	15	<20	<20	10	0.59	0.35	0.39	<0.01	0.04	25	5	<2	8	<1	<5	<10	<0.01	<1		
390	11330		pan	454	71	<20	<20	15	1.39	0.81	0.44	0.06	0.30	47	28	<2	11	<1	10	<10	0.03	<1		
390	11351	flt	sel	66	20	<20	<20	11	1.06	0.62	0.31	0.02	0.11	14	4	<2	9	<1	<5	<10	<0.01	<1		
391	11376	otc	sel	345	4	<20	<20	3	0.24	0.31	0.61	<0.01	0.07	47	1	<2	3	<1	<5	<10	<0.01	<1		
392	11058		pan	315	43	<20	<20	15	2.13	0.87	0.49	0.09	0.50	42	7	3	19	<1	6	<10	<0.01	<1		
392	11057	otc	rep	64	9	<20	<20	5	0.94	0.97	5.46	0.02	0.30	270	8	<2	12	<1	<5	<10	<0.01	<1		
394	11053		sed	8	9	<20	<20	11	0.36	0.25	0.24	<0.01	0.02	17	4	<2	4	<1	<5	<10	<0.01	<1		
394	11054		pan	488	53	<20	<20	23	3.36	0.43	0.27	0.07	1.02	43	8	4	22	<1	7	<10	<0.01	<1		
394	11055	otc	rand	121	24	<20	<20	9	0.72	1.82	3.52	0.03	0.26	131	6	<2	10	<1	<5	<10	<0.01	<1		
394	11056	flt	sel	207	11	<20	<20	4	0.61	0.49	0.26	0.02	0.06	9	3	<2	5	<1	<5	<10	0.03	<1		
394	11170	otc	sel	249	2	<20	<20	<1	0.06	0.96	3.33	<0.01	0.04	378	12	<2	<1	<1	<5	<10	<0.01	<1		
395	11051		sed	14	11	<20	<20	10	0.49	0.32	0.34	<0.01	0.03	22	5	<2	5	<1	<5	<10	<0.01	<1		
395	11052		pan	287	28	<20	<20	15	1.29	0.37	0.17	0.04	0.30	23	6	<2	11	<1	<5	<10	<0.01	<1		
396	11359	otc	sel	154	5	<20	<20	2	0.09	2.17	5.87	<0.01	0.03	506	5	<2	<1	<1	<5	<10	<0.01	<1		
397	10702	otc	sel	20	6	<20	<20	13	0.45	3.93	>10.00	0.05	0.22	244	20	<2	1	3	<5	<10	<0.01	2		
398	11172	otc	sel	177	11	<20	<20	4	0.31	0.68	1.94	0.03	0.11	138	3	<2	2	<1	<5	<10	<0.01	<1		
399	11171	otc	sel	341	<1	<20	<20	<1	0.03	<0.01	0.01	<0.01	0.01	2	<1	<2	<1	<1	<5	<10	<0.01	<1		
400	11161	otc	rep	367	4	<20	<20	1	0.15	0.10	0.21	0.01	0.05	19	<1	<2	1	<1	<5	<10	<0.01	<1		
401	11059	otc	sel	215	8	<20	<20	7	0.40	0.55	1.13	0.03	0.22	86	4	<2	2	<1	<5	<10	<0.01	<1		
402	11162	otc	sel	268	12	<20	<20	8	0.47	0.23	0.29	0.02	0.22	49	4	<2	3	<1	<5	<10	<0.01	<1		
403	11383	otc	rand	123	16	<20	<20	1	1.11	2.74	8.11	0.02	0.17	476	13	<2	19	<1	<5	<10	<0.01	<1		
404	11384	otc	sel	78	10	<20	<20	1	0.94	1.73	4.81	0.02	0.21	229	10	<2	6	<1	<5	<10	<0.01	<1		
404	11385	flt	sel	112	23	<20	<20	<1	1.77	3.49	5.93	0.01	0.18	288	6	<2	32	<1	5	<10	<0.01	<1		
405	11386	otc	sel	199	9	<20	<20	5	0.72	0.35	0.70	0.02	0.12	61	3	<2	7	<1	<5	<10	<0.01	<1		
406	11828		sed	10	10	<20	<20	18	0.72	0.45	0.27	<0.01	0.04	19	6	<2	8	<1	<5	<10	<0.01	<1		
406	11829		pan	263	26	<20	<20	14	1.24	0.64	0.26	0.03	0.23	45	6	<2	14	<1	<5	<10	<0.01	5		
407	11391	otc	rand	24	2	<20	<20	<1	0.10	0.40	>10.00	<0.01	0.06	1029	8	<2	<1	<1	<5	<10	<0.01	<1		
408	11389	otc	sel	175	5	<20	<20	4	0.31	0.26	0.63	0.01	0.13	34	2	<2	2	<1	<5	<10	<0.01	<1		
408	11390	otc	rand	143	12	<20	<20	10	0.52	0.28	0.19	0.01	0.13	12	3	<2	4	<1	<5	<10	<0.01	<1		
409	11388	otc	sel	175	2	<20	<20	1	0.20	0.93	3.23	<0.01	0.03	333	26	<2	3	<1	<5	<10	<0.01	<1		
410	11387	otc	sel	180	3	<20	<20	2	0.22	0.60	1.32	0.01	0.12	95	2	<2	1	<1	<5	<10	<0.01	<1		
411	11143	otc	grab	39	13	<20	<20	10	1.66	0.90	1.56	0.02	0.32	74	5	<2	28	<1	<5	<10	<0.01	<1		
412	11137	flt	sel	286	<1	<20	<20	<1	0.02	0.09	0.35	<0.01	<0.01	20	<1	<2	<1	<1	<5	<10	<0.01	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
412	11138	67.45694	150.10901	Union Gulch		sed		Wiseman B-1	NE 1	30N	12W	Fairbanks
413	11139	67.45694	150.10901	Union Gulch		pan	1 v fine Au, 1 py cube, abu mag	Wiseman B-1	NE 1	30N	12W	Fairbanks
414	11140	67.45833	150.11174	Union Gulch		pan	abu mag	Wiseman B-1	NE 1	30N	12W	Fairbanks
415	11141	67.45972	150.11837	Union Gulch		pan	mod sulfides, abu mag	Wiseman B-1	NE 1	30N	12W	Fairbanks
415	11142	67.45972	150.11837	Union Gulch		sed		Wiseman B-1	NE 1	30N	12W	Fairbanks
416	10703	67.46100	150.15188	Midnight Dome	trn	sel	massive stb w/ yellow alt mineral	Wiseman B-1	SE 35	31N	12W	Fairbanks
416	10704	67.46100	150.15188	Midnight Dome	rub	sel	qz vist w/ <1% py, lim	Wiseman B-1	SE 35	31N	12W	Fairbanks
417	11349	67.46028	150.17735	Midnight Dome	otc	sel	qz vein	Wiseman B-1	NW 22	30N	12W	Fairbanks
418	10709	67.45972	150.16667	Midnight Dome	rub	sel	schistose qtz w/ py, lim	Wiseman B-1	NW 2	31N	12W	Fairbanks
419	11350	67.45936	150.16439	Midnight Dome	flt	rand	vein qz	Wiseman B-1	NW 22	30N	12W	Fairbanks
420	10706	67.45910	150.16390	Midnight Dome	otc	sel	qz mica schist w/ 5% py	Wiseman B-1	NE 2	31N	12W	Fairbanks
420	10707	67.45910	150.16390	Midnight Dome	otc	rand	carb-qz lense w/in schist	Wiseman B-1	NE 2	31N	12W	Fairbanks
420	10708	67.45910	150.16390	Midnight Dome	flt	sel	vein qz w/ py, mal, lim	Wiseman B-1	NE 2	31N	12W	Fairbanks
420	11358	67.45910	150.16390	Midnight Dome	otc	rand	qz vein w/ py, lim	Wiseman B-1	NW 2	30N	12W	Fairbanks
421	10705	67.45976	150.15570	Midnight Dome	flt	sel	vein qz w/ unknown metallic, lim	Wiseman B-1	NE 2	31N	12W	Fairbanks
422	11173	67.45694	150.14659	Midnight Dome	otc	sel	qz vein w/ py voids	Wiseman B-1	NE 2	31N	12W	Fairbanks
422	12302	67.45524	150.14673	Midnight Dome	otc	sel	qz vein w/ box, ank, mod lim	Wiseman B-1	NE 2	30N	12W	Fairbanks
423	12303	67.45486	150.14456	Midnight Dome	flt	sel	mica sch w/ 5% py, box, lim	Wiseman B-1	NE 2	30N	12W	Fairbanks
424	11174	67.45333	150.13598	Midnight Dome	flt	grab	vein qz w/ sid, py	Wiseman B-1	SW 1	30N	12W	Fairbanks
425	11373	67.44903	150.13163	Peak 3415	flt	rand	vein qz w/ sid	Wiseman B-1	SW 1	30N	12W	Fairbanks
426	11375	67.44750	150.12727	Peak 3415	otc	sel	qz vein w/ py, sid, hem, lim	Wiseman B-1	SW 1	30N	12W	Fairbanks
427	11374	67.44667	150.13068	Peak 3415	otc	sel	meta qz	Wiseman B-1	SW 1	30N	12W	Fairbanks
428	11732	67.44704	150.16023	Drinking Cup Gulch		sed		Wiseman B-1	SE 2	30N	12W	Fairbanks
429	11733	67.44624	150.16628	Drinking Cup Gulch		pan	minor mag, no vis Au	Wiseman B-1	NE 11	30N	12W	Fairbanks
429	11734	67.44624	150.16628	Drinking Cup Gulch		pan	abu fine med grained mag	Wiseman B-1	NE 11	30N	12W	Fairbanks
430	11895	67.41578	150.23107	Jap Ck		pan	tr mag, no vis Au	Wiseman B-1	NE 21	30N	12W	Fairbanks
430	11896	67.41689	150.23161	Jap Ck		pan	tr mag, minor py, no vis Au	Wiseman B-1	NE 21	30N	12W	Fairbanks
431	11845	67.37484	150.15561	Moose Ck		sed		Wiseman B-1	SE 35	30N	12W	Fairbanks
431	11846	67.37484	150.15561	Moose Ck		pan	tr mag, no vis Au	Wiseman B-1	SE 35	30N	12W	Fairbanks
432	11818	67.39042	150.14279	Cow Ck		sed		Wiseman B-1	SE 26	30N	12W	Fairbanks
432	11819	67.39042	150.14279	Cow Ck		pan	minor sulfides, no mag, no vis Au	Wiseman B-1	SE 26	30N	12W	Fairbanks
433	11735	67.41889	150.13521	Wiseman Ck		sed		Wiseman B-1	SW 13	30N	12W	Fairbanks
433	11736	67.41889	150.13521	Wiseman Ck		pan	tr mag, no vis Au	Wiseman B-1	SW 13	30N	12W	Fairbanks
434	11954	67.42015	150.08207	Minnie Ck Bluff		pan	no mag, no vis Au	Wiseman B-1	SE 18	30N	11W	Fairbanks
434	11955	67.42015	150.08207	Minnie Ck Bluff		pan	no mag, no vis Au	Wiseman B-1	SE 18	30N	11W	Fairbanks
435	11837	67.41607	150.04424	Minnie Ck		sed		Wiseman B-1	NE 20	30N	11W	Fairbanks
435	11838	67.41607	150.04424	Minnie Ck		pan	4 v fine, 1 fine Au, minor mag	Wiseman B-1	NE 20	30N	11W	Fairbanks
436	11952	67.41438	150.02403	Minnie Ck		pan	1 coarse, 3 fine Au; no mag	Wiseman B-1	NW 21	30N	11W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
413	11138		sed	6			<0.2	23	7	54	<1	23	13	<0.2	<5	36	5	0.102	2.65	1021	<10	12
413	11139		pan	1471	<5	3	<0.2	98	8	188	4	52	27	<0.2	<5	72	<5	0.099	>10.00	1332	<10	108
414	11140		pan	17.24 ppm	<5	2	0.7	54	8	152	4	74	40	0.4	<5	209	<5	0.330	>10.00	933	<10	68
415	11141		pan	1559	9	5	<0.2	79	11	346	4	54	40	0.3	<5	128	<5	0.130	>10.00	1219	<10	114
415	11142		sed	2			<0.2	24	6	57	<1	24	13	<0.2	<5	43	<5	0.039	2.79	887	<10	13
416	10703	trn	sel	14			<0.2	25	<2	24	<1	<1	2	2.5	<5	<5	33.13%	26.468	0.26	199	14	11
416	10704	rub	sel	37			<0.2	50	61	33	1	18	7	0.2	<5	46	25	1.020	2.05	980	<10	54
417	11349	otc	sel	<5			<0.2	7	<2	37	3	26	13	<0.2	<5	19	8	0.113	1.49	1575	<10	34
418	10709	rub	sel	<5			<0.2	27	32	15	6	16	5	<0.2	<5	15	31	0.044	0.92	1463	<10	81
419	11350	flt	rand	<5			0.3	34	99	4	1	7	1	<0.2	<5	<5	<5	0.047	0.45	160	<10	2
420	10706	otc	sel	<5			<0.2	67	36	66	2	37	39	<0.2	<5	15	<5	0.048	3.75	7765	<10	31
420	10707	otc	rand	<5			0.3	17	13	23	2	10	6	<0.2	<5	8	<5	0.019	1.87	10141	<10	9
420	10708	flt	sel	179			0.6	1468	35	34	2	9	4	0.2	<5	16	230	5.090	0.68	388	<10	2
420	11358	otc	rand	**532**			<0.2	67	7	33	<1	37	19	<0.2	<5	44	29	0.232	2.70	2556	<10	49
421	10705	flt	sel	<5			<0.2	62	6	25	3	16	3	<0.2	<5	33	7	0.046	0.56	574	<10	6
422	11173	otc	sel	291			<0.2	8	87	21	3	26	16	0.7	<5	317	30	0.010	0.90	492	<10	15
422	12302	otc	sel	350			1.5	30	658	13	4	14	4	1.5	12	413	603	0.014	0.80	314	<10	37
423	12303	flt	sel	7			<0.2	139	62	87	4	24	13	0.4	<5	143	62	0.038	7.75	653	<10	199
424	11174	flt	grab	18			0.2	30	64	14	3	14	3	<0.2	<5	15	43	0.039	1.69	1213	<10	6
425	11373	flt	rand	<5			<0.2	4	<2	19	1	16	4	<0.2	<5	<5	158	<0.010	1.55	760	<10	15
426	11375	otc	sel	19			<0.2	12	<2	16	41	10	3	0.4	<5	38	1101	0.010	1.51	348	<10	10
427	11374	otc	sel	<5			<0.2	13	<2	2	3	13	1	<0.2	<5	<5	28	<0.010	0.39	234	<10	8
428	11732		sed	7			<0.2	49	11	63	1	36	22	<0.2	<5	22	<5	0.046	3.54	1395	<10	33
429	11733		pan	6	<5	1	<0.2	22	7	51	2	25	10	0.3	<5	7	<5	0.018	3.56	1114	<10	48
429	11734		pan	41	<5	<1	<0.2	26	8	64	<1	43	17	0.3	<5	37	<5	0.013	>10.00	1065	<10	67
430	11895		pan	7	8	5	<0.2	44	9	123	4	88	31	1.1	<5	10	<5	0.019	4.38	611	<10	105
430	11896		pan	23	<5	3	<0.2	31	8	101	3	69	25	0.7	<5	16	<5	0.012	4.62	969	<10	63
431	11845		sed	<5			<0.2	40	11	65	<1	36	14	0.4	<5	7	<5	0.709	3.64	466	<10	34
431	11846		pan	12	<5	6	<0.2	44	20	86	5	55	23	0.3	<5	14	<5	1.006	5.49	478	<10	99
432	11818		sed	<5			<0.2	75	11	119	1	65	28	1	<5	12	<5	0.352	3.82	706	<10	26
432	11819		pan				<0.2	49	17	110	2	70	30	0.7	<5	12	<5	0.145	5.68	620	<10	36
433	11735		sed	<5			<0.2	27	8	67	<1	31	17	<0.2	<5	18	<5	0.034	3.41	1345	<10	21
433	11736		pan	8	<5	<1	<0.2	30	14	69	2	41	16	0.4	<5	23	<5	0.020	4.17	1489	<10	69
434	11954		pan	27	<5	<1	<0.2	21	16	44	1	22	9	0.3	<5	13	<5	0.032	2.89	1112	<10	48
434	11955		pan	23	<5	1	<0.2	25	10	48	3	21	8	0.2	<5	10	<5	0.028	2.92	1071	<10	30
435	11837		sed	<5			<0.2	36	11	79	<1	34	14	0.3	<5	11	<5	0.013	3.49	588	<10	23
435	11838		pan	14.03 ppm	8	5	0.5	29	11	109	2	43	17	0.3	<5	14	<5	0.109	4.73	713	<10	81
436	11952		pan	**51.99 ppm**	<5	<1	3.8	31	11	126	2	44	16	0.5	<5	12	<5	0.187	4.99	823	<10	107

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
413	11138		sed	13	14	<20	<20	16	1.03	0.73	0.30	<0.01	0.04	22	8	<2	12	<1	<5	<10	<0.01	<1		
413	11139		pan	249	124	<20	<20	17	2.40	0.87	0.20	0.12	0.61	36	9	<2	22	<1	6	<10	0.06	<1		
414	11140		pan	220	297	<20	<20	16	1.52	0.47	0.10	0.11	0.43	26	7	<2	15	<1	<5	<10	0.04	<1		
415	11141		pan	334	123	<20	<20	15	2.49	0.82	0.14	0.14	0.66	32	9	<2	22	<1	6	<10	0.07	<1		
415	11142		sed	15	15	<20	<20	16	1.12	0.79	0.25	<0.01	0.04	18	8	<2	13	<1	<5	<10	<0.01	<1		
416	10703	trn	sel	80	<1	<20	29	<1	0.20	<0.01	0.04	<0.01	0.03	3	<1	<2	21	<1	<5	<10	<0.01	<1		
416	10704	rub	sel	201	6	<20	<20	11	0.41	0.05	0.10	0.01	0.26	14	3	<2	7	<1	<5	<10	<0.01	1		
417	11349	otc	sel	206	5	<20	<20	5	0.28	0.05	0.16	0.01	0.12	18	2	<2	2	<1	<5	<10	<0.01	2		
418	10709	rub	sel	183	3	<20	<20	4	0.31	0.17	0.69	0.02	0.08	34	2	<2	1	<1	<5	<10	<0.01	<1		
419	11350	flt	rand	208	1	<20	<20	<1	0.07	0.04	0.12	<0.01	<0.01	9	<1	<2	<1	<1	<5	<10	<0.01	1		
420	10706	otc	sel	137	18	<20	<20	14	1.22	0.98	0.82	0.04	0.26	39	6	<2	18	<1	<5	<10	0.03	4		
420	10707	otc	rand	83	4	<20	<20	7	0.14	1.76	4.54	0.02	0.08	357	5	<2	2	1	<5	<10	<0.01	1		
420	10708	flt	sel	270	<1	<20	<20	<1	0.03	0.09	0.24	<0.01	0.01	8	<1	<2	<1	<1	<5	<10	<0.01	<1		
420	11358	otc	rand	140	10	<20	<20	7	0.38	0.55	0.91	0.02	0.14	77	3	<2	3	<1	<5	<10	<0.01	1		
421	10705	flt	sel	246	2	<20	<20	1	0.13	0.05	0.10	<0.01	0.03	5	2	<2	1	<1	<5	<10	<0.01	1		
422	11173	otc	sel	271	7	<20	<20	4	0.32	0.21	0.08	0.01	0.08	11	1	<2	3	<1	<5	<10	<0.01	<1		
422	12302	otc	sel	134	3	<20	<20	2	0.09	0.06	0.20	<0.01	0.07	26	1	<2	<1	<1	<5	<10	<0.010	<1		
423	12303	flt	sel	74	32	<20	<20	12	1.91	1.07	0.02	0.02	0.18	14	2	<2	22	<1	<5	<10	<0.010	<1		
424	11174	flt	grab	268	2	<20	<20	<1	0.18	0.47	1.84	<0.01	0.03	80	3	<2	2	<1	<5	<10	<0.01	<1		
425	11373	flt	rand	228	8	<20	<20	4	0.71	0.52	3.87	<0.01	0.08	233	7	<2	8	<1	<5	<10	<0.01	1		
426	11375	otc	sel	117	2	<20	<20	4	0.15	0.19	>10.00	<0.01	0.08	1340	8	<2	<1	<1	<5	<10	<0.01	3		
427	11374	otc	sel	276	2	<20	<20	<1	0.06	0.04	0.14	<0.01	0.01	8	<1	<2	<1	<1	<5	<10	<0.01	1		
428	11732		sed	23	22	<20	<20	17	1.45	0.93	0.27	<0.01	0.06	24	6	<2	18	1	<5	<10	0.01	<1		
429	11733		pan	152	32	<20	<20	8	1.21	1.06	6.04	0.04	0.19	215	7	3	14	1	<5	<10	0.05	2		
429	11734		pan	237	88	<20	<20	11	1.40	0.91	1.42	0.05	0.22	55	6	6	14	5	<5	<10	0.04	<1		
430	11895		pan	207	33	<20	<20	62	1.78	1.26	3.22	0.04	0.24	112	36	<2	28	2	<5	<10	0.06	6		
430	11896		pan	162	31	<20	<20	31	1.64	1.17	3.32	0.04	0.16	106	20	<2	27	1	<5	<10	0.04	3		
431	11845		sed	9	10	<20	<20	16	0.59	1.33	4.73	<0.01	0.03	117	12	<2	10	<1	<5	<10	0.01	2		
431	11846		pan	227	26	<20	<20	15	1.43	1.31	3.83	0.06	0.25	148	12	<2	20	<1	<5	<10	0.03	7		
432	11818		sed	10	13	<20	<20	32	0.72	0.69	2.81	<0.01	0.04	74	19	<2	10	<1	<5	<10	<0.01	<1		
432	11819		pan	152	29	<20	<20	17	1.42	1.39	5.52	0.08	0.21	236	13	<2	17	<1	<5	<10	0.05	4		
433	11735		sed	17	23	<20	<20	18	1.14	0.92	1.20	<0.01	0.05	50	10	<2	15	<1	<5	<10	0.03	<1		
433	11736		pan	226	35	<20	<20	12	1.47	0.99	2.77	0.04	0.20	94	11	3	19	2	<5	<10	0.06	2		
434	11954		pan	152	25	<20	<20	7	1.02	0.83	6.14	0.04	0.18	246	7	3	12	1	<5	<10	0.02	2		
434	11955		pan	202	24	<20	<20	7	1.00	0.62	4.91	0.03	0.16	157	7	3	12	1	<5	<10	0.02	3		
435	11837		sed	16	20	<20	<20	16	1.16	0.85	1.88	<0.01	0.04	54	9	3	19	<1	<5	<10	0.01	2		
435	11838		pan	197	35	<20	<20	17	2.01	0.99	0.81	0.06	0.26	36	11	3	30	1	<5	<10	0.02	7		
436	11952		pan	225	45	<20	<20	18	2.43	0.98	0.50	0.10	0.34	27	12	6	29	2	5	<10	0.05	6		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
436	11951	67.41438	150.02403	Minnie Ck		pan	4 fine Au, no mag, 1 gar	Wiseman B-1	NW 21	30N	11W	Fairbanks
437	11655	67.48586	149.97108	Unnamed Ck		sed		Chandalar B-6	NE 27	31N	11W	Fairbanks
437	11656	67.48586	149.97108	Unnamed Ck		pan	no mag	Chandalar B-6	NE 27	31N	11W	Fairbanks
438	11741	67.49867	150.01742	Jennie Ck		sed		Wiseman B-1	NW 21	31N	11W	Fairbanks
438	11742	67.49867	150.01742	Jennie Ck		pan	mod coarse mag, no vis Au	Wiseman B-1	NW 21	31N	11W	Fairbanks
438	11743	67.49798	150.02219	Jennie Ck		pan	tr mag, no vis Au	Wiseman B-1	C 21	31N	11W	Fairbanks
439	12300	67.53136	150.11561	Canyon Ck		sed		Wiseman C-1	SE 1	31N	12W	Fairbanks
439	12301	67.53136	150.11561	Canyon Ck		pan	no mag, no vis Au	Wiseman C-1	SE 1	31N	12W	Fairbanks
440	8022	67.57805	150.13938	Grotto Mtn	otc	grab	carbonaceous slate	Wiseman C-1	SW 24	32N	12W	Fairbanks
441	8021	67.59533	150.15162	Grotto Mtn	flt	grab	vein qz w/ schist breccia, ank	Wiseman C-1	SE 14	32N	12W	Fairbanks
442	8032	67.62583	149.97833	Vi Ck	otc	sel	qz vein w/ <1% cpy, gn	Chandalar C-6	SW 3	32N	11W	Fairbanks
442	8033	67.62443	149.98765	Vi Ck	flt	sel	vein qz w/ <1% cpy, gn	Chandalar C-6	SW 3	32N	11W	Fairbanks
443	8031	67.68545	150.14350	Sleepy Ck	rub	grab	graphitic schist w/ qz, lim boy	Wiseman C-1	NE 13	33N	12W	Fairbanks
444	10875	67.68527	149.90165	Kalhabuk Ck		sed		Chandalar C-6	NW 18	33N	10W	Fairbanks
444	10876	67.68527	149.90165	Kalhabuk Ck		pan	mod sulfides, no vis Au	Chandalar C-6	NW 18	33N	10W	Fairbanks
444	10877	67.68527	149.90165	Kalhabuk Ck	flt	sel	schist w/ 1% py	Chandalar C-6	NW 18	33N	10W	Fairbanks
445	12407	67.70472	149.71119	Disaster Ck		sed		Chandalar C-6	NW 12	33N	10W	Fairbanks
445	12408	67.70472	149.71119	Disaster Ck		pan	no vis Au, no mag minor	Chandalar C-6	NW 12	33N	10W	Fairbanks
446	11082	67.66403	149.65429	Brockman Ck		pan	minor sulfides from outbank	Chandalar C-6	NE 30	33N	9W	Fairbanks
447	11083	67.66010	149.66298	Brockman Ck		pan	tr sulfides	Chandalar C-6	NE 30	33N	9W	Fairbanks
448	8034	67.61922	149.61233	Wiehl Mtn	otc	grab	felt w/ lim, <1% po, tr cpy	Chandalar C-6	NW 8	33N	9W	Fairbanks
449	8049	67.64808	149.50617	Wiehl Mtn	rub	sel	qz vein in schist w/ <1% gn	Chandalar C-6	NE 35	33N	9W	Fairbanks
450	11646	67.65650	149.51091	Mathews R lode	flt	sel	vein qz w/ 1% gn, cpy, and spy	Chandalar D-6	NW 26	33N	9W	Fairbanks
450	11647	67.65650	149.51091	Mathews R lode	flt	sel	vein qz w/ diss gn, cpy, po, lim	Chandalar D-6	NW 26	33N	9W	Fairbanks
450	11648	67.65650	149.51091	Mathews R lode	flt	sel	vein qz w/ gn, cpy, and py	Chandalar D-6	NW 26	33N	9W	Fairbanks
451	11152	67.67193	149.54110	Brockman Ck	otc	ran	Skajit ls w/ 3% py	Chandalar C-6	NE 22	33N	9W	Fairbanks
451	11153	67.67193	149.54110	Brockman Ck		sed		Chandalar C-6	NE 22	33N	9W	Fairbanks
451	11154	67.67193	149.54110	Brockman Ck		pan	1 v fine Au(?), no mag	Chandalar C-6	NE 22	33N	9W	Fairbanks
452	11192	67.67378	149.55756	Brockman Ck	otc	ran	graphitic calc schist w/ 2% py	Chandalar C-6	NW 22	33N	9W	Fairbanks
453	11193	67.67652	149.56986	Brockman Ck		pan	mod euhedral py	Chandalar C-6	NW 22	33N	9W	Fairbanks
454	12404	67.70097	149.56558	Brockman Ck trib		pan	tr VF Au, no mag	Chandalar C-6	NW 10	33N	9W	Fairbanks
454	12405	67.70370	149.56864	Brockman Ck		sed		Chandalar C-6	NW 10	33N	9W	Fairbanks
454	12406	67.70370	149.56864	Brockman Ck		pan	minor fine sulfides	Chandalar C-6	NW 10	33N	9W	Fairbanks
455	11085	67.73758	149.69360	Snowden Ck	flt	sel	ls w/ qz, cal, py, cpy	Chandalar C-6	C 25	34N	10W	Fairbanks
456	11084	67.73758	149.70449	Snowden Ck	otc	sel	ls w/ cal vein	Chandalar C-6	SW 25	34N	10W	Fairbanks
457	11086	67.74265	149.72110	Snowden Ck	flt	sel	qz-ch schist w/ 5% euhedral py	Chandalar C-6	NW 25	34N	10W	Fairbanks
458	11150	67.75464	149.70498	Snowden Mtn	rub	sel	ca-gypsum vein w/ euhedral py	Chandalar D-6	NE 24	34N	10W	Fairbanks
458	11151	67.75502	149.71037	Snowden Mtn	otc	sel	ca-gypsum vein w/ euhedral py	Chandalar C-6	SE 24	34N	10W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
436	11653		pan	24.44 ppm	<5	<1	1.5	36	1314	118	3	50	18	0.5	<5	19	<5	0.087	6.11	1173	<10	116
437	11655		sed	<5			<0.2	31	6	63	<1	28	17	<0.2	<5	29	<5	0.022	4.34	1496	<10	14
437	11656		pan	5	<5	1	<0.2	35	9	83	1	37	18	0.5	<5	46	<5	0.030	5.77	1469	<10	63
438	11741		sed	<5			<0.2	34	9	87	1	32	20	<0.2	<5	14	<5	0.024	4.80	1130	<10	27
438	11742		pan	5	<5	1	<0.2	50	10	101	2	43	20	0.5	<5	28	<5	0.021	6.50	1723	<10	75
438	11743		pan	5	<5	<1	<0.2	39	112	86	2	36	18	0.5	<5	65	<5	0.016	6.30	1546	<10	78
439	12300		sed	6			<0.2	39	9	85	<1	32	18	0.5	<5	9	<5	0.013	4.66	1309	<10	23
439	12301		pan	<5	<5	1	<0.2	36	10	103	2	35	19	0.2	<5	7	<5	0.018	6.00	1479	<10	47
440	8022	otc	grab	<5			<5			<200	36	<20	<10	<10		31	30.7		0.8		<20	460
441	8021	flt	grab	<5			<5			<200	11	<20	<10	<10		4	13.0		1.4		<20	<100
442	8032	otc	sel	<5			<5			<200	22	160	52	<15		140	356.0		1.4		<20	<100
442	8033	flt	sel	<5			<5			580	<2	<20	<10	<10		35	151.0		1.0		<20	<100
443	8031	rub	grab	<65			<13			<480	18	<90	<10	<74		327	2060.0		1.1		<290	4700
444	10875		sed	<5			<0.2	32	10	94	1	29	10	0.7	<5	9	<5	0.051	2.94	461	<10	27
444	10876		pan	18	<5	<1	0.2	66	145	84	2	43	25	0.4	<5	37	<5	0.082	7.05	547	<10	13
444	10877	flt	sel	<5			<0.2	21	3	56	<1	15	13	<0.2	<5	78	5	0.023	5.01	5658	<10	37
445	12407		sed	<5			<0.2	49	10	99	2	48	23	0.3	<5	13	<5	0.039	4.79	1879	<10	25
445	12408		pan	1929	<5	1	<0.2	55	10	120	2	56	25	0.2	<5	12	<5	0.035	6.67	3492	<10	95
446	11082		pan	16	<5	3	0.7	51	4	141	3	23	10	<0.2	<5	22	6	0.030	5.51	668	<10	97
447	11083		pan	12	5	2	<0.2	37	4	105	3	31	18	<0.2	<5	13	5	0.011	5.30	1640	<10	71
448	8034	otc	grab	<5			<5			<200	<2	42	11	<10		85	220.0		3.6		<20	<100
449	8049	rub	sel	<5			<5			<200	16	<20	<10	<10		6	19.0		1.0		<20	310
450	11646	flt	sel	85			1.4	329	700	366	1	11	5	12.3	<5	5017	74	0.875	1.34	43	<10	2
450	11647	flt	sel	7			0.4	32	240	254	1	7	<1	2.5	<5	353	11	0.313	0.38	18	<10	1
450	11648	flt	sel	124			4.5	412	2840	320	3	7	6	12.3	9	4993	46	0.642	1.35	114	<10	2
451	11152	otc	ran	7			1.0	23	60	84	3	47	6	0.3	<5	119	<5	0.532	5.87	136	<10	4
451	11153		sed	8			<0.2	47	6	99	<1	37	15	<0.2	<5	8	<5	0.025	4.28	1296	<10	9
451	11154		pan	12	8	7	<0.2	53	9	84	5	45	17	<0.2	<5	12	<5	0.033	6.42	1336	<10	120
452	11192	otc	rep	<5			0.5	16	8	36	2	14	4	<0.2	<5	<5	<5	0.010	1.89	701	<10	29
453	11193		pan	55	8	6	0.4	48	10	82	3	39	16	<0.2	<5	20	<5	0.072	5.38	927	<10	67
454	12404		pan	<5	<5	1	1.0	22	4	25	<1	12	4	<0.2	<5	10	<5	0.174	1.42	323	<10	27
454	12405		sed	<5			<0.2	37	7	80	2	34	16	0.2	<5	12	<5	0.036	4.10	1212	<10	20
454	12406		pan	<5	<5	<1	<0.2	39	10	110	3	46	21	0.2	<5	14	<5	0.032	6.36	1327	<10	130
455	11085	flt	sel	2	<5	<1	1.5	3	9	6	1	2	<1	<0.2	<5	6	<5	<0.010	1.01	425	<10	52
456	11084	otc	sel	3	<5	1	0.8	354	14	9	3	4	3	<0.2	<5	6	<5	0.013	6.57	1136	<10	18
457	11086	flt	sel	8			0.2	19	16	42	2	28	8	0.2	<5	93	<5	0.017	4.23	80	<10	23
458	11150	rub	rep	<5	<5	<1	0.2	92	<2	66	1	42	31	<0.2	<5	<5	<5	<0.010	8.05	1027	<10	2
458	11151	otc	sel	<5	<5	<1	0.2	52	<2	59	<1	57	29	<0.2	<5	6	<5	0.017	7.09	988	<10	<1

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
436	11953		pan	208	48	<20	<20	20	2.60	0.93	0.39	0.09	0.34	28	16	6	31	3	7	<10	0.05	7		
437	11655		sed	22	25	<20	<20	22	1.35	0.95	0.76	<0.01	0.04	32	8	<2	16	<1	<5	<10	<0.01	<1		
437	11656		pan	323	47	<20	<20	13	1.99	1.08	0.53	0.06	0.31	33	5	7	20	2	<5	<10	<0.01	2		
438	11741		sed	28	33	<20	<20	16	1.68	1.24	1.26	<0.01	0.07	55	8	<2	23	2	<5	<10	0.01	1		
438	11742		pan	230	52	<20	<20	11	1.93	1.38	1.55	0.03	0.29	74	7	7	22	2	<5	<10	0.02	2		
438	11743		pan	228	54	<20	<20	11	2.05	1.45	2.26	0.06	0.33	90	7	7	22	2	<5	<10	0.03	1		
439	12300		sed	21	23	<20	<20	12	1.49	1.12	1.04	<0.01	0.04	65	8	4	29	<1	<5	<10	0.015	2		
439	12301		pan	127	36	<20	<20	14	2.30	1.50	1.56	0.02	0.19	69	8	<2	40	1	<5	<10	<0.010	<1		
440	8023	otc	grab	170		<200	<2	6				0.06							5.7	<1		<500	4.0	2.4
441	8021	flt	grab	280		<200	<2	<5				0.55							4.0	<1		<500	<0.5	0.6
442	8032	otc	sel	310		<200	<2	<5				0.07							0.9	<1		<500	<0.5	<0.5
442	8033	flt	sel	320		<200	<2	<5				0.18							1.9	<1		<500	<0.5	1.2
443	8031	rub	grab	<260		<2600	15	9				<0.45							5.5	<2		<1800	<3.1	<4.7
444	10875		sed	13	15	<20	<20	13	0.93	1.02	7.05	<0.01	0.02	174	7	<2	36	<1	<5	<10	<0.01	4		
444	10876		pan	77	25	<20	<20	7	1.43	1.14	8.91	0.02	0.15	141	6	<2	36	2	<5	<10	0.01	7		
444	10877	flt	sel	66	44	<20	<20	9	1.27	1.53	4.01	0.03	0.16	138	7	3	25	4	8	<10	<0.01	2		
445	12407		sed	17	23	<20	<20	11	1.15	0.93	1.68	<0.01	0.05	75	7	<2	21	1	<5	<10	<0.010	<1		
445	12408		pan	270	36	<20	<20	12	1.56	1.06	1.93	0.06	0.31	112	5	<2	29	1	<5	<10	<0.010	1		
446	11082		pan	116	43	<20	<20	7	2.07	1.93	>10.00	0.07	0.54	101	6	3	18	<1	6	<10	0.02	2		
447	11083		pan	167	54	<20	<20	10	2.55	1.46	4.28	0.08	0.52	61	6	3	30	<1	7	<10	0.03	<1		
448	8034	otc	grab	230		<200	2	8				0.21							22.0	<1		<500	1.2	3.6
449	8049	rub	sel	200		<200	<2	32				1.80							1.9	1		<500	2.5	15.0
450	11646	flt	sel	177	2	<20	<20	<1	0.02	<0.01	0.04	<0.01	<0.01	1	<1	<2	<1	<1	<5	<10	<0.01	<1		
450	11647	flt	sel	209	1	<20	<20	<1	0.02	<0.01	0.02	<0.01	<0.01	<1	<1	<2	<1	<1	<5	<10	<0.01	<1		
450	11648	flt	sel	160	1	<20	<20	<1	<0.01	0.03	0.34	<0.01	<0.01	7	4	<2	<1	<1	<5	<10	<0.01	2		
451	11152	otc	ran	12	2	<20	<20	<1	0.07	0.25	>10.00	0.01	0.05	117	5	<2	<1	<1	<5	<10	<0.01	1		
451	11153		sed	18	26	<20	<20	11	1.49	1.01	0.87	<0.01	0.04	23	7	4	19	<1	<5	<10	<0.01	<1		
451	11154		pan	523	68	<20	<20	12	2.91	1.40	3.21	0.12	0.78	67	8	4	22	<1	8	<10	0.02	<1		
452	11192	otc	rep	55	9	<20	<20	11	0.86	0.64	>10.00	0.04	0.14	366	14	<2	11	<1	<5	<10	<0.01	4		
453	11193		pan	257	38	<20	<20	6	1.87	1.10	8.66	0.06	0.41	94	6	2	18	<1	<5	<10	<0.01	2		
454	12404		pan	34	12	<20	<20	3	0.60	1.66	>10.00	0.02	0.10	128	3	<2	7	<1	<5	<10	<0.010	3		
454	12405		sed	14	19	<20	<20	10	1.04	0.72	4.28	<0.01	0.05	55	7	<2	19	<1	<5	<10	0.011	2		
454	12406		pan	340	42	<20	<20	13	2.07	1.01	2.30	0.04	0.36	48	6	<2	40	2	<5	<10	0.016	3		
455	11085	flt	sel	6	1	<20	<20	<1	0.04	0.24	>10.00	<0.01	0.02	435	8	<2	<1	<1	<5	<10	<0.01	<1		
456	11084	otc	sel	62	30	<20	<20	17	1.10	0.06	6.81	0.02	<0.01	208	3	<2	<1	1	<5	<10	0.10	2		
457	11086	flt	sel	211	23	<20	<20	3	0.69	0.21	0.42	0.04	0.09	30	3	<2	9	<1	<5	<10	<0.01	12		
458	11150	rub	rep	227	312	<20	<20	<1	4.61	3.63	3.30	0.02	<0.01	69	5	8	162	<1	30	<10	0.01	<1		
458	11151	otc	sel	204	161	<20	<20	<1	4.29	3.89	4.43	0.02	<0.01	80	7	7	140	<1	26	<10	0.02	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
459	11145	67.79248	149.37875	Mathews R West Side	flt	sel	qz mica schist w/ diss py, lim	Chandalar D-6	NE 9	34N	9W	Fairbanks
460	11145	67.78587	149.46394	Mathews R, upper	flt	sel	dol w/ py, qz vlets	Chandalar D-5	SE 12	34N	9W	Fairbanks
460	11146	67.78587	149.46394	Mathews R, upper		sed		Chandalar D-5	SE 12	34N	9W	Fairbanks
460	11147	67.78587	149.46394	Mathews R, upper		pan	no mag, no vis Au	Chandalar D-5	SE 12	34N	9W	Fairbanks
461	11148	67.76444	149.47732	Mathews R		sed		Chandalar D-5	NE 24	34N	9W	Fairbanks
461	11149	67.76444	149.47732	Mathews R		pan	no mag, no vis Au	Chandalar D-5	NE 24	34N	9W	Fairbanks
462	11756	67.76054	149.16431	Luna Prospect	flt	sel	massive sulfide w/ 10% sl, 5% cpy	Chandalar D-5	NE 20	34N	7W	Fairbanks
462	11757	67.76054	149.16431	Luna Prospect	flt	sel	massive sulfide w/ 15% cpy, 5% sl	Chandalar D-5	NE 20	34N	7W	Fairbanks
463	10698	67.75807	149.17076	Luna Prospect	flt	sel	calc-qz-ser schist w/ 15% cpy, py	Chandalar D-5	NE 20	34N	7W	Fairbanks
463	10699	67.75807	149.17076	Luna Prospect	flt	sel	qz-ser schist w/ 60% sl, 5% cpy	Chandalar D-5	NE 20	34N	7W	Fairbanks
463	10700	67.75807	149.17076	Luna Prospect	flt	sel	qz-ser schist w/ 45% cpy & py, sl	Chandalar D-5	NE 20	34N	7W	Fairbanks
463	10761	67.75807	149.17076	Luna Prospect	flt	sel	ep skarn w/ <1% cpy, mag, gar	Chandalar D-5	NE 20	34N	7W	Fairbanks
464	11754	67.75917	149.18224	Luna Prospect	rub	sel	massive sulfide w/ abu py, fr cpy	Chandalar D-5	NW 20	34N	7W	Fairbanks
464	11755	67.75917	149.18224	Luna Prospect	otc	sel	qz-ser schist w/ 1-2% diss py	Chandalar D-5	NW 20	34N	7W	Fairbanks
465	11767	67.74488	149.15385	Hurricane-Diane	otc	grab	skarn w/ py & cpy 2-3% in blebs	Chandalar C-5	NE 29	34N	7W	Fairbanks
466	11750	67.74118	149.16535	Hurricane-Diane	flt	sel	skarn w/ <50% cpy, py & po	Chandalar C-5	SE 29	34N	7W	Fairbanks
467	11749	67.73934	149.16954	Hurricane-Diane	otc	spec	calc-silicate w/ minor cpy, abu py	Chandalar C-5	SE 29	34N	7W	Fairbanks
468	8046	67.73445	149.17695	Hurricane-Diane	otc	sel	skarn w/ 25% cpy, 25% mag	Chandalar C-5	NW 32	34N	7W	Fairbanks
469	11748	67.73345	149.18254	Hurricane-Diane	otc	cont	1.5-ft-long skarn w/ 10% po, cpy, py	Chandalar C-5	NW 32	34N	7W	Fairbanks
470	8044	67.73222	149.18125	Hurricane-Diane	otc	sel	skarn w/ 25% cpy, py, lim, MnO	Chandalar C-5	NW 32	34N	7W	Fairbanks
470	8045	67.73222	149.18125	Hurricane-Diane	flt	grab	skarn w/ gar, ep	Chandalar C-5	NW 32	34N	7W	Fairbanks
471	11658	67.73201	149.18604	Hurricane-Diane	otc	sel	qz-ser schist w/ 5-7% cpy, mal	Chandalar C-5	NW 32	34N	7W	Fairbanks
472	11243	67.72707	149.23076	Demos	otc	sel	ls w/ 2% cpy, mal, az	Chandalar C-5	SE 31	34N	7W	Fairbanks
473	11205	67.72664	149.22960	Demos	flt	sel	skarn w/ abu mag, 1% cpy	Chandalar C-5	SW 31	34N	7W	Fairbanks
474	11204	67.72303	149.23154	Demos	flt	sel	ser-qz schist w/ py, cpy	Chandalar C-5	SE 31	34N	7W	Fairbanks
475	11251	67.71623	149.25396	Ginger	otc	sel	calc silicate w/ py, cpy, qz, ep	Chandalar C-5	NW 1	33N	8W	Fairbanks
476	11048	67.71254	149.27525	Ginger	otc	rub	diabase sill w/ <1% diss po	Chandalar C-5	SE 2	33N	8W	Fairbanks
477	11753	67.71239	149.26764	Ginger	rub	sel	ep skarn w/ 1-2% cpy, <10% py	Chandalar C-5	SW 1	33N	8W	Fairbanks
478	11751	67.70957	149.27107	Ginger	rub	rand	ep-gt skarn w/ 1% cpy, <10% py	Chandalar C-5	SW 1	33N	8W	Fairbanks
478	11752	67.71203	149.26764	Ginger	flt	sel	ser-qz schist w/ <10% py, tr cpy	Chandalar C-5	SW 1	33N	8W	Fairbanks
479	11047	67.70956	149.27278	Ginger	otc	sel	felsic ser schist w/ 2% py, cpy	Chandalar C-5	SE 2	33N	8W	Fairbanks
480	11709	67.70917	149.27257	Ginger	rub	rand	ser-qz schist w/ <5% py	Chandalar C-5	SW 1	33N	8W	Fairbanks
481	8041	67.70538	149.27777	Ginger	otc	sel	skarn w/ <10% cpy, py, mal	Chandalar C-5	NE 11	33N	8W	Fairbanks
481	8042	67.70538	149.27777	Ginger	otc	grab	skarn w/ <1% cpy, gar, ep	Chandalar C-5	NE 11	33N	8W	Fairbanks
482	11220	67.70302	149.28200	Ginger	otc	spec	ep-gt skarn w/ cpy, py, po	Chandalar C-5	NE 11	33N	8W	Fairbanks
483	8043	67.70362	149.28117	Ginger	rub	sel	skarn w/ 30% cpy, ep, qz	Chandalar C-5	NE 11	33N	8W	Fairbanks
484	11219	67.70139	149.28497	Ginger	otc	rep	skarn w/ 20 % py, 5% cpy	Chandalar C-5	NE 11	33N	8W	Fairbanks
485	11959	67.68203	149.45096	Matthews R		sed		Chandalar C-5	SW 18	33N	8W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
459	11643	flt	sel	7			0.4	26	36	32	33	40	5	0.2	<5	34	9	0.186	2.35	18	<10	58
460	11145	flt	sel	6			<0.2	5	6	42	8	12	4	<0.2	<5	8	<5	0.020	7.45	8789	<10	24
460	11146		sed	9			0.2	47	13	139	3	46	14	0.3	<5	15	<5	0.058	3.31	503	<10	23
460	11147		pan	9	9	7	<0.2	48	17	127	5	60	15	0.4	<5	10	<5	0.042	4.72	587	<10	569
461	11148		sed	7			0.4	29	11	78	2	27	10	0.4	<5	9	<5	0.058	2.61	495	<10	20
461	11149		pan	8	<5	7	0.7	21	7	60	2	21	6	0.2	<5	7	<5	0.034	2.31	398	<10	121
462	11756	flt	sel	1302			43.1	5.1%	<2	29.91%	<1	558	2012	1172.5	<5	1442	51	26.100	>10.00	403	99	7
462	11757	flt	sel	219			49.1	6.0%	<2	0.15%	<1	371	374	5.7	<5	314	<5	2.040	>10.00	790	21	24
463	10698	flt	sel	553			44.6	4.50%	16	175	2	506	745	3.2	<5	848	6	<0.010	>10.00	668	<10	18
463	10699	flt	sel	385			18.6	8338	34	8320	<1	622	1767	1283.9	<5	2133	<5	<0.010	>10.00	1262	23	<1
463	10700	flt	sel	1129			98.4	10.20%	71	8447	6	1333	1103	66.4	12	2931	60	0.012	>10.00	324	<10	<1
463	10761	flt	sel	13			3.2	2149	12	59	1	32	52	0.6	<5	219	<5	0.079	>10.00	944	<10	153
464	11754	rub	sel	141			24.9	5.3%	8	226	12	238	370	1.9	9	339	<5	0.520	9.89	125	18	14
464	11755	otc	sel	81			1.5	242	7	134	4	6	5	0.8	<5	151	28	0.229	1.15	16	<10	39
465	11787	otc	grab	46			7.5	9888	3	241	1	17	14	1	<5	94	683	0.084	8.54	582	<10	2
466	11750	flt	sel	25			0.5	983	7	48	<1	41	247	0.3	<5	100	<5	0.025	>10.00	70	27	<1
467	11749	otc	spec	1299			42.0	8.40%	<2	493	3	87	184	1.8	<5	304	13	0.580	>10.00	51	15	6
468	8046	otc	sel	290			12	1.09%		450	<2	180	380	<10		121	23.7		>10.0		<20	<100
469	11748	otc	cont	1272			26.3	2.6%	<2	180	3	78	49	0.8	<5	162	<5	1.000	>10.00	367	17	<1
470	8044	otc	sel	390			32	2.44%		840	<2	73	120	<10		138	14.0		7.4		<20	<100
470	8045	flt	grab	<5			<5			<200	<2	25	<10	<10		49	18.0		10.0		<20	<100
471	11658	otc	sel	60			19.7	1.3%	37	147	1	26	10	0.5	<5	73	<5	0.440	4.20	103	<10	10
472	11743	otc	sel	56			4.0	3821	16	22	2	5	4	<0.2	<5	76	<5	0.047	8.60	1145	<10	18
473	11205	flt	sel	<5			0.8	622	<2	17	1	3	4	<0.2	<5	80	<5	0.010	>10.00	996	<10	5
474	11204	flt	sel	9			<0.2	90	41	67	1	33	13	0.3	<5	64	<5	0.034	1.67	358	<10	53
475	11251	otc	sel	1201			17.5	2.80%	18	118	9	93	144	1.8	<5	115	<5	0.861	>10.00	950	<10	5
476	11048	otc	ran	3			<0.2	37	<2	38	1	148	35	<0.2	<5	<5	<5	<0.010	5.16	634	<10	10
477	11753	rub	sel	16			11.5	1.9%	3	85	8	46	28	1	<5	67	<5	0.820	3.64	465	<10	63
478	11751	rub	rand	836			15.1	1.9%	<2	78	3	88	314	2.1	<5	151	10	0.106	8.78	877	11	16
478	11752	flt	sel	58			8	1.5%	32	211	52	37	82	0.5	<5	235	18	0.740	6.06	1831	<10	53
479	11047	otc	sel	16			1.2	1643	35	55	4	26	33	1.2	<5	266	43	0.463	0.71	319	<10	42
480	11709	rub	rand	15			0.6	358	18	23	1	10	8	0.2	<5	98	<5	0.022	5.37	64	<10	3
481	8041	otc	sel	548			42	3.61%		<200	<2	210	75	<10		166	33.2		5.10.0		<20	170
481	8042	otc	grab	<5			<5	0.04%		<200	<2	<20	11	<10		34	28.0		7.3		<20	<100
482	11220	otc	spec	41			1.3	3709	2	22	10	13	11	<0.2	<5	33	<5	0.141	3.88	467	<10	30
483	8043	rub	sel	78			<5	1.00%		<200	4	79	25	<10		41	16.0		8.7		<20	320
484	11219	otc	ran	99			12.7	2.90%	<2	75	13	65	53	0.9	<5	229	<5	0.583	6.52	660	<10	27
485	11959		sed	<5			<0.2	65	9	77	1	38	15	<0.2	<5	14	<5	0.057	3.54	618	<10	37

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
459	11645	flt	sel	122	42	<20	<20	23	0.53	0.08	4.13	0.04	0.15	34	29	<2	1	3	<5	<10	<0.01	3		
460	11145	flt	sel	51	9	<20	<20	<1	0.09	2.72	>10.00	<0.01	0.04	219	15	<2	3	<1	<5	<10	<0.01	<1		
460	11146		sed	12	18	<20	<20	11	0.95	0.66	3.31	<0.01	0.03	62	7	<2	22	<1	<5	<10	<0.01	4		
460	11147		pan	426	56	<20	<20	21	2.60	1.12	3.09	0.09	0.45	105	8	4	39	<1	<5	<10	0.03	10		
461	11148		sed	12	13	<20	<20	5	0.63	0.96	8.27	<0.01	0.02	119	6	<2	20	<1	<5	<10	<0.01	2		
461	11149		pan	124	24	<20	<20	7	1.46	1.28	>10.00	0.05	0.33	229	7	<2	20	<1	<5	<10	<0.01	4		
462	11756	flt	sel	24	1	<20	568	5	0.04	0.02	0.12	<0.01	0.04	9	<1	<2	<1	<1	<5	<10	<0.01	<1		
462	11757	flt	sel	61	12	<20	<20	4	0.61	0.10	7.97	<0.01	0.05	4	1	<2	2	<1	<5	<10	<0.01	<1		
463	10698	flt	sel	34	24	<20	<20	38	0.96	0.44	9.14	<0.01	0.47	137	2	<2	6	1	<5	<10	0.03	2		
463	10699	flt	sel	38	4	<20	87	18	0.21	0.12	0.34	<0.01	0.21	20	2	<2	1	<1	<5	<10	<0.01	1		
463	10700	flt	sel	60	8	<20	<20	12	0.57	0.22	1.48	<0.01	0.43	107	5	<2	4	4	<5	12	0.02	8		
463	10761	flt	sel	38	21	<20	64	4	0.70	0.12	>10.00	<0.01	0.02	265	1	<2	<1	<1	<5	<10	<0.01	2		
464	11754	rub	sel	61	14	<20	<20	9	0.47	0.23	1.11	0.02	0.05	294	4	<2	1	<1	<5	<10	0.13	2		
464	11755	otc	sel	162	3	<20	<20	8	0.18	<0.01	0.02	<0.01	0.10	3	<1	<2	1	<1	<5	<10	<0.01	13		
465	11767	otc	grab	59	6	<20	65	1	0.53	0.12	7.91	<0.01	<0.01	14	1	3	<1	<1	<5	<10	0.02	<1		
466	11750	flt	sel	2	5	<20	<20	<1	0.04	0.02	0.20	<0.01	<0.01	5	<1	<2	<1	<1	<5	<10	<0.01	<1		
467	11749	otc	spac	17	3	<20	<20	<1	0.05	0.22	0.58	<0.01	0.01	5	<1	<2	1	<1	<5	<10	<0.01	<1		
468	8046	otc	sel	<50		<200	<2	<5				0.14							1.5	<1		<500	<0.5	<0.5
469	11748	otc	cont	66	115	<20	37	9	0.80	0.06	0.80	<0.01	0.01	14	11	4	<1	4	<5	<10	0.05	3		
470	8044	otc	sel	<50		<200	<2	<5				0.15							0.9	<1		<500	<0.5	<0.5
470	8045	flt	grab	110		<200	17	<5				0.13							0.5	<1		<500	2.5	2.2
471	11658	otc	sel	31	3	<20	<20	<1	0.04	0.64	1.18	<0.01	0.02	5	<1	<2	3	<1	<5	<10	<0.01	<1		
472	11243	otc	sel	26	67	<20	<20	1	1.45	0.11	>10.00	<0.01	0.09	177	9	2	4	<1	<5	<10	0.04	7		
473	11205	flt	sel	12	39	<20	<20	1	0.81	0.09	>10.00	<0.01	<0.01	58	4	<2	<1	<1	<5	<10	0.02	<1		
474	11204	flt	sel	76	9	<20	<20	6	0.65	0.36	0.22	0.02	0.23	14	2	<2	3	<1	<5	<10	<0.01	3		
475	11251	otc	sel	34	25	<20	57	2	0.85	0.17	6.34	<0.01	0.01	113	6	<2	1	<1	<5	<10	0.11	<1		
476	11048	otc	ran	155	67	<20	<20	2	4.28	4.64	2.69	0.12	0.01	38	13	4	34	<1	<5	<10	0.17	<1		
477	11753	rub	sel	61	32	<20	<20	11	0.92	0.67	5.20	0.02	0.06	168	9	3	2	1	<5	<10	0.15	8		
478	11751	rub	rand	102	35	<20	78	2	1.44	0.38	5.82	<0.01	<0.01	64	9	3	3	<1	<5	<10	0.11	9		
478	11752	flt	sel	54	4	<20	<20	24	0.23	2.71	8.67	<0.01	0.16	524	15	<2	2	<1	<5	<10	<0.01	8		
479	11047	otc	sel	65	6	<20	<20	9	0.36	0.31	2.20	0.06	0.25	292	5	<2	<1	<1	<5	<10	<0.01	9		
480	11709	rub	rand	183	8	<20	<20	<1	0.06	0.05	0.07	<0.01	<0.01	3	<1	<2	<1	<1	<5	<10	<0.01	2		
481	8041	otc	sel	92		<200	<2	<5				0.14							7.8	<1		<500	1.1	2.5
481	8042	otc	grab	160		<200	3	13				0.14							12.0	<1		<500	2.6	5.9
482	11750	otc	spac	52	26	<20	42	6	0.98	0.20	3.28	0.02	0.36	110	6	2	6	<1	<5	<10	0.15	14		
483	8043	rub	sel	89		<200	25	71				0.41							14.0	<1		610	5.1	14.0
484	11219	otc	ran	37	25	<20	<20	60	1.43	0.18	7.05	<0.01	0.06	200	9	2	4	<1	<5	<10	0.14	20		
485	11959		sed	37	29	<20	<20	15	1.63	1.28	2.39	<0.01	0.03	46	8	<2	17	1	<5	<10	0.01	1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
486	11958	67.68097	149.44691	Matthews R	otc	sel	greenschist w/ ch, qz, & py	Chandalar C-5	SW 18	33N	8W	Fairbanks
487	11729	67.66635	149.42159	Eva	flt	sel	qz-ser schist, suspected "erratic"	Chandalar C-5	SW 20	33N	8W	Fairbanks
488	11737	67.66635	149.42159	Eva	otc	sel	qz-ser schist w/ 3-5% cpy, py(?)	Chandalar C-5	SW 20	33N	8W	Fairbanks
488	11738	67.66570	149.42268	Eva	otc	sel	calc-silicate w/ abu mal & az	Chandalar C-5	SW 20	33N	8W	Fairbanks
488	11739	67.66570	149.42268	Eva	otc	rep	calc schist w/ <5% py stringers	Chandalar C-5	SW 20	33N	8W	Fairbanks
489	11745	67.66455	149.41684	Eva	flt	sel	granite gneiss w/ 1-3% po	Chandalar C-5	SW 20	33N	8W	Fairbanks
490	11746	67.66554	149.42187	Eva	rub	sel	qz-ser schist w/ py blebs, stringers	Chandalar C-5	SW 20	33N	8W	Fairbanks
490	11747	67.66554	149.42187	Eva	flt	sel	massive cpy, py	Chandalar C-5	SW 20	33N	8W	Fairbanks
491	11744	67.66613	149.41454	Eva	otc	rand	qz-ser schist w/ 10% diss cpy, lim	Chandalar C-5	SW 20	33N	8W	Fairbanks
492	11740	67.66500	149.42118	Eva	flt	sel	mafic-meta intrusive w/ 3% po	Chandalar C-5	SW 20	33N	8W	Fairbanks
493	12403	67.65908	149.42700	Eva	otc	sel	calc-silicate w/ 1-2% diss cpy	Chandalar C-5	NE 20	33N	8W	Fairbanks
494	11185	67.64672	149.40373	Peak 4737	otc	cont	ep-gar-qz skarn w/ 5% cpy	Chandalar C-5	NE 32	33N	8W	Fairbanks
494	11186	67.64672	149.40373	Peak 4737	otc	cont	ep-gar-qz skarn w/ cpy, py	Chandalar C-5	NE 32	33N	8W	Fairbanks
494	11187	67.64672	149.40373	Peak 4737	otc	cont	ep-qz skarn w/ 5% cpy	Chandalar C-5	NE 32	33N	8W	Fairbanks
495	11188	67.63445	149.41422	Peak 5274, Victor	otc	rep	ep-gar-qz skarn w/ cpy, py	Chandalar C-5	SW 32	33N	8W	Fairbanks
496	11189	67.63122	149.41909	Peak 5274, Victor	flt	sel	calc hfls w/ 3% po, abu lim	Chandalar C-5	NE 6	32N	8W	Fairbanks
497	11190	67.62947	149.41949	Peak 5274, Victor	flt	sel	calc silicate rock w/ 3% cpy	Chandalar C-5	NE 6	32N	8W	Fairbanks
498	11191	67.62770	149.40511	Peak 5274, Victor	otc	rep	ser granite w/ abu lim	Chandalar C-5	NE 6	32N	8W	Fairbanks
499	8028	67.63112	149.38333	Peak 5274, Victor	rub	grab	skarn w/ cpy, py, mal, az	Chandalar C-5	NE 5	32N	8E	Fairbanks
499	8029	67.63112	149.38333	Peak 5274, Victor	otc	grab	skarn w/ cpy, gar, ep	Chandalar C-5	NE 5	32N	8E	Fairbanks
499	8030	67.63112	149.38333	Peak 5274, Victor	rub	sel	massive sulfide (cpy)	Chandalar C-5	NE 5	32N	8E	Fairbanks
500	11697	67.63380	149.38725	Peak 5274, Victor	otc	cont	15-ft-long gar-ep skarn w/ cpy, py	Chandalar C-5	NW 5	32N	8W	Fairbanks
501	11698	67.63185	149.38739	Peak 5274, Victor	otc	rand	gar skarn w/ >1% cpy	Chandalar C-5	NW 5	32N	8W	Fairbanks
502	11700	67.63333	149.38780	Peak 5274, Victor	otc	sel	gar-ep skarn w/ 1% cpy, <10% py	Chandalar C-5	NW 5	32N	8W	Fairbanks
503	11699	67.63333	149.38658	Peak 5274, Victor	otc	cont	3.2-ft-long skarn w/ abu py, cpy	Chandalar C-5	NW 5	32N	8W	Fairbanks
504	11183	67.64299	149.37278	Unnamed Ck	otc	sel	Skajit ls w/ py, qz veins	Chandalar C-5	NW 33	33N	8W	Fairbanks
505	11184	67.64054	149.36338	Unnamed Ck	flt	sel	ep-gar-qz skarn w/ 3% mag	Chandalar C-5	NE 33	33N	8W	Fairbanks
506	11126	67.63696	149.31810	Big Spruce Ck	otc	grab	sericitized prophyry w/ 3% cpy	Chandalar C-5	NW 34	33N	8W	Fairbanks
506	11127	67.63696	149.31810	Big Spruce Ck	otc	grab	blk fine grained rock w/ cpy, py	Chandalar C-5	NW 34	33N	8W	Fairbanks
507	11128	67.63389	149.31409	Big Spruce Ck	otc	grab	rhyolite (?) w/ cpy, po	Chandalar C-5	C 34	33N	8W	Fairbanks
508	12390	67.63648	149.31651	Big Spruce Ck, Venus	otc	rand	gd porph w/ 1% py, tr cpy	Chandalar C-5	SE 34	33N	8W	Fairbanks
509	11110	67.63833	149.31973	Big Spruce Ck, Venus	otc	sel	0.25-ft-wide qz vein w/ 2% cpy	Chandalar C-5	SE 34	33N	8W	Fairbanks
509	11125	67.63833	149.31973	Big Spruce Ck, Venus	otc	rep	meta granite w/ 3% cpy	Chandalar C-5	SE 34	33N	8W	Fairbanks
510	12389	67.63481	149.31518	Big Spruce Ck, Venus	otc	rand	hfls w/ <1% py, mal on fractures	Chandalar C-5	NW 3	32N	8W	Fairbanks
510	12391	67.63481	149.31518	Big Spruce Ck, Venus	pan		minor mag & fine py	Chandalar C-5	NW 3	32N	8W	Fairbanks
510	12392	67.63481	149.31518	Big Spruce Ck, Venus	sed			Chandalar C-5	NW 3	33N	8W	Fairbanks
511	12387	67.63309	149.31726	Big Spruce Ck, Venus	otc	rand	gd porph w/ 1% py, tr cpy	Chandalar C-5	NW 3	32N	8W	Fairbanks
511	12388	67.63363	149.31607	Big Spruce Ck, Venus	otc	rand	gd porph w/ <1% py	Chandalar C-5	NW 3	32N	8W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
486	11958	otc	sel	6			<0.2	43	5	40	1	66	18	<0.2	<5	45	<5	<0.010	2.18	386	<10	53
487	11729	flt	sel	7159			110.2	3933	13.98%	253	2	225	7	1.8	326	73	4.46%	0.274	>10.00	246	44	13
488	11737	otc	sel	68			3.1	2853	306	93	2	26	18	0.7	<5	44	105	0.015	2.52	514	<10	24
488	11738	otc	sel	23			1.4	1354	42	144	13	8	11	1.3	<5	19	32	0.014	2.53	947	<10	7
488	11739	otc	rep	16			0.7	54	3395	3931	3	3	3	24.5	<5	17	22	0.075	2.07	1152	<10	12
489	11745	flt	sel	<5			0.3	12	124	108	2	29	16	0.2	<5	11	9	<0.010	3.08	556	<10	34
490	11746	rub	sel	<5			<0.2	44	17	27	<1	22	8	<0.2	<5	8	12	<0.010	1.77	104	<10	37
490	11747	flt	sel	48			2.1	0.79%	13	54	2	52	69	<0.2	52	<5	11	0.014	>10.00	73	26	3
491	11744	otc	rand	<5			<0.2	94	4	66	<1	170	43	<0.2	<5	36	<5	<0.010	4.78	514	<10	77
492	11740	flt	sel	14			0.5	358	46	54	3	34	20	0.3	<5	35	18	0.012	2.56	151	<10	46
493	12403	otc	sel	105			3.5	6128	6	109	3	17	32	2.9	<5	45	151	0.045	9.88	1459	<10	6
494	11185	otc	cont	101			10.8	5695	<2	72	12	23	16	0.7	<5	18	<5	0.117	4.50	1069	<10	7
494	11186	otc	cont	321			12.5	1.22%	3	102	13	51	30	0.9	7	50	<5	0.204	5.36	693	<10	3
494	11187	otc	cont	49			2.5	2999	<2	47	4	12	45	0.4	<5	15	19	0.058	2.06	846	<10	9
495	11188	otc	rep	<5			0.7	455	6	36	4	13	5	<0.2	<5	37	<5	0.007	2.02	1213	<10	11
496	11189	flt	sel	<5			0.4	58	<2	23	3	12	3	<0.2	<5	34	<5	<0.010	3.60	1439	<10	4
497	11190	flt	sel	8			0.8	1.20%	<2	47	3	9	4	<0.2	<5	<5	<5	0.072	1.60	55	<10	8
498	11191	otc	rep	10			<0.2	86	<2	33	1	18	12	<0.2	<5	23	<5	0.010	1.99	338	<10	44
498	8028	rub	grab	970			42	4.68%	5	>340	82	80	44	<34		248	1440.0		>10.0		<130	<270
499	8029	otc	grab	<5			<5	0.14%		<200	7	23	13	<10		50	258.0		>10.0		<20	140
499	8030	rub	sel	1020			15	7.76%		900	21	98	97	<20		122	555.0		>10.0		<58	<100
500	11697	otc	cont	183			18.8	2.10%	21	93	133	18	13	0.5	11	101	14	0.580	8.92	614	<10	5
501	11698	otc	rand	41			3.0	7631	112	74	100	15	10	0.4	<5	20	54	0.135	3.05	500	<10	5
502	11700	otc	sel	99			25.5	3.90%	16	134	46	38	26	0.3	27	27	8	1.540	>10.00	735	34	4
503	11699	otc	cont	1093			30.6	7.20%	27	287	64	47	13	1.4	<5	54	44	1.420	9.60	336	18	10
504	11183	otc	sel	4			1.2	5	3	17	<1	4	2	<0.2	<5	<5	<5	<0.010	0.98	272	<10	10
505	11184	flt	sel	4			1.6	2	<2	7	<1	<1	<1	<0.2	<5	<5	<5	<0.010	0.11	56	<10	12
506	11126	otc	grab	3			<0.2	179	<2	10	2	20	7	<0.2	<5	<5	<5	<0.010	0.97	85	<10	80
506	11127	otc	grab	3			0.3	607	<2	34	3	10	16	<0.2	<5	<5	<5	<0.010	3.09	321	<10	5
507	11128	otc	grab	3			<0.2	150	<2	33	2	23	8	<0.2	<5	<5	<5	<0.010	1.68	273	<10	61
508	12390	otc	rand	<5			<0.2	231	2	18	3	20	12	<0.2	<5	11	<5	<0.010	1.52	141	<10	87
509	11110	otc	sel	5			0.7	1609	<2	56	3	68	3	<0.2	<5	<5	<5	0.026	4.25	418	<10	4
509	11125	otc	rep	4			0.2	272	<2	12	2	20	12	<0.2	<5	9	<5	<0.010	1.64	81	<10	70
510	12389	otc	rand	17			1.1	1592	24	56	11	26	34	0.4	<5	11	<5	0.031	3.29	971	<10	96
510	12391		pan	611	<5	1	0.6	163	18	74	2	41	23	<0.2	<5	55	<5	0.039	5.41	982	<10	112
510	12392		sed	<5			0.7	76	7	58	2	27	13	<0.2	<5	17	<5	0.020	3.06	937	<10	15
511	12387	otc	rand	<5			0.2	571	4	32	2	32	14	<0.2	<5	7	<5	0.014	2.59	184	<10	80
511	12388	otc	rand	<5			<0.2	149	3	18	3	8	9	<0.2	<5	<5	<5	<0.010	1.76	152	<10	103

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
486	11958	otc	sel	56	21	<20	<20	6	1.63	0.89	0.97	0.05	0.15	94	3	4	7	<1	<5	<10	0.16	<1		
487	11729	flt	sel	36	4	<20	<20	<1	0.11	0.02	0.03	<0.01	0.08	38	2	<2	<1	<1	<5	<10	<0.01	<1		
488	11737	otc	sel	84	6	<20	<20	3	0.30	1.37	3.26	<0.01	0.29	504	7	<2	7	<1	<5	<10	<0.01	5		
488	11738	otc	sel	40	20	<20	<20	7	1.14	0.12	>10.00	<0.01	0.08	65	7	3	1	<1	<5	<10	0.08	14		
488	11739	otc	rep	4	4	<20	<20	4	0.32	0.45	>10.00	<0.01	0.31	628	6	<2	4	<1	<5	<10	0.03	5		
489	11745	flt	sel	105	39	<20	<20	4	2.09	2.01	2.05	0.03	0.11	128	6	<2	18	2	<5	<10	0.14	4		
490	11746	rub	sel	95	9	<20	<20	6	0.68	0.43	0.11	0.01	0.04	12	3	<2	4	<1	<5	<10	<0.01	2		
490	11747	flt	sel	20	10	<20	<20	2	0.16	0.03	0.43	<0.01	0.04	24	5	<2	<1	<1	<5	<10	0.07	2		
491	11744	otc	rand	128	58	<20	<20	<1	2.74	2.43	0.76	0.01	2.14	62	5	<2	13	3	<5	<10	0.27	<1		
492	11740	flt	sel	61	18	<20	<20	9	0.70	0.66	1.67	<0.01	0.25	131	8	<2	5	<1	<5	<10	<0.01	8		
493	12403	otc	sel	45	22	<20	<20	4	1.17	0.06	>10.00	<0.01	<0.01	29	7	5	1	1	<5	<10	0.038	4		
494	11185	otc	cont	74	18	<20	<20	<1	1.33	0.14	9.08	<0.01	0.03	59	5	<2	1	<1	<5	<10	0.08	11		
494	11186	otc	cont	75	9	<20	<20	<1	0.87	0.07	8.21	0.03	0.01	458	4	<2	<1	<1	<5	<10	0.04	6		
494	11187	otc	cont	43	11	<20	<20	<1	0.91	0.06	7.59	0.06	0.02	84	4	<2	<1	<1	<5	<10	0.11	5		
495	11188	otc	rep	43	20	<20	<20	2	1.65	0.20	>10.00	0.38	0.05	263	8	3	4	<1	<5	<10	0.12	2		
496	11189	flt	sel	88	33	<20	<20	<1	2.43	0.34	9.66	0.01	<0.01	105	10	5	1	<1	5	<10	0.12	17		
497	11190	flt	sel	215	2	<20	<20	3	0.10	<0.01	0.50	0.02	0.05	18	4	<2	<1	<1	<5	<10	<0.01	3		
498	11191	otc	rep	116	25	<20	<20	6	1.36	0.89	0.77	0.03	0.21	116	3	<2	9	<1	<5	<10	0.19	<1		
499	8028	rub	grab	<120		<1200	150	<5				<0.20							4.8	<1		<970	2.7	<2.1
499	8029	otc	grab	<50		<200	80	<5				0.10							6.3	<1		<500	5.6	1.5
499	8030	rub	sel	89		<530	19	6				0.47							21.0	<1		<800	2.2	6.9
500	11697	otc	cont	37	20	<20	<20	2	0.82	0.04	4.03	<0.01	0.02	49	4	<2	<1	1	<5	<10	0.10	7		
501	11698	otc	rand	52	14	<20	<20	21	0.94	0.26	3.38	0.01	0.02	94	4	<2	1	1	<5	<10	0.12	6		
502	11700	otc	sel	28	21	<20	54	6	0.62	0.11	5.12	<0.01	0.02	28	4	<2	5	<1	<5	<10	0.11	5		
503	11699	otc	cont	36	19	<20	<20	3	0.46	0.11	2.35	<0.01	0.02	36	3	<2	<1	<1	<5	<10	0.10	3		
504	11183	otc	sel	22	5	<20	<20	2	0.30	0.45	>10.00	0.01	0.06	>2000	7	<2	9	<1	<5	<10	<0.01	2		
505	11184	flt	sel	2	2	<20	<20	<1	0.09	0.13	>10.00	<0.01	0.01	110	3	<2	<1	<1	<5	<10	<0.01	<1		
506	11126	otc	grab	29	16	<20	<20	12	0.75	0.20	0.66	0.07	0.33	82	5	<2	3	<1	<5	<10	0.11	2		
506	11127	otc	grab	12	6	<20	<20	2	0.76	1.18	1.21	0.03	0.04	28	6	<2	3	<1	<5	<10	0.06	<1		
507	11128	otc	grab	53	26	<20	<20	7	1.31	0.73	0.84	0.08	0.24	72	4	<2	4	<1	<5	<10	0.14	4		
508	12390	otc	rand	40	16	<20	<20	11	1.10	0.49	0.78	0.03	0.23	81	4	<2	14	1	<5	<10	0.148	7		
509	11110	otc	sel	197	17	<20	<20	<1	2.62	3.02	0.44	<0.01	0.01	14	<1	<2	14	<1	<5	<10	0.01	<1		
509	11125	otc	rep	93	17	<20	<20	8	0.92	0.40	0.70	0.06	0.27	68	4	<2	5	<1	<5	<10	0.11	3		
510	12389	otc	rand	38	45	<20	83	7	1.99	1.37	1.33	0.05	0.73	88	9	<2	10	4	<5	<10	0.332	<1		
510	12391		pan	155	35	<20	<20	10	1.94	1.44	>10.00	0.05	0.30	260	8	<2	25	2	<5	<10	0.044	5		
510	12392		sed	14	13	<20	<20	7	1.02	1.06	>10.00	<0.01	0.03	249	7	<2	14	<1	<5	<10	0.011	2		
511	12387	otc	rand	49	27	<20	<20	7	1.96	1.47	0.92	0.06	0.25	81	5	<2	14	2	<5	<10	0.202	4		
511	12388	otc	rand	42	24	<20	<20	10	1.22	0.51	0.82	0.07	0.30	94	5	<2	4	2	<5	<10	0.199	1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
512	11109	67.63106	149.31976	Big Spruce Ck, Venus	otc	rep	silic rock w/ 3% cpy	Chandalar C-5	NW 3	32N	8W	Fairbanks
512	12386	67.63254	149.31801	Big Spruce Ck, Venus	otc	rand	gd porph w/ 3%py,1%cpy	Chandalar C-5	NW 3	32N	8W	Fairbanks
513	12385	67.63201	149.31874	Big Spruce Ck, Venus	otc	rand	gd porph w/ 1% py, cpy	Chandalar C-5	NW 3	32N	8W	Fairbanks
514	8047	67.63117	149.32018	Big Spruce Ck, Venus	core	grab	monz, hfls, skarn	Chandalar C-5	NW 3	32N	8W	Fairbanks
514	8048	67.63117	149.32018	Big Spruce Ck, Venus	flt	grab	skarn w/ 40% py, gar	Chandalar C-5	NW 3	32N	8W	Fairbanks
514	8050	67.63117	149.32018	Big Spruce Ck, Venus	rub	sel	granite(?) w/ cpy, moly	Chandalar C-5	NW 3	32N	8W	Fairbanks
514	12384	67.63144	149.31992	Big Spruce Ck, Venus	otc	rand	gd porph w/ 1% py, mal	Chandalar C-5	NW 3	32N	8W	Fairbanks
514	12393	67.63170	149.31927	Big Spruce Ck, Venus	otc	rand	gd porph w/ 1% py, cpy	Chandalar C-5	NW 3	33N	8W	Fairbanks
515	12394	67.63090	149.32099	Big Spruce Ck, Venus	otc	rand	sulfurose hfls w/ 1% py, cpy, az	Chandalar C-5	NW 3	33N	8W	Fairbanks
516	11607	67.62971	149.32183	Venus Ck		sed		Chandalar C-5	NW 3	32N	8W	Fairbanks
516	11608	67.62971	149.32183	Venus Ck		pan		Chandalar C-5	NW 3	32N	8W	Fairbanks
516	11609	67.62971	149.32183	Venus Ck	otc	ran	silic meta granite w/ cpy, py	Chandalar C-5	NW 3	32N	8W	Fairbanks
517	11180	67.63042	149.32332	Venus Ck	otc	grab	ser granite w/ cpy, py, mal, lim	Chandalar C-5	NE 4	32N	8W	Fairbanks
517	11181	67.63047	149.32295	Venus Ck	otc	ran	skarn w/ >20% cpy, py, mag, po	Chandalar C-5	NE 4	32N	8W	Fairbanks
517	11689	67.63024	149.32573	Venus Ck	flt	sel	vein qz w/ 2-3% Mo	Chandalar C-5	NE 4	32N	8W	Fairbanks
518	11693	67.62967	149.32784	Venus Ck	otc	sel	ch-qz schist	Chandalar C-5	NE 4	32N	8W	Fairbanks
518	11694	67.62967	149.32784	Venus Ck	otc	rand	mag skarn w/ cpy, py, actinolite(?)	Chandalar C-5	NE 4	32N	8W	Fairbanks
519	11695	67.62871	149.32869	Venus Ck	otc	rand	metagranite w/ <5% py, mal	Chandalar C-5	NE 4	32N	8W	Fairbanks
520	11696	67.62798	149.33378	Venus Ck	otc	rand	ser schist w/ Mo smears & viels	Chandalar C-5	NE 4	32N	8W	Fairbanks
521	11182	67.62723	149.34177	Venus Ck	otc	sel	calc hfls w/ diss cpy, py, ep(?)	Chandalar C-5	NW 4	32N	8W	Fairbanks
522	11130	67.63114	149.31946	Big Spruce Ck, Venus	flt	sel	massive sulfide w/ lim, MnO	Chandalar C-5	NW 3	32N	8W	Fairbanks
522	11131	67.63114	149.31946	Big Spruce Ck, Venus	flt	sel	massive cpy	Chandalar C-5	NW 3	32N	8W	Fairbanks
523	11605	67.62911	149.31814	Big Spruce Ck		sed		Chandalar C-5	NW 3	32N	8W	Fairbanks
523	11606	67.62911	149.31814	Big Spruce Ck		pan	1 v fine Au, mag, abu sulfides	Chandalar C-5	NW 3	32N	8W	Fairbanks
524	11129	67.62261	149.33307	Venus (south)	otc	grab	skarn	Chandalar C-5	SE 4	32N	8W	Fairbanks
525	11683	67.68064	149.21343	Sheep Ck		sed		Chandalar C-5	SE 18	33N	7W	Fairbanks
525	11684	67.68064	149.21343	Sheep Ck		pan	abu py, bi, mag, no vis Au	Chandalar C-5	SE 18	33N	7W	Fairbanks
525	11685	67.68064	149.21343	Sheep Ck	flt	sel	qz-ca rock w/ sl(?)	Chandalar C-5	SE 18	33N	7W	Fairbanks
525	11686	67.68064	149.21343	Sheep Ck	flt	sel	ep skarn w/ 1% diss bn or cc	Chandalar C-5	SE 18	33N	7W	Fairbanks
525	11688	67.67925	149.21670	Sheep Ck	flt	sel	qz-ep skarn w/ 3% diss cpy	Chandalar C-5	NW 19	33N	7W	Fairbanks
526	11687	67.67925	149.21670	Sheep Ck	flt	sel	qz-ep skarn w/ diss mag	Chandalar C-5	NW 19	33N	7W	Fairbanks
527	11108	67.66488	149.25598	Evelyn Lee Prospect	rub	sel	skarn w/ cpy, ep, gar, qz	Chandalar C-5	SW 24	33N	8W	Fairbanks
528	11107	67.66331	149.25947	Evelyn Lee Prospect	trc	rep	skarn w/ 3% cpy, mal, gar	Chandalar C-5	NW 25	33N	8W	Fairbanks
529	11105	67.65700	149.26895	Evelyn Lee Prospect	otc	sel	skarn w/ 10% cpy, mal, az	Chandalar C-5	NW 25	33N	8W	Fairbanks
529	11106	67.65700	149.26895	Evelyn Lee Prospect	otc	sel	ser calc rock w/ qz, cpy, mal, az	Chandalar C-5	NW 25	33N	8W	Fairbanks
530	8036	67.65597	149.26866	Evelyn Lee Prospect	otc	grab	skarn w/ 5% cpy, gar, ep, mal, az	Chandalar C-5	NW 25	33N	8W	Fairbanks
530	8037	67.65597	149.26866	Evelyn Lee Prospect	otc	grab	ser rich skarn w/ mal	Chandalar C-5	NW 25	33N	8W	Fairbanks
530	8038	67.65597	149.26866	Evelyn Lee Prospect	rub	sel	skarn w/ <10% cpy	Chandalar C-5	NW 25	33N	8W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
512	11109	otc	rep	10			0.7	2073	2	30	9	14	16	<0.2	<5	<5	<5	<0.010	1.92	75	<10	73
512	12386	otc	rand	12			1.0	1462	6	30	11	15	15	<0.2	<5	6	<5	0.014	2.45	161	<10	90
513	12385	otc	rand	9			0.7	317	11	32	8	18	10	<0.2	<5	12	<5	0.024	2.83	127	<10	96
514	8047	core	grab	7			<5	0.09%		<200	160	35	20	<10		8	11.0		4.2		<20	520
514	8048	flt	grab	55			<5			<200	4	60	61	<10		23	14.0		>10.0		<20	<100
514	8050	rub	sel	8			<5	0.05%		<200	236	<20	<10	<10		4	14.0		2.8		<20	660
514	12384	otc	rand	11			1.0	1271	54	220	8	21	13	0.9	<5	10	<5	0.041	2.36	135	<10	71
514	12393	otc	rand	12			0.7	1413	4	20	40	16	12	<0.2	<5	<5	<5	0.014	1.77	66	<10	71
515	12394	otc	rand	<5			0.3	244	2	42	2	21	18	<0.2	<5	9	7	<0.010	4.15	258	<10	56
516	11607		sed	12			0.3	417	6	47	4	21	14	<0.2	<5	16	<5	0.020	3.17	698	<10	11
516	11608		pan	22	<5	3	<0.2	1008	17	76	3	28	23	0.5	<5	17	<5	0.044	9.61	799	<10	61
516	11609	otc	ran	12			0.4	660	<2	27	2	36	18	<0.2	<5	8	<5	0.036	2.65	210	<10	63
517	11180	otc	grab	14			1	1382	<2	22	3	31	16	<0.2	<5	6	<5	0.015	3.09	129	<10	49
517	11181	otc	ran	39			2.2	0.17%	<2	36	4	9	57	<0.2	<5	16	239	0.020	32.14%	814	<10	<1
517	11689	flt	sel	49			0.8	1560	7	37	1473	16	14	0.2	<5	21	0.66%	0.075	1.43	171	<10	50
518	11693	otc	sel	10			0.9	1184	3	12	8	15	7	<0.2	<5	7	83	<0.010	1.95	164	<10	69
518	11694	otc	rand	13			1.6	2704	<2	126	<1	41	2	0.2	<5	31	54	0.015	>10.00	670	<10	2
519	11695	otc	rand	<5			<0.2	247	4	12	13	18	13	<0.2	<5	<5	315	0.015	4.21	55	<10	28
520	11696	otc	rand	15			<0.2	346	<2	4	212	12	10	<0.2	<5	<5	55	<0.010	1.59	21	<10	41
521	11182	otc	sel	6			<0.2	86	<2	32	1	35	15	<0.2	<5	13	<5	<0.010	1.68	337	<10	42
522	11130	flt	sel	441			2.4	0.47%	<2	171	4	2	14	<0.2	<5	27	609	0.024	>10.00	535	<10	<1
522	11131	flt	sel	43			1.8	2030	5	37	11	59	82	<0.2	<5	65	<5	0.030	>10.00	224	<10	<1
523	11605		sed	7			0.4	26	6	38	2	18	9	<0.2	<5	9	<5	0.018	2.46	792	<10	11
523	11606		pan	753	<5	3	0.3	346	38	67	3	39	24	0.5	<5	128	<5	0.063	6.72	808	<10	97
524	11129	otc	grab	2			<0.2	38	3	56	1	29	12	<0.2	<5	<5	<5	<0.010	2.74	648	<10	24
525	11683		sed	<5			<0.2	23	9	52	1	31	14	<0.2	<5	19	<5	0.025	3.24	672	<10	11
525	11684		pan	1	<5	3	<0.2	37	11	61	<1	43	17	0.2	<5	113	5	0.048	4.72	539	<10	69
525	11685	flt	sel	20			<0.2	1	11	19	2	4	2	<0.2	<5	<5	557	0.014	3.26	2383	<10	3
525	11686	flt	sel	9			0.7	488	7	7	<1	1	3	0.2	<5	31	182	0.148	1.32	462	<10	113
525	11688	flt	sel	54			2.1	2274	6	19	273	3	5	0.3	<5	10	183	0.034	1.45	797	<10	4
526	11687	flt	sel	38			0.8	384	4	8	3	1	3	<0.2	<5	6	192	<0.010	1.70	1119	<10	8
527	11108	rub	sel	32			3.1	4637	5	33	109	11	6	<0.2	<5	<5	<5	0.083	2.04	1016	<10	39
528	11107	trn	rep	82			18.8	7.00%	12	148	4	15	5	0.5	76	13	<5	0.712	>10.00	1128	14	4
529	11105	otc	sel	270			35.7	4.60%	<2	77	11	11	5	0.3	110	38	453	0.370	>10.00	1370	<10	<1
529	11106	otc	sel	41			4	1.06%	<2	38	3	12	8	<0.2	<5	<5	<5	0.103	4.58	1012	<10	4
530	8036	otc	grab	<5			<5	1.46%		210	36	25	37	<10		17	33.9		>10.0		<20	<100
530	8037	otc	grab	<5			<5			<200	<2	<20	<10	<10		9	29.5		>10.0		<20	<100
530	8038	rub	sel	82			28	6.42%		<200	<2	100	32	<10		16	81.7		>10.0		<20	<100

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
512	11109	otc	rep	68	21	<20	<20	6	0.76	0.29	0.58	0.05	0.31	34	6	<2	3	<1	<5	<10	0.12	3		
512	12386	otc	rand	50	32	<20	<20	8	1.35	0.81	0.82	0.06	0.31	83	5	<2	5	3	<5	<10	0.231	2		
513	12385	otc	rand	95	26	<20	<20	6	1.55	1.07	0.64	0.05	0.45	43	6	<2	7	3	<5	<10	0.229	<1		
514	8047	core	grab	130		<200	7	26				2.10							14.0	<1		<500	3.1	8.3
514	8048	dit	grab	90		<200	<2	14				0.39							11.0	<1		<500	1.9	2.4
514	8050	rub	sel	180		<200	13	25				2.20							9.4	1		<500	2.7	10.0
514	12384	otc	rand	56	32	<20	<20	6	1.29	1.02	1.04	0.04	0.25	74	5	<2	7	3	<5	<10	0.207	<1		
514	12393	otc	rand	55	19	<20	<20	6	0.83	0.45	0.53	0.04	0.24	62	4	<2	4	2	<5	<10	0.145	<1		
515	12394	otc	rand	56	24	<20	<20	5	1.03	1.06	0.61	0.03	0.22	53	6	<2	6	2	<5	<10	0.314	<1		
516	11607		sed	10	12	<20	<20	11	0.98	0.80	5.95	<0.01	0.03	429	8	<2	12	<1	<5	<10	0.03	1		
516	11608		pan	178	28	<20	<20	9	1.61	0.97	5.59	0.03	0.30	377	6	6	14	<1	<5	<10	0.06	2		
516	11609	otc	ran	77	20	<20	<20	9	1.22	0.77	0.54	0.05	0.28	38	4	<2	5	1	<5	<10	0.10	4		
517	11180	otc	grab	68	11	<20	<20	4	0.73	0.44	1.89	0.08	0.35	41	5	<2	5	<1	<5	<10	0.09	5		
517	11181	otc	ran	100	21	<20	<20	2	0.56	0.03	5.76	<0.01	<0.01	11	4	<2	<1	<1	<5	<10	0.04	5		
517	11689	flt	sel	91	12	<20	<20	3	0.80	0.59	1.33	0.04	0.21	39	4	<2	4	<1	<5	<10	0.08	1		
518	11693	otc	sel	39	12	<20	<20	5	0.59	0.26	2.51	0.06	0.32	72	5	<2	3	<1	<5	<10	0.08	<1		
518	11694	otc	rand	3	20	<20	24	<1	0.69	4.38	1.90	<0.01	<0.01	84	2	<2	<1	<1	<5	<10	<0.01	<1		
519	11695	otc	rand	64	8	<20	<20	2	0.65	0.53	0.49	0.03	0.18	18	2	<2	5	<1	<5	<10	0.07	4		
520	11696	otc	rand	64	6	<20	<20	2	0.39	0.04	0.23	0.04	0.20	19	2	<2	<1	<1	<5	<10	0.08	3		
521	11182	otc	sel	48	30	<20	<20	7	1.19	0.46	2.74	0.03	0.49	254	10	2	13	<1	<5	<10	0.27	3		
522	11130	flt	sel	10	11	<20	<20	<1	0.02	8.94	<0.01	<0.01	<0.01	3	<1	<2	<1	1	<5	<10	<0.01	<1		
522	11131	flt	sel	61	14	<20	<20	2	0.30	0.24	0.61	0.03	0.06	37	2	<2	2	<1	<5	<10	0.06	<1		
523	11603		sed	11	11	<20	<20	7	0.73	0.85	9.48	<0.01	0.02	214	6	<2	12	<1	<5	<10	0.01	3		
523	11606		pan	138	31	<20	22	9	1.45	1.27	>10.00	0.05	0.28	340	7	4	16	<1	<5	<10	0.05	4		
524	11129	otc	grab	80	28	<20	<20	10	1.74	1.30	1.81	0.05	0.17	48	7	2	22	<1	<5	<10	0.07	<1		
525	11683		sed	17	11	<20	<20	18	1.04	0.85	4.81	<0.01	0.05	464	11	<2	19	<1	<5	<10	<0.01	5		
525	11684		pan	137	17	<20	<20	11	1.22	0.97	9.34	0.04	0.33	905	9	5	18	<1	<5	<10	<0.01	6		
525	11685	flt	sel	73	3	<20	<20	<1	0.05	1.61	5.62	0.01	0.01	485	11	<2	<1	<1	<5	<10	<0.01	<1		
525	11686	flt	sel	20	9	<20	<20	10	0.69	0.08	3.89	0.02	0.06	148	4	<2	1	1	<5	<10	0.08	7		
525	11688	flt	sel	31	10	<20	<20	1	0.58	0.16	>10.00	0.02	<0.01	93	3	<2	<1	<1	<5	<10	0.09	3		
526	11687	flt	sel	18	11	<20	<20	<1	0.83	0.10	>10.00	<0.01	0.02	169	4	<2	1	<1	<5	<10	0.07	2		
527	11108	rub	sel	80	14	<20	<20	<1	0.94	0.47	>10.00	<0.01	0.01	261	3	<2	2	<1	<5	<10	0.11	<1		
528	11107	rub	rep	87	16	<20	<20	4	1.15	0.24	8.37	<0.01	<0.01	75	6	<2	<1	<1	<5	14	0.06	12		
529	11105	otc	sel	75	2	<20	93	42	0.41	0.04	>10.00	<0.01	<0.01	7	3	<2	<1	<1	<5	<10	<0.01	<1		
529	11106	otc	sel	70	38	<20	<20	1	0.60	0.03	9.30	<0.01	<0.01	61	4	<2	<1	<1	<5	<10	0.06	4		
530	8036	otc	grab	66		<200	<2	7				0.36							7.2	<1		<500	10.0	3.3
530	8037	otc	grab	91		<200	2	18				<0.05							1.9	<1		<500	23.0	3.3
530	8038	rub	sel	110		<200	<2	16				0.35							4.9	<1		<500	8.1	2.4

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
530	8040	67.65597	149.26866	Evelyn Lee Prospect	flt	sel	skarn w/ 50% cpy, gar, ca	Chandalar C-5	NW 25	33N	8W	Fairbanks
530	11046	67.65597	149.26866	Evelyn Lee Prospect	otc	sel	skarn w/ 1% cpy, 5% py, mal, az	Chandalar C-5	NW 25	33N	8W	Fairbanks
531	11104	67.65667	149.26667	Evelyn Lee Prospect	otc	sel	qz vein w/ 1% cpy & po	Chandalar C-5	SW 25	33N	8W	Fairbanks
532	8039	67.65778	149.25847	Evelyn Lee Prospect	otc	grab	brn gar skarn w/ no sulfides	Chandalar C-5	NW 25	33N	8W	Fairbanks
533	11727	67.65853	149.23524	Sheep Ck trib		sed		Chandalar C-5	NE 25	33N	8W	Fairbanks
533	11728	67.65853	149.23524	Sheep Ck trib		pan	tr mag, no vis Au	Chandalar C-5	NE 25	33N	8W	Fairbanks
534	11726	67.65907	149.23101	Sheep Ck	flt	sel	qz-ep skarn w/ 2-5% cpy & py	Chandalar C-5	NW 30	33N	7W	Fairbanks
535	11724	67.65545	149.22472	Sheep Ck		sed		Chandalar C-5	C 30	33N	7W	Fairbanks
535	11725	67.65545	149.22472	Sheep Ck		pan	1 v fine Au	Chandalar C-5	C 30	33N	7W	Fairbanks
536	12349	67.65548	149.17815	Horace Mtn	otc	sel	musc qz ser schist w/ 4% py, spy	Chandalar C-5	SW 29	33N	7W	Fairbanks
537	12350	67.65290	149.17772	Horace Mtn	flt	sel	qz musc schist w/ 5-7% py, lim	Chandalar C-5	SW 29	33N	7W	Fairbanks
538	12376	67.65175	149.17799	Horace Mtn		sed		Chandalar C-5	SW 29	33N	7W	Fairbanks
538	12377	67.65175	149.17799	Horace Mtn		pan	minor py, no mag, no vis Au	Chandalar C-5	SW 29	33N	7W	Fairbanks
539	12380	67.64991	149.18300	Horace Mtn	otc	sel	qz musc sch w/ 3-5% py, no lim	Chandalar C-5	SW 29	33N	7W	Fairbanks
540	12378	67.64991	149.18300	Horace Mtn		sed		Chandalar C-5	SW 29	33N	7W	Fairbanks
540	12379	67.64991	149.18300	Horace Mtn		pan	minor py, no mag, no vis Au	Chandalar C-5	SW 29	33N	7W	Fairbanks
541	11223	67.63713	149.19479	Sheep Ck	otc	grab	slt-qz schist w/ py, po	Chandalar C-5	SW 32	33N	7W	Fairbanks
542	11221	67.63713	149.19479	Sheep Ck		sed		Chandalar C-5	SW 32	33N	7W	Fairbanks
542	11222	67.63713	149.19479	Sheep Ck		pan	minor mag, from bedrock	Chandalar C-5	SW 32	33N	7W	Fairbanks
542	11224	67.63713	149.19479	Sheep Ck		pan	1 v fine Au, mod mag and py	Chandalar C-5	SW 32	33N	7W	Fairbanks
543	11225	67.63537	149.19062	Robert Ck		sed		Chandalar C-5	SW 32	33N	7W	Fairbanks
543	11226	67.63537	149.19062	Robert Ck		pan	mod mag, gar (?), lim cube (?)	Chandalar C-5	SW 32	33N	7W	Fairbanks
544	11227	67.62829	149.20384	Robert Ck	otc	sel	limit qz w/ 1% po, cpy (?), lim	Chandalar C-5	NW 6	32N	7W	Fairbanks
545	11769	67.77173	149.05107	Mike	otc	sel	qz-ep skarn	Chandalar D-5	SE 14	34N	7W	Fairbanks
546	12345	67.77748	148.96867	Cindy	otc	cont	silic marble w/ massive py	Chandalar D-4	NW 18	34N	6W	Fairbanks
546	12382	67.77748	148.96867	Cindy	otc	sel	marble w/ 0.5-ft-wide py vein	Chandalar D-4	N 18	34N	6W	Fairbanks
546	12383	67.77748	148.96867	Cindy	flt	sel	hematite w/ 5% go	Chandalar D-4	N 18	34N	6W	Fairbanks
547	11768	67.75517	149.01756	Pilgrim	rub	sel	ser-qz schist w/ 1% diss py & cpy	Chandalar D-5	SE 24	34N	7W	Fairbanks
548	12436	67.73133	149.04993	Robert Ck trib		sed		Chandalar C-5	NE 35	34N	7W	Fairbanks
548	12437	67.73133	149.04993	Robert Ck trib		pan	no vis Au, tr mag, minor sulfides	Chandalar C-5	NE 35	34N	7W	Fairbanks
549	12433	67.68665	149.08535	Horace Mtn trib		sed		Chandalar C-5	NE 15	33N	7W	Fairbanks
549	12434	67.68665	149.08535	Horace Mtn trib		pan	no vis Au, tr mag, sulfides	Chandalar C-5	NE 15	33N	7W	Fairbanks
549	12435	67.68665	149.08535	Horace Mtn trib	flt	sel	qz slt sch w/ fine sulfides, lim	Chandalar C-5	NE 15	33N	7W	Fairbanks
550	12480	67.66957	149.06633	Horace Mtn	otc	sel	qz ser sch w/ 1% diss py	Chandalar C-5	NE 23	33N	7W	Fairbanks
550	12481	67.67175	149.06687	Horace Mtn	otc	sel	qz ser sch w/ 2-3% py	Chandalar C-5	NE 23	33N	7W	Fairbanks
551	12482	67.66730	149.06298	Horace Mtn		sed		Chandalar C-5	SE 23	33N	7W	Fairbanks
551	12483	67.66730	149.06298	Horace Mtn		pan	no vis Au, mod mag, minor py	Chandalar C-5	SE 23	33N	7W	Fairbanks
552	12291	67.66499	149.04748	Willow Ck		pan	1 fine, 1 v fine Au; abu gar	Chandalar C-5	SE 23	33N	7W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
530	8040	flt	sel	300			13	5.01%		<200	7	41	<10	<10		35	22.2		>10.0		<20	<100
530	11046	otc	sel	1896			8.6	3.50%	<2	165	4	27	34	0.5	63	21	<5	0.170	7.05	1479	<10	5
531	11104	otc	sel	5			0.9	1407	<2	32	7	8	2	<0.2	<5	<5	<5	0.074	1.02	537	<10	16
532	8039	otc	grab	17			<5			<200	97	48	28	<10		33	27.5		4.7		<20	<100
533	11727		sed	111			0.5	38	7	36	1	13	8	<0.2	<5	12	<5	0.018	2.01	462	<10	14
533	11728		pan	2795	<5	<1	<0.2	201	51	45	2	25	13	0.2	<5	20	<5	0.014	3.41	725	<10	59
534	11726	flt	sel	28			2.6	3307	51	16	3	5	6	<0.2	<5	20	20	0.023	2.85	848	<10	2
535	11724		sed	<5			0.2	27	5	49	1	28	12	<0.2	<5	15	<5	0.023	3.22	639	<10	8
535	11725		pan	23	<5	<1	<0.2	29	6	50	1	28	9	<0.2	<5	10	<5	0.011	3.46	623	<10	44
536	12349	otc	sel	155			8.7	154	146	36	12	9	9	37.1	138	1.58%	39	0.014	>10.00	186	<10	10
537	12350	flt	sel	100			22.6	2034	874	546	16	15	23	21.1	699	7400	35	0.036	>10.00	749	<10	12
538	12376		sed	<5			<0.2	141	61	775	3	51	42	7.8	<5	120	<5	0.022	4.33	5416	<10	22
538	12377		pan	<5	<5	<1	<0.2	87	43	159	4	23	13	0.9	<5	104	<5	0.017	4.04	836	<10	50
539	12380	otc	sel	23			1.9	16	64	27	7	7	3	0.5	<5	112	<5	0.026	3.94	20	<10	19
540	12378		sed	18			1.8	197	110	158	3	19	8	0.7	8	189	<5	0.080	7.10	468	<10	26
540	12379		pan	18	<5	<1	<0.2	78	29	158	3	22	13	0.7	<5	67	<5	0.016	4.36	716	<10	54
541	11223	otc	grab	<5			0.8	44	9	77	3	29	6	0.6	<5	8	<5	<0.010	2.11	407	<10	184
542	11221		sed	<5			0.2	29	8	56	<1	28	10	<0.2	<5	14	<5	0.011	2.85	647	<10	10
542	11222		pan	14	<5	5	0.4	81	22	88	3	40	14	0.3	<5	46	<5	0.027	4.42	768	<10	127
542	11224		pan	678	10	7	0.5	78	21	81	3	52	21	0.6	<5	130	<5	0.030	4.01	653	<10	177
543	11225		sed	<5			<0.2	48	13	76	1	29	11	<0.2	<5	16	<5	0.013	3.04	628	<10	12
543	11226		pan	259	8	3	<0.2	91	16	78	5	35	13	0.5	<5	35	<5	0.032	6.62	2234	<10	68
544	11227	otc	sel	<5			0.3	39	29	40	<1	29	13	0.3	<5	<5	<5	<0.010	2.51	502	<10	3
545	11769	otc	sel	29			0.8	167	15	45	12	10	13	<0.2	10	69	335	0.024	2.16	204	<10	27
546	12345	otc	cont	473			5.6	131	197	81	33	126	95	4.8	140	1808	33	0.111	>10.00	3584	<10	9
546	12382	otc	sel	1438			91.3	319	1422	50	18	30	93	3.0	573	1220	464	0.815	>10.00	21	34	7
546	12383	flt	sel	147			151.6	1591	4.24%	21.01%	<1	2	34	506.9	413	1038	52	34.960	>10.00	233	41	6
547	11768	rub	sel	6			<0.2	332	3	75	3	37	39	0.2	<5	47	115	0.018	4.41	536	<10	64
548	12436		sed	<5			0.2	29	6	80	<1	39	15	<0.2	<5	11	<5	0.021	4.26	530	<10	16
548	12437		pan	8	<5	<1	0.2	34	39	102	<1	51	19	<0.2	<5	10	<5	0.016	5.43	735	<10	71
549	12433		sed	6			<0.2	36	14	56	1	31	15	<0.2	<5	11	<5	0.019	3.03	658	<10	13
549	12434		pan	38	<5	<1	<0.2	28	13	69	2	34	19	<0.2	<5	7	<5	0.012	3.94	641	<10	71
549	12435	flt	sel	11			<0.2	44	58	67	12	40	38	<0.2	<5	52	36	<0.010	6.06	482	<10	37
550	12480	otc	sel	9			1.4	11	46	4	116	2	<1	0.2	19	54	<5	0.013	0.94	28	<10	12
550	12481	otc	sel	62			0.6	17	44	7	37	9	9	0.4	<5	134	6	<0.010	2.58	30	<10	59
551	12482		sed	<5			0.2	52	19	81	4	34	14	0.5	<5	17	<5	0.016	3.09	554	<10	20
551	12483		pan	6	<5	1	0.3	34	16	70	4	28	12	0.2	<5	10	<5	0.013	3.48	570	<10	234
552	12291		pan	9322	<5	<1	<0.2	70	29	87	5	46	36	1.9	<5	326	<5	0.049	7.48	2913	<10	92

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
530	8040	flt	sel	97		<200	<3	13				0.13							8.2	<1		<300	13.0	3.7
530	11046	otc	sel	61	16	<20	<20	2	1.08	0.06	7.65	0.01	0.02	43	6	<2	<1	<1	<5	<10	0.08	12		
531	11104	otc	sel	246	2	<20	<20	<1	0.12	0.03	4.98	<0.01	0.08	126	2	<2	<1	<1	<5	<10	<0.01	<1		
532	8039	otc	grab	160		<200	3	18				1.00							13.0	1		<500	5.3	13.0
533	11727		sed	6	8	<20	<20	10	0.67	0.53	>10.00	<0.01	0.16	1137	10	<2	9	<1	<5	<10	0.04	<1		
533	11728		pan	171	22	<20	29	42	1.32	0.84	5.41	0.07	0.37	337	16	<2	13	<1	<5	<10	0.10	5		
534	11726	flt	sel	30	23	<20	<20	13	0.75	0.03	9.65	<0.01	<0.01	148	7	<2	<1	<1	<5	<10	0.19	14		
535	11724		sed	16	12	<20	<20	13	1.11	1.12	6.68	<0.01	0.04	342	8	<2	20	<1	<5	<10	<0.01	4		
535	11725		pan	108	20	<20	<20	8	1.49	1.41	9.78	0.04	0.29	581	7	5	21	<1	<5	<10	<0.01	4		
536	12349	otc	sel	148	8	<20	<20	4	0.32	0.09	0.05	0.01	0.05	8	2	5	3	<1	<5	<10	0.016	<1		
537	12350	flt	sel	122	15	22	<20	4	0.69	0.19	0.29	0.01	0.09	16	4	9	8	<1	<5	<10	0.018	9		
538	12376		sed	16	18	<20	<20	55	1.71	0.93	0.28	<0.01	0.17	18	29	<2	26	<1	<5	<10	0.022	2		
538	12377		pan	194	25	<20	<20	24	1.60	0.74	0.21	0.04	0.37	17	11	<2	28	1	<5	<10	0.027	6		
539	12380	otc	sel	175	5	<20	<20	1	0.27	0.01	0.07	0.02	0.13	6	<1	<2	2	<1	<5	<10	<0.010	<1		
540	12378		sed	20	18	<20	<20	17	1.23	0.69	0.25	0.01	0.18	21	9	<2	17	<1	<5	<10	0.011	<1		
540	12379		pan	196	25	<20	<20	18	1.55	0.72	0.17	0.04	0.38	13	10	<2	26	1	<5	<10	0.027	5		
541	11223	otc	grab	44	38	<20	<20	6	1.58	1.96	>10.00	<0.01	0.21	514	7	<2	26	<1	<5	<10	0.06	2		
542	11221		sed	13	12	<20	<20	11	1.02	1.09	6.66	<0.01	0.05	344	8	<2	18	<1	<5	<10	<0.01	<1		
542	11222		pan	190	30	<20	<20	15	1.71	1.59	>10.00	0.05	0.37	605	13	3	23	<1	<5	<10	0.05	4		
542	11224		pan	185	36	<20	<20	17	1.66	1.68	>10.00	0.04	0.40	570	12	<2	24	<1	<5	<10	0.05	4		
543	11225		sed	15	16	<20	<20	13	1.12	1.10	4.39	<0.01	0.04	216	8	3	20	<1	<5	<10	0.02	<1		
543	11226		pan	299	40	<20	<20	52	2.03	0.98	7.47	0.07	0.24	290	42	<2	15	<1	16	<10	0.15	<1		
544	11227	otc	sel	139	8	<20	<20	<1	0.62	0.42	1.44	<0.01	0.03	56	4	<2	10	<1	<5	<10	<0.01	<1		
545	11769	otc	sel	108	19	<20	<20	10	0.88	0.15	1.97	0.02	0.08	175	7	2	<1	<1	<5	<10	0.21	4		
546	12345	otc	cont	9	3	<20	<20	2	0.08	5.48	>10.00	<0.01	0.02	98	2	<2	2	<1	<5	<10	<0.010	<1		
546	12382	otc	sel	51	3	<20	<20	<1	0.05	0.05	0.11	<0.01	0.01	13	<1	<2	1	<1	<5	<10	<0.010	<1		
546	12383	flt	sel	17	2	<20	<20	<1	0.05	0.02	0.03	<0.01	<0.01	12	<1	2	1	<1	<5	<10	<0.010	<1		
547	11768	rub	sel	131	24	<20	<20	4	1.24	0.75	0.12	<0.01	0.45	11	8	2	5	<1	<5	<10	0.10	19		
548	12436		sed	27	21	<20	<20	23	1.88	1.33	4.78	<0.01	0.05	469	10	<2	32	<1	<5	<10	<0.010	3		
548	12437		pan	193	29	<20	<20	14	2.45	1.64	4.18	0.04	0.29	451	7	<2	48	<1	<5	<10	<0.010	4		
549	12433		sed	16	16	<20	<20	17	1.14	0.77	3.00	<0.01	0.07	126	11	<2	15	<1	<5	<10	0.031	1		
549	12434		pan	151	30	<20	<20	28	1.79	0.93	1.89	0.05	0.35	130	13	<2	27	2	<5	<10	0.063	3		
549	12435	flt	sel	31	18	<20	<20	15	2.52	1.90	0.60	0.02	0.28	36	6	3	30	<1	<5	<10	<0.010	1		
550	12480	otc	sel	82	3	<20	<20	2	0.31	0.01	<0.01	0.01	0.25	2	4	<2	2	2	<5	<10	<0.010	4		
550	12481	otc	sel	87	13	<20	<20	8	0.55	0.06	0.12	0.03	0.40	7	13	<2	7	2	<5	<10	0.129	2		
551	12482		sed	16	17	<20	<20	18	1.10	1.04	1.99	<0.01	0.19	48	12	<2	16	1	<5	<10	0.043	2		
551	12483		pan	177	31	<20	<20	31	1.66	1.32	4.57	0.05	0.48	107	16	<2	24	2	<5	<10	0.070	3		
552	12291		pan	397	37	<20	31	43	2.47	0.56	1.58	0.08	0.20	40	59	<2	18	2	29	<10	0.139	2		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
552	12292	67.66459	149.04748	Willow Ck		sed		Chandalar C-5	SE 23	33N	7W	Fairbanks
552	12293	67.66499	149.04748	Willow Ck	flt	sel	mica qtz w/py, tr cpy(?), bn	Chandalar C-5	SE 23	33N	7W	Fairbanks
553	12298	67.66518	148.99267	Willow Ck	otc	sel	ser musc sch w/ 1% cpy, 1% py	Chandalar C-4	SW 19	33N	6W	Fairbanks
553	12299	67.66554	148.99501	Willow Ck	otc	sel	musc qz sch w/ 0.8-ft-wide py lens	Chandalar C-4	SW 19	33N	6W	Fairbanks
553	12371	67.66142	148.99707	Willow Ck South trib	otc	sel	qz musc ser sch w/ 5% py/apy, sl	Chandalar C-4	NW 30	33N	6W	Fairbanks
553	12372	67.66151	148.99686	Willow Ck, South trib	otc	spac	musc qz sch w/ py, tr cpy, apy, sl	Chandalar C-4	NW 30	33N	6W	Fairbanks
553	12373	67.66595	148.99914	Willow Ck	otc	sel	1-ft-wide qz vein w/ 1% py & apy	Chandalar C-5	SW 25	33N	6W	Fairbanks
553	12374	67.66309	149.00445	Willow Ck		sed		Chandalar C-5	SW 25	33N	6W	Fairbanks
553	12375	67.66309	149.00445	Willow Ck		pan	collected from broken bedrock	Chandalar C-5	SW 25	33N	6W	Fairbanks
554	12294	67.66457	148.98531	Willow Ck		pan	minor mag & gar, mod py	Chandalar C-4	SW 19	33N	6W	Fairbanks
554	12295	67.66457	148.98531	Willow Ck		sed		Chandalar C-4	SW 19	33N	6W	Fairbanks
554	12296	67.66457	148.98531	Willow Ck	flt	sel	gar-ep-skarn w/ tr cpy, py, po	Chandalar C-4	SW 19	33N	6W	Fairbanks
554	12297	67.66403	148.98723	Willow Ck	otc	sel	musc sch sch w/ 5-10% py/apy	Chandalar C-4	SW 19	33N	6W	Fairbanks
555	11714	67.64516	148.92283	Willow Ck trib		sed		Chandalar C-4	NW 33	32N	6W	Fairbanks
555	11715	67.64516	148.92283	Willow Ck trib		pan	tr mag, no vis Au	Chandalar C-4	NW 33	32N	6W	Fairbanks
555	11716	67.64516	148.92283	Willow Ck trib	flt	sel	aplite w/ sl(?)	Chandalar C-4	NW 33	32N	6W	Fairbanks
556	11712	67.64357	148.90443	Willow Ck trib		sed		Chandalar C-4	NE 33	32N	6W	Fairbanks
556	11713	67.64357	148.90443	Willow Ck trib		pan	no mag, no vis Au	Chandalar C-4	NE 33	32N	6W	Fairbanks
557	11710	67.64285	148.89191	Willow Ck	flt	sel	hfls w/ sil(?), abu lim, tr MnO	Chandalar C-4	NW 34	33N	6W	Fairbanks
557	11711	67.64285	148.89191	Willow Ck	otc	rand	qz-mica schist w/ sl(?)	Chandalar C-4	NW 34	33N	6W	Fairbanks
557	12337	67.64407	148.89221	Willow Ck	otc	cont	silic hfls w/ 1% fine py, po, sl	Chandalar C-4	NW 34	33N	6W	Fairbanks
557	12338	67.64333	148.89292	Willow Ck	otc	cont	hfls w/ 5% diss sulfides	Chandalar C-4	NW 34	33N	6W	Fairbanks
557	12344	67.64375	148.89403	Willow Ck	otc	cont	silic hfls w/ 1% gray mineral	Chandalar C-4	NW 34	33N	6W	Fairbanks
557	12381	67.64365	148.89118	Willow Ck	otc	cont	calc hfls w/ 1-2% diss sulfides	Chandalar C-4	NW 34	33N	6W	Fairbanks
558	11717	67.65051	148.90714	Willow Ck		sed		Chandalar C-4	SE 28	33N	6W	Fairbanks
558	11718	67.65051	148.90714	Willow Ck		pan	tr mag, 2 small gar	Chandalar C-4	SE 28	33N	6W	Fairbanks
559	11886	67.67256	148.97196	Willow Ck	otc	sel	calc hfls w/ tr po	Chandalar C-4	NW 20	33N	6W	Fairbanks
560	11887	67.68984	148.96636	Willow Ck		sed		Chandalar C-4	NW 17	33N	6W	Fairbanks
561	12339	67.65948	148.83099	Willow Ck		sed		Chandalar C-4	NE 26	33N	6W	Fairbanks
561	12340	67.65948	148.83099	Willow Ck		pan	no mag, no vis Au	Chandalar C-4	NE 26	33N	6W	Fairbanks
561	12341	67.65986	148.83167	Willow Ck		sed		Chandalar C-4	NE 26	33N	6W	Fairbanks
561	12342	67.65986	148.83167	Willow Ck		pan	no blk sands	Chandalar C-4	NE 26	33N	6W	Fairbanks
561	12343	67.66052	148.82965	Willow Ck	flt	sel	qz ep skarn w/ 2% py	Chandalar C-4	NE 26	33N	6W	Fairbanks
562	11863	67.68126	148.81316	Geroe Ck	flt	sel	meta granite w/ 1% py, cpy, sl(?)	Chandalar C-4	SW 13	33N	6W	Fairbanks
562	11864	67.68126	148.81316	Geroe Ck	flt	sel	ser-qz schist w/ 1% gn, <10% py	Chandalar C-4	SW 13	33N	6W	Fairbanks
562	11865	67.68286	148.81383	Geroe Ck	flt	sel	ser-qz schist w/ <10% py	Chandalar C-4	SW 13	33N	6W	Fairbanks
563	11884	67.67424	148.78348	Arsine West	flt	sel	silic rock w/ 5% py	Chandalar C-4	NE 24	33N	6W	Fairbanks
563	11885	67.67616	148.77613	Arsine West	flt	sel	silic rock w/ <20% mag, py	Chandalar C-4	NW 19	33N	5W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
552	12292		sed	<5			<0.2	57	13	146	3	59	23	1.0	<5	52	<5	0.016	3.35	498	<10	35
552	12293	flt	sel	<5			<0.2	28	23	34	8	20	14	0.3	<5	73	<5	0.017	2.96	175	<10	31
553	12298	otc	sel	6			0.3	384	23	85	4	22	22	0.6	<5	58	<5	<0.010	4.64	359	<10	35
553	12299	otc	sel	9			1.7	142	101	94	13	12	8	0.9	16	187	<5	0.016	9.32	503	<10	29
553	12371	otc	sel	18			1.4	840	71	118	6	10	6	1.0	137	129	<5	0.027	6.55	319	<10	8
553	12372	otc	spac	48			2.4	1679	137	367	5	9	4	2.1	118	85	<5	0.041	6.76	297	<10	17
553	12373	otc	sel	<5			0.3	83	18	39	6	71	35	0.2	<5	27	<5	0.011	4.57	394	<10	17
553	12374		sed	<5			<0.2	50	14	104	2	38	19	0.4	<5	41	<5	0.016	4.10	599	<10	32
553	12375		pan	10	<5	<1	<0.2	46	12	53	4	26	18	0.3	<5	23	<5	0.011	3.69	1505	<10	44
554	12294		pan	21.12 ppm	<5	1	0.3	56	28	88	5	47	35	1.8	<5	246	<5	0.071	7.44	2903	<10	93
554	12295		sed	<5			<0.2	60	20	140	4	46	19	0.5	<5	41	<5	0.029	4.00	506	<10	30
554	12296	flt	sel	<5			0.2	16	22	3295	1	14	8	34.9	<5	16	<5	0.177	3.80	2702	<10	4
554	12297	otc	sel	12			2.2	227	123	36	3	41	29	111.5	34	4.64%	32	0.017	5.16	386	<10	20
555	11714		sed	<5			<0.2	32	17	85	7	24	8	<0.2	<5	35	<5	0.034	5.10	229	<10	44
555	11715		pan	105	<5	2	<0.2	58	6	105	4	59	38	0.9	<5	21	<5	<0.010	4.63	970	<10	147
555	11716	flt	sel	<5			<0.2	17	4	78	7	27	10	0.2	<5	<5	69	<0.010	3.04	474	<10	39
556	11712		sed	<5			<0.2	43	15	106	5	36	14	0.4	<5	39	<5	0.037	5.28	241	<10	31
556	11713		pan	5	<5	2	<0.2	35	10	87	6	33	17	0.5	<5	22	5	<0.010	4.57	479	<10	108
557	11710	flt	sel	153			<0.2	29	4	36	4	3	9	<0.2	<5	29	1.46%	0.051	2.84	360	<10	84
557	11711	otc	rand	8			0.9	26	89	33	21	18	5	0.8	<5	44	229	<0.010	1.53	28	<10	92
557	12337	otc	cont	9			0.6	60	4	3.09%	16	32	25	348.8	<5	61	<5	0.214	3.31	137	13	31
557	12338	otc	cont	<5			0.3	99	16	149	13	63	22	1.5	<5	62	<5	0.015	2.48	59	<10	78
557	12344	otc	cont	11			0.3	35	3	113	8	38	17	1.6	<5	26	<5	<0.010	1.97	75	<10	41
557	12381	otc	cont	<5			0.6	11	29	988	3	24	9	11.8	<5	8	<5	<0.010	1.13	877	<10	2
558	11717		sed	11			<0.2	51	13	126	3	48	21	1.0	<5	64	<5	0.020	3.32	419	<10	26
558	11718		pan	15	<5	2	<0.2	50	23	95	5	46	24	1.2	<5	167	5	0.013	5.97	1871	<10	116
559	11886	otc	sel	8			0.6	227	4	17	16	51	13	<0.2	<5	25	60	0.011	1.12	59	<10	83
560	11887		sed	<5			<0.2	36	25	114	3	34	16	0.7	<5	56	<5	0.019	4.34	827	<10	21
561	12339		sed	<5			0.4	74	24	169	7	71	23	1.5	<5	69	<5	0.018	3.73	382	<10	104
561	12340		pan	66	<5	<1	<0.2	42	13	131	3	46	30	0.8	<5	51	<5	<0.010	3.30	684	<10	61
561	12341		sed	<5			<0.2	81	31	233	5	35	18	0.8	<5	81	<5	<0.010	4.49	505	<10	16
561	12342		pan	20	<5	<1	0.5	32	10	99	2	41	16	0.5	<5	15	<5	<0.010	3.39	660	<10	180
561	12343	flt	sel	<5			<0.2	6	18	25	2	6	8	0.3	<5	9	<5	<0.010	1.97	471	<10	11
562	11863	flt	sel	37			0.6	1457	25	40	37	3	<1	0.5	<5	41	189	0.737	0.48	124	<10	12
562	11864	flt	sel	<5			<0.2	23	106	7	3212	7	7	0.2	<5	<5	15	0.023	1.30	28	<10	23
562	11865	flt	sel	<5			<0.2	14	12	3	46	3	1	<0.2	<5	<5	116	0.016	1.96	22	<10	17
563	11884	flt	sel	<5			<0.2	19	3	3	3	3	1	<0.2	<5	28	11	<0.010	1.53	19	<10	11
563	11885	flt	sel	<5			0.8	138	100	140	135	10	40	0.4	<5	<5	14	0.051	>10.00	419	<10	2

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
552	12292		sed	17	22	<20	<20	42	1.29	0.91	0.93	<0.01	0.08	33	22	<2	20	1	<5	<10	0.042	<1		
552	12293	flt	sel	110	13	<20	<20	8	0.58	0.37	1.07	0.02	0.16	28	9	<2	10	1	<5	<10	0.109	<1		
553	12298	otc	sel	82	21	<20	<20	8	1.39	0.93	0.23	0.02	0.27	12	8	3	23	1	<5	<10	0.082	<1		
553	12299	otc	sel	101	14	<20	<20	5	1.08	0.72	0.52	0.02	0.19	18	5	3	18	<1	<5	<10	0.023	<1		
553	12371	otc	sel	148	15	<20	<20	6	0.71	0.59	0.74	0.02	0.05	35	6	8	10	<1	<5	<10	<0.010	4		
553	12372	otc	spac	169	9	29	<20	4	0.58	0.40	0.22	0.01	0.09	8	2	4	10	<1	<5	<10	<0.010	1		
553	12373	otc	sel	165	9	<20	<20	4	0.41	0.25	0.08	0.01	0.08	23	2	<2	8	<1	<5	<10	<0.010	<1		
553	12374		sed	24	29	<20	<20	18	1.71	1.13	0.49	<0.01	0.13	25	13	<2	30	1	<5	<10	0.042	1		
553	12375		pan	201	29	<20	<20	22	1.61	0.55	0.62	0.09	0.36	18	28	<2	34	2	12	<10	0.097	3		
554	12294		pan	449	40	<20	51	38	2.84	0.59	1.22	0.09	0.21	31	68	<2	20	2	34	<10	0.133	2		
554	12295		sed	27	31	<20	<20	34	1.65	1.23	0.40	<0.01	0.12	20	30	<2	28	2	<5	<10	0.060	<1		
554	12296	flt	sel	37	20	<20	<20	6	1.20	0.51	8.37	0.12	0.03	191	8	<2	12	1	<5	<10	0.101	<1		
554	12297	otc	sel	86	9	<20	<20	15	0.55	0.29	0.19	0.01	0.10	7	8	3	10	<1	<5	<10	<0.010	2		
555	11714		sed	29	41	<20	<20	24	1.82	1.13	0.12	<0.01	0.07	25	10	<2	27	4	<5	<10	0.15	<1		
555	11715		pan	361	42	<20	<20	33	2.11	0.70	0.71	0.06	0.25	23	33	3	21	2	12	<10	0.09	3		
555	11716	flt	sel	72	35	<20	<20	6	1.49	1.08	1.01	0.03	0.39	27	6	<2	22	2	<5	<10	0.13	<1		
556	11712		sed	26	30	<20	<20	27	2.11	0.94	0.13	0.01	0.06	36	17	<2	25	2	8	<10	0.11	<1		
556	11713		pan	309	45	<20	<20	12	1.69	1.00	0.21	0.06	0.30	25	10	<2	24	3	<5	<10	0.13	1		
557	11710	flt	sel	87	72	<20	<20	3	2.00	0.63	1.23	0.20	0.16	78	6	3	8	6	<5	<10	0.09	<1		
557	11711	otc	rand	163	41	<20	<20	3	0.20	0.05	0.32	0.02	0.05	58	4	<2	1	4	<5	<10	0.07	2		
557	12337	otc	cont	72	28	<20	<20	8	0.67	0.14	1.13	0.01	0.02	117	8	<2	1	3	<5	<10	0.250	3		
557	12338	otc	cont	79	31	<20	<20	14	0.67	0.11	1.35	0.02	0.16	63	10	<2	6	3	<5	<10	0.161	2		
557	12344	otc	cont	73	34	<20	<20	8	0.71	0.15	1.04	0.03	0.08	50	7	<2	2	5	<5	<10	0.346	<1		
557	12381	otc	cont	47	16	<20	<20	10	1.09	0.08	>10.00	<0.01	<0.01	55	11	<2	1	1	<5	<10	0.166	<1		
558	11717		sed	18	23	<20	<20	29	1.30	0.81	0.72	<0.01	0.08	30	16	<2	19	1	<5	<10	0.05	<1		
558	11718		pan	289	37	<20	<20	25	2.16	0.71	1.10	0.08	0.26	39	37	<2	18	1	17	<10	0.12	2		
559	11886	otc	sel	62	25	<20	<20	5	0.41	0.33	2.07	<0.01	0.07	128	4	2	2	3	<5	<10	0.17	<1		
560	11887		sed	20	22	<20	<20	19	1.59	1.30	1.37	<0.01	0.07	41	10	3	27	1	<5	<10	0.03	2		
561	12339		sed	29	51	<20	<20	36	1.72	1.62	1.40	<0.01	0.13	56	17	<2	23	3	<5	<10	0.069	<1		
561	12340		pan	195	29	<20	<20	27	1.54	0.86	0.40	0.04	0.23	22	18	<2	23	2	<5	<10	0.094	<1		
561	12341		sed	21	27	<20	<20	44	1.68	0.97	0.32	<0.01	0.13	21	46	<2	23	1	<5	<10	0.053	<1		
561	12342		pan	211	40	<20	<20	14	2.03	1.70	7.57	0.03	0.40	182	11	<2	32	2	<5	<10	0.100	<1		
561	12343	flt	sel	67	41	<20	<20	21	1.86	0.15	1.72	0.04	0.09	533	8	3	4	4	<5	<10	0.197	<1		
562	11863	flt	sel	140	<1	<20	<20	9	0.24	0.01	0.10	0.06	0.16	3	8	<2	<1	1	<5	<10	<0.01	13		
562	11864	flt	sel	131	<1	<20	<20	1	0.26	0.02	<0.01	0.03	0.23	3	3	<2	<1	3	<5	<10	<0.01	11		
562	11865	flt	sel	158	<1	<20	<20	7	0.29	<0.01	<0.01	0.04	0.22	3	2	<2	<1	1	<5	<10	<0.01	6		
563	11884	flt	sel	143	<1	<20	<20	2	0.56	0.01	<0.01	0.01	0.29	2	2	<2	1	3	<5	<10	<0.01	7		
563	11885	flt	sel	204	7	<20	<20	3	0.26	0.02	0.03	0.02	0.05	2	8	<2	1	<1	<5	<10	<0.01	2		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
564	11866	67.69683	148.75614	Geroe Ck trib		sed		Chandalar C-4	SE 7	33N	5W	Fairbanks
564	11867	67.69683	148.75614	Geroe Ck trib		pan	tr mag, no vis Au	Chandalar C-4	SE 7	33N	5W	Fairbanks
564	11868	67.69574	148.75229	Geroe Ck trib		sed		Chandalar C-4	SE 7	33N	5W	Fairbanks
564	11869	67.69574	148.75229	Geroe Ck trib		pan	minor mag, tr py, no vis Au	Chandalar C-4	SE 7	33N	5W	Fairbanks
565	11881	67.66542	148.69060	Arsine	rub	sel	granite gneiss w/ 2-3% po	Chandalar C-4	SW 21	33N	5W	Fairbanks
565	11882	67.66579	148.68432	Arsine	otc	sel	qz-monz w/ minor po, 1-2% py	Chandalar C-4	SE 21	33N	5W	Fairbanks
566	11883	67.66611	148.66903	Arsine		pan	no mag, no vis Au	Chandalar C-4	SE 21	33N	5W	Fairbanks
567	11917	67.55379	148.18868	Little Squaw	otc	rand	mixed ch-qz schist & qz vlets	Chandalar C-3	NW 34	32N	3W	Fairbanks
568	11957	67.54479	148.21096	Enevelo, Juniper	otc	cont	25-ft-wide qz vein w/ 1-2% apy	Chandalar C-3	NE 4	31N	3W	Fairbanks
569	11956	67.54191	148.20102	Enevelo, Juniper	flt	sel	bio-qz schist w/ 3% py	Chandalar C-3	NW 3	31N	3W	Fairbanks
570	11916	67.54038	148.18100	Little Squaw	otc	sel	qz vlets and ch-schist	Chandalar C-3	SE 3	31N	3W	Fairbanks
571	11914	67.50843	148.18566	Big Ck area	rub	rand	greenstone w/ tr cpy	Chandalar C-3	SE 15	31N	3W	Fairbanks
571	11915	67.51037	148.18425	Big Ck area	rub	rand	greenstone schist w/ tr py	Chandalar C-3	SE 15	31N	3W	Fairbanks
571	11918	67.51037	148.18425	Big Ck area	rub	rand	greenstone w/ tr py (see also p. B-1)	Chandalar C-3	SE 15	31N	3W	Fairbanks
572	11908	67.52608	148.19986	Big Ck		sln	8 coarse, 11 fine, 20+ v fine Au	Chandalar C-3	NE 16	31N	3W	Fairbanks
572	11985	67.52078	148.19613	St Mary's Gulch	flt	sel	hydro-alt greenstone w/ 7% py	Chandalar C-3	SW 10	31N	3W	Fairbanks
573	11981	67.52503	148.21699	St Mary's Gulch	flt	sel	vein qz w/ 1% py	Chandalar C-3	SE 9	31N	3W	Fairbanks
573	11982	67.52503	148.21699	St Mary's Gulch	otc	rand	ch-schist w/ qz, <1% po, lim	Chandalar C-3	SE 9	31N	3W	Fairbanks
573	11983	67.52503	148.21699	St Mary's Gulch	otc	cont	gouge & ch-qz schist w/ lim	Chandalar C-3	SE 9	31N	3W	Fairbanks
573	11984	67.52503	148.21699	St Mary's Gulch	otc	grab	0.5-ft-wide qz vein w/ 1% apy	Chandalar C-3	SE 9	31N	3W	Fairbanks
574	11906	67.53381	148.25001	Mikado Mine	dump	sel	vein qz w/ vis Au, As, sl	Chandalar C-3	SE 5	31N	3W	Fairbanks
574	11943	67.53377	148.24846	Mikado Mine	otc	cont	1-in-wide qz vein w/ <1% py	Chandalar C-3	NE 8	31N	3W	Fairbanks
574	11944	67.53377	148.24846	Mikado Mine	otc	cont	<1-in-wide qz vein w/ tr py & apy	Chandalar C-3	NE 8	31N	3W	Fairbanks
574	11945	67.53377	148.24846	Mikado Mine	otc	sel	qz vein w/ >2% py, apy	Chandalar C-3	NE 8	31N	3W	Fairbanks
574	11986	67.53158	148.24283	Star lode	otc	rand	1.5-ft-wide qz veins w/ 5% apy, tco	Chandalar C-3	NE 8	31N	3W	Fairbanks
575	11897	67.52202	148.38959	Tobin Ck area	flt	sel	greenstone w/ <1% diss sulfides	Chandalar C-3	SW 11	31N	4W	Fairbanks
575	11898	67.52202	148.38959	Tobin Ck area	otc	sel	greenstone w/ <1% py	Chandalar C-3	SW 11	31N	4W	Fairbanks
575	11899	67.52146	148.39099	Tobin Ck area	flt	sel	meta-greenstone w/ diss mag	Chandalar C-3	SW 11	31N	4W	Fairbanks
576	11900	67.52686	148.38633	Tobin Ck area	otc	rand	greenstone w/ <1% diss py	Chandalar C-3	NW 11	31N	4W	Fairbanks
576	11941	67.52686	148.38633	Tobin Ck area	otc	sel	greenstone w/ 1-2% diss py, po	Chandalar C-3	NW 11	31N	4W	Fairbanks
577	11942	67.54542	148.40723	Tobin Ck area	rub	sel	greenstone	Chandalar C-3	NE 4	31N	4W	Fairbanks
578	11820	67.38404	148.96886	Horse Ck	otc	sel	qz-mica schist w/ 1% py	Chandalar B-4	NW 31	30N	6W	Fairbanks
578	11821	67.38404	148.96886	Horse Ck	rub	sel	meta qz	Chandalar B-4	NW 31	30N	6W	Fairbanks
579	11839	67.39614	149.12706	Denny's Gulch		pan	few py xls, no mag, no vis Au	Chandalar B-5	NW 28	30N	7W	Fairbanks
579	11840	67.39614	149.12706	Denny's Gulch		sed		Chandalar B-5	NW 28	30N	7W	Fairbanks
580	11248	67.37746	149.14892	Dennys Gulch		pan	2 coarse angular Au pieces	Chandalar B-5	SE 32	30N	7W	Fairbanks
580	11249	67.38000	149.15485	Dennys Gulch	otc	sel	0.2-ft-wide qz vein w/ abu lim	Chandalar B-5	SE 32	30N	7W	Fairbanks
580	11290	67.37879	149.15752	Dennys Gulch	otc	sel	qz vein w/ cpy (?), abu lim	Chandalar C-5	SW32	30N	7W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
564	11866		sed	<5			<0.2	92	46	172	14	18	8	1.3	<5	8	<5	0.022	1.37	612	<10	28
564	11867		pan	34	<5	5	<0.2	53	30	59	12	13	7	0.8	<5	9	<5	<0.010	1.32	601	<10	44
564	11868		sed	29			<0.2	68	11	91	3	33	18	0.6	<5	264	<5	<0.010	3.00	529	<10	23
564	11869		pan	65	<5	5	<0.2	93	20	93	6	38	28	1.5	<5	284	<5	<0.010	4.68	1510	<10	46
565	11881	rub	sel	<5			0.3	130	<2	127	3	29	15	0.3	<5	19	9	0.011	3.00	416	<10	32
565	11882	otc	sel	<5			<0.2	64	5	47	3	22	10	<0.2	<5	84	21	<0.010	3.58	235	<10	26
566	11883		pan	8	5	5	<0.2	45	9	77	5	33	12	0.5	<5	35	<5	<0.010	5.36	523	<10	93
567	11917	otc	rand	119			<0.2	33	6	72	1	22	5	1.2	<5	1522	89	0.012	3.80	238	<10	53
568	11957	otc	cont	1254			1.6	106	35	14	2	5	4	<38.8	<5	>10000	63	0.014	5.26	44	<10	2
569	11956	flt	sel	<5			<0.2	18	17	24	2	11	6	<0.2	<5	21	<5	<0.010	2.78	134	<10	7
570	11916	otc	sel	<5			<0.2	43	8	106	1	40	9	<0.2	<5	15	35	0.011	4.99	305	<10	73
571	11914	rub	rand	<5			<0.2	298	<2	37	2	6	18	<0.2	<5	<5	421	0.011	5.90	544	<10	82
571	11915	rub	rand	<5			<0.2	76	<2	34	1	130	15	<0.2	<5	6	303	0.021	5.25	608	<10	17
571	11918	rub	rand	<5			<0.2	26	<2	48	1	89	27	<0.2	<5	8	23	0.012	4.85	495	<10	18
572	11905		sil		8	<1	26.3	383	437	124	27	98	36	1.6	<5	2473	42	0.940	>10.00	559	<10	16
572	11985	flt	sel	<5			<0.2	98	3	58	2	7	11	<0.2	<5	10	<5	<0.010	5.22	618	<10	45
573	11981	flt	sel	<5			<0.2	6	<2	5	2	6	1	<0.2	<5	9	11	<0.010	0.49	36	<10	3
573	11982	otc	rand	<5			0.2	54	25	123	2	51	24	1.6	<5	13	<5	0.011	4.70	213	<10	105
573	11983	otc	cont	<5			<0.2	22	8	135	1	33	26	0.6	<5	15	6	0.039	3.62	727	<10	80
573	11984	otc	grab	<5			<0.2	23	<2	15	1	23	12	0.3	<5	12	<5	<0.010	0.89	56	<10	14
574	11906	dump	sil	34.58 ppm			30.3	9	449	282	3	20	6	5.6	<5	>10000	179	0.211	2.40	394	<10	28
574	11943	otc	cont	73			1	49	62	64	1	33	12	0.4	<5	605	41	0.037	3.64	147	<10	17
574	11944	otc	cont	344			0.5	63	31	106	1	62	20	1.8	<5	2736	<5	0.026	4.14	304	<10	72
574	11945	otc	sel	3052			0.6	47	59	135	1	77	16	1.2	<5	733	5	0.012	3.00	728	<10	39
574	11986	otc	rand	5033			0.7	23	46	63	<1	22	12	<9.6	<5	>10000	6	0.016	4.42	147	<10	24
575	11897	flt	sel	<5			<0.2	86	2	101	3	67	26	0.8	<5	<5	<5	<0.010	3.26	271	<10	40
575	11898	otc	sel	<5			<0.2	86	<2	46	3	102	30	<0.2	<5	<5	<5	0.015	4.03	639	<10	17
575	11899	flt	sel	<5			<0.2	32	<2	51	<1	755	72	0.4	<5	<5	<5	<0.010	6.33	659	<10	2
576	11900	otc	rand	<5			<0.2	93	<2	36	1	68	35	0.3	<5	<5	<5	0.010	3.48	430	<10	159
576	11941	otc	sel	<5			<0.2	679	<2	18	1	42	53	<0.2	<5	<5	18	0.010	3.52	240	<10	76
577	11942	rub	sel	<5			<0.2	50	<2	14	1	9	8	<0.2	<5	6	9	<0.010	2.40	283	<10	9
578	11820	otc	sel	9			<0.2	36	5	62	1	32	13	0.3	<5	20	0.84%	0.014	3.20	545	<10	100
578	11821	rub	sel	<5			<0.2	16	3	31	1	21	4	<0.2	<5	<5	549	<0.010	1.36	150	<10	13
579	11839		pan	22	5	6	<0.2	58	14	143	6	70	23	0.6	<5	40	<5	0.159	6.73	893	<10	130
579	11840		sed	7			<0.2	46	11	108	2	54	13	0.3	<5	20	<5	0.061	4.78	393	<10	31
580	11248		pan	235.11 ppm	10	10	21.2	94	133	222	4	110	35	0.8	<5	39	<5	0.482	8.56	690	<10	116
580	11249	otc	sep	<5			<0.2	82	5	168	3	38	7	<0.2	<5	7	<5	0.026	7.52	154	<10	6
580	11290	otc	sel	<5			<0.2	46	<2	124	<1	44	13	0.5	<5	<5	<5	0.026	3.84	376	<10	40

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
564	11866		sed	9	13	<20	<20	17	0.78	0.33	0.42	<0.01	0.18	21	7	<2	7	1	<5	<10	0.07	1		
564	11867		pan	205	24	<20	<20	107	0.73	0.25	0.93	0.11	0.24	82	24	3	3	5	<5	<10	0.23	6		
564	11868		sed	17	21	<20	<20	20	1.22	0.89	0.42	<0.01	0.12	19	12	<2	15	1	<5	<10	0.06	<1		
564	11869		pan	211	31	<20	37	47	1.77	0.91	0.58	0.07	0.22	33	29	<2	19	1	9	<10	0.10	3		
565	11881	rub	sel	135	24	<20	<20	6	1.64	1.28	0.65	0.05	0.26	32	6	3	16	1	<5	<10	0.28	<1		
565	11882	otc	sel	182	17	<20	<20	9	0.97	0.63	0.54	0.04	0.13	26	8	<2	10	<1	<5	<10	0.08	<1		
566	11883		pan	190	32	<20	<20	13	1.49	1.17	3.53	0.04	0.24	115	9	<2	17	<1	<5	<10	0.06	2		
567	11917	otc	rand	143	22	<20	<20	41	1.54	0.55	0.08	0.03	0.21	30	8	3	22	<1	<5	<10	<0.01	10		
568	11957	otc	cont	187	2	<20	<20	<1	0.02	<0.01	<0.01	<0.01	<0.01	<1	<1	<2	<1	<1	<5	<10	<0.01	<1		
569	11956	flt	sel	199	11	<20	<20	16	0.58	0.07	0.09	0.02	0.01	13	5	<2	4	<1	<5	<10	<0.01	3		
570	11916	otc	sel	171	32	<20	<20	21	2.63	1.09	0.16	0.03	0.19	11	6	4	58	<1	<5	<10	<0.01	12		
571	11914	rub	rand	25	96	<20	<20	5	1.68	0.99	1.39	0.04	<0.01	28	17	5	11	5	7	<10	0.57	<1		
571	11915	rub	rand	165	60	<20	<20	2	3.47	3.22	0.99	0.02	<0.01	21	7	3	38	3	<5	<10	0.29	<1		
571	11918	rub	rand	106	48	<20	<20	2	3.26	2.84	0.84	0.03	0.01	21	8	3	34	1	<5	<10	0.33	<1		
572	11905		slu	180	29	37	39	23	1.25	0.56	0.14	0.03	0.14	13	15	<2	21	<1	<5	<10	0.06	20		
572	11985	flt	sel	75	50	<20	<20	8	2.08	1.28	1.07	0.05	<0.01	27	22	6	14	2	<5	<10	0.30	<1		
573	11981	flt	sel	310	<1	<20	<20	<1	0.02	0.01	0.01	<0.01	<0.01	<1	<1	<2	<1	<1	<5	<10	<0.01	1		
573	11982	otc	rand	139	28	<20	<20	29	1.76	0.75	0.16	0.03	0.2	15	16	3	30	<1	<5	<10	<0.01	10		
573	11983	otc	cont	158	23	<20	<20	43	0.95	0.23	0.45	0.02	0.15	16	23	<2	11	<1	<5	<10	<0.01	7		
573	11984	otc	grab	233	5	<20	<20	4	0.25	0.09	0.03	<0.01	0.04	2	2	<2	4	<1	<5	<10	<0.01	3		
574	11906	dump	sel	213	5	<20	<20	7	0.23	0.08	0.68	<0.01	0.07	35	5	<2	1	<1	<5	<10	<0.01	3		
574	11943	otc	cont	172	6	<20	<20	13	0.73	0.14	0.03	<0.01	0.05	4	8	<2	8	<1	<5	<10	<0.01	16		
574	11944	otc	cont	170	18	<20	<20	22	1.42	0.41	0.12	0.02	0.22	10	9	3	16	<1	<5	<10	<0.01	18		
574	11945	otc	sel	185	9	<20	<20	32	1.07	0.33	0.37	0.01	0.12	12	12	<2	15	<1	<5	<10	<0.01	10		
574	11986	otc	rand	165	20	<20	<20	14	1.45	0.47	0.09	0.04	0.09	8	7	3	20	<1	<5	<10	<0.01	11		
575	11897	flt	sel	111	87	<20	<20	8	1.96	1.31	0.14	0.07	0.03	15	3	5	32	5	9	<10	0.16	<1		
575	11898	otc	sel	174	37	<20	<20	1	2.63	2.35	2.37	0.03	0.01	38	5	3	42	2	<5	<10	0.26	<1		
575	11899	flt	sel	809	70	<20	<20	2	2.38	9.50	0.34	<0.01	<0.01	6	8	<2	1	2	9	<10	0.02	<1		
576	11900	otc	rand	101	55	<20	<20	6	2.22	1.75	1.04	0.03	<0.01	20	8	3	27	2	<5	<10	0.30	<1		
576	11941	otc	sel	67	124	<20	<20	2	1.10	0.64	1.46	0.04	<0.01	20	11	2	8	8	<5	<10	0.68	<1		
577	11942	rub	sel	52	76	<20	<20	3	0.83	0.35	1.72	0.09	0.01	33	20	3	3	4	<5	<10	0.51	<1		
578	11820	otc	sel	206	26	<20	<20	19	1.64	0.88	0.25	0.04	0.11	22	9	3	28	<1	<5	<10	<0.01	4		
578	11821	rub	sel	292	9	<20	<20	3	0.56	0.41	0.29	<0.01	0.02	18	2	<2	11	<1	<5	<10	<0.01	1		
579	11839		pan	270	42	<20	<20	28	1.65	0.76	0.51	0.04	0.19	33	15	<2	21	2	5	<10	0.05	9		
579	11840		sed	21	25	<20	<20	23	1.02	0.35	0.28	<0.01	0.03	13	10	3	15	2	<5	<10	0.01	2		
580	11248		pan	383	55	93	<20	46	2.42	0.63	0.72	0.10	0.45	46	18	<2	28	<1	<5	<10	0.03	11		
580	11249	otc	rep	199	84	<20	<20	8	1.94	1.24	0.65	0.02	0.01	2	8	<2	34	<1	10	<10	<0.01	<1		
580	11290	otc	sel	155	39	<20	<20	2	1.88	1.45	0.44	0.02	0.04	11	3	<2	44	<1	<5	<10	<0.01	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
581	11286	67.38708	149.15219	Dennys Gulch		sed		Chandalar B-5	NE 32	30N	7W	Fairbanks
581	11287	67.38708	149.15219	Dennys Gulch		pan		Chandalar C-5	NE 32	30N	7W	Fairbanks
582	11288	67.39658	149.15839	Sawlog Ck		sed		Chandalar C-5	NW 29	30N	7W	Fairbanks
582	11289	67.39658	149.15839	Sawlog Ck		pan	no vis Au	Chandalar C-5	NW 29	30N	7W	Fairbanks
583	11194	67.53710	148.96737	Big Jim (Sulak) Ck		sed		Chandalar C-4	SE 6	31N	6W	Fairbanks
583	11195	67.53710	148.96737	Big Jim (Sulak) Ck		pan	no mag, no vis Au	Chandalar C-4	SE 6	31N	6W	Fairbanks
584	11235	67.57560	149.14223	Phoebe Ck		sed		Chandalar C-5	NE 29	32N	7W	Fairbanks
584	11236	67.57560	149.14223	Phoebe Ck		pan	minor mag	Chandalar C-5	NE 29	32N	7W	Fairbanks
585	11232	67.59100	149.21870	Phoebe Ck		sed		Chandalar C-5	NE 24	32N	8W	Fairbanks
585	11233	67.59100	149.21870	Phoebe Ck		pan	minor mag	Chandalar C-5	NE 24	32N	8W	Fairbanks
585	11234	67.59100	149.21870	Phoebe Ck	flt	sel	blk mica schist w/ po, py	Chandalar C-5	NE 24	32N	8W	Fairbanks
586	11228	67.59572	149.24307	Robert Ck		pan	mod mag, minor py	Chandalar C-5	SW 13	32N	7W	Fairbanks
586	11229	67.59572	149.24307	Robert Ck		sed		Chandalar C-5	SW 13	32N	7W	Fairbanks
586	11230	67.59572	149.24307	Robert Ck	otc	ran	ch-qz schist w/ tr py, lim	Chandalar C-5	SW 13	32N	7W	Fairbanks
587	11719	67.58607	149.26987	Shady Ck	flt	sel	Skajit ls w/minor po, 1% py	Chandalar C-5	C 23	33N	8W	Fairbanks
587	11720	67.58607	149.26987	Shady Ck	flt	sel	Skajit ls w/ 2% py	Chandalar C-5	C 23	33N	8W	Fairbanks
587	11721	67.58607	149.26987	Shady Ck	flt	sel	calc silicate	Chandalar C-5	C 23	33N	8W	Fairbanks
587	11722	67.58607	149.26987	Shady Ck		sed		Chandalar C-5	C 23	33N	8W	Fairbanks
587	11723	67.58607	149.26987	Shady Ck		pan	1 fine Au	Chandalar C-5	C 23	33N	8W	Fairbanks
588	12346	67.58889	149.29775	Big Spruce Ck		sed		Chandalar C-5	NE 22	32N	8W	Fairbanks
588	12347	67.58889	149.29775	Big Spruce Ck		pan	mod fine, rusty py	Chandalar C-5	NE 22	32N	8W	Fairbanks
588	12348	67.59099	149.29752	Big Spruce Ck		pan	mod fine py & mag	Chandalar C-5	SE 15	32N	8W	Fairbanks
589	11073	67.59834	149.35248	Mule Ck	flt	sel	qtz w/ 2% po, 1% cpy, 1% py	Chandalar C-5	NW 16	32N	8W	Fairbanks
589	11074	67.60217	149.35319	Mule Ck		sed		Chandalar C-5	NW 16	32N	8W	Fairbanks
589	11075	67.60217	149.35319	Mule Ck		pan	tr mag, 1 fine Au	Chandalar C-5	NW 16	32N	8W	Fairbanks
589	11076	67.60217	149.35319	Mule Ck		pan	1 v fine Au(?)	Chandalar C-5	NW 16	32N	8W	Fairbanks
590	11092	67.60250	149.39262	Limestone Ck	otc	sel	Skajit ls w/ 1% diss sulfides	Chandalar C-5	NW 17	32N	8W	Fairbanks
590	11093	67.60009	149.40374	Limestone Ck		sed		Chandalar C-5	NE 18	32N	8W	Fairbanks
590	11094	67.60009	149.40374	Limestone Ck		pan	tr fine sulfides	Chandalar C-5	NE 18	32N	8W	Fairbanks
591	11095	67.58614	149.39388	Limestone Ck	flt	sel	massive cpy w/ mal & az	Chandalar C-5	NW 20	32N	8W	Fairbanks
591	11096	67.58614	149.39388	Limestone Ck		pan		Chandalar C-5	NW 20	32N	8W	Fairbanks
592	11077	67.58008	149.34767	Mule Ck		pan	tr rusty sulfides	Chandalar C-5	SW 21	32N	8W	Fairbanks
592	11078	67.57747	149.34379	Beilies R		pan		Chandalar C-5	SW 21	32N	8W	Fairbanks
593	11097	67.57058	149.38294	Limestone Ck		pan	minor mag, no vis Au	Chandalar C-5	NW 29	32N	8W	Fairbanks
593	11098	67.57087	149.38057	Beilies R		pan	1 v fine Au, tr mag	Chandalar C-5	NE 29	32N	8W	Fairbanks
593	11099	67.57006	149.37925	Eightmile Ck		sed		Chandalar C-5	SE 29	32N	8W	Fairbanks
593	11100	67.57006	149.37925	Eightmile Ck		pan	tr mag, from bedrock	Chandalar C-5	SE 29	32N	8W	Fairbanks
593	11101	67.56729	149.37743	Eightmile Ck		pan	tr mag, no vis Au	Chandalar C-5	SE 29	32N	8W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
581	11250		sed	8			<0.2	30	9	93	2	28	12	0.2	<5	12	<5	0.045	3.53	437	<10	52
581	11287		pan	936	13	7	0.3	55	17	137	5	60	18	0.5	<5	30	<5	0.165	6.69	955	<10	266
582	11288		sed	<5			<0.2	28	10	95	2	33	12	0.4	<5	11	<5	0.027	2.92	675	<10	87
582	11289		pan	18	8	5	<0.2	28	8	95	5	47	20	0.8	<5	10	<5	0.012	4.17	1864	<10	274
583	11194		sed	<5			<0.2	26	11	66	2	25	8	0.4	<5	37	<5	0.012	1.94	384	<10	42
583	11195		pan	10	7	7	<0.2	25	16	42	4	24	6	0.4	<5	20	<5	0.018	2.34	588	<10	80
584	11235		sed	55			<0.2	29	12	67	3	26	11	0.3	<5	20	<5	0.016	2.46	463	<10	26
584	11236		pan	316	9	6	<0.2	43	13	74	5	33	9	0.8	<5	35	<5	0.016	6.86	5007	<10	69
585	11232		sed	<5			0.3	25	9	52	1	21	8	<0.2	<5	12	<5	0.014	1.95	515	<10	18
585	11233		pan	12	10	7	0.3	34	11	45	2	23	8	0.3	<5	24	<5	0.021	2.63	886	<10	74
585	11234	flt	sel	<5			0.8	11	6	30	2	16	4	0.2	<5	<5	<5	0.012	1.45	310	<10	57
586	11228		pan	1219	5	6	1.7	34	15	73	2	37	13	<0.2	<5	40	<5	0.052	3.87	1010	<10	78
586	11229		sed	<5			<0.2	60	11	80	1	34	15	<0.2	<5	16	<5	0.017	3.68	698	<10	13
586	11230	otc	pan	<5			<0.2	39	22	75	<1	29	12	<0.2	<5	<5	<5	0.011	4.11	903	<10	43
587	11719	flt	sel	12			1.4	4	23	17	<1	6	2	<0.2	<5	45	119	<0.010	0.68	285	<10	291
587	11720	flt	sel	<5			1.5	17	7	25	2	3	1	<0.2	<5	13	91	0.017	0.55	416	<10	20
587	11721	flt	sel	56			0.7	157	<2	107	<1	17	12	1.1	<5	7	29	0.011	1.71	478	<10	4
587	11722		sed	9			<0.2	18	10	61	2	21	10	<0.2	<5	19	<5	0.017	2.56	603	<10	21
587	11723		pan	31.07 ppm	<5	2	0.7	18	13	44	2	25	9	0.4	<5	40	<5	0.048	3.96	1318	<10	57
588	12346		sed	<5			0.6	57	8	55	2	28	12	<0.2	<5	16	<5	0.031	3.16	942	<10	16
588	12347		pan	<5	<5	1	0.7	183	15	68	3	37	19	<0.2	<5	41	<5	0.036	4.80	815	<10	99
588	12348		pan	485	<5	<1	0.3	107	9	95	2	40	19	<0.2	<5	36	<5	0.023	6.01	766	<10	105
589	11073	flt	sel	47			0.6	217	7	14	<1	13	11	<0.2	<5	<5	<5	<0.010	2.16	1199	<10	4
589	11074		sed	3			0.3	44	11	87	3	35	11	0.4	<5	39	<5	0.039	3.25	479	<10	19
589	11075		pan	>10000	<5	3	6.4	43	10	160	4	26	9	0.2	<5	30	21	0.553	3.01	644	<10	113
589	11076		pan	32	6	3	0.6	60	9	101	4	31	11	0.3	<5	54	89	0.032	3.30	600	<10	148
590	11092	otc	sel	4			1.3	13	5	16	3	9	1	0.4	<5	142	<5	0.017	1.64	425	<10	17
590	11093		sed	2			0.7	24	6	42	1	17	7	<0.2	<5	15	<5	0.012	2.14	425	<10	13
590	11094		pan	14	5	3	1.3	21	2	51	1	4	2	<0.2	<5	15	10	0.015	0.72	189	<10	16
591	11095	flt	sel	77			3.3	1.41%	<2	43	2	19	82	<0.2	<5	8	109	0.131	5.46	231	<10	23
591	11096		pan	15	10	3	1	108	9	270	10	59	22	1.2	<5	91	13	0.018	7.27	342	<10	87
592	11077		pan	235	<5	3	0.7	120	19	249	4	33	15	0.6	<5	87	20	0.070	4.50	727	<10	122
592	11078		pan	218	9	<1	0.3	70	14	133	3	21	9	0.3	<5	30	13	0.018	3.59	1113	<10	87
593	11097		pan	18	<5	5	0.6	76	8	247	3	23	7	0.3	<5	20	25	0.015	2.68	527	<10	204
593	11098		pan	2247	18	4	0.7	95	32	122	3	27	13	0.4	<5	40	7	0.060	6.51	1521	<10	78
593	11099		sed	3			0.4	32	10	78	3	37	12	0.5	<5	25	<5	0.013	2.88	497	<10	22
593	11100		pan	19	18	3	0.4	46	6	133	4	28	9	0.5	<5	23	10	<0.010	3.39	333	<10	298
593	11101		pan	1434	12	5	1	84	22	147	4	74	20	0.8	<5	80	11	0.029	4.50	832	<10	158

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
581	11250		sed	21	30	<20	<20	20	1.22	0.64	0.23	<0.01	0.05	15	8	2	18	<1	<5	<10	0.02	<1		
581	11287		pan	424	68	<20	<20	30	2.66	0.70	0.60	0.11	0.50	51	15	3	26	<1	6	<10	0.06	8		
582	11288		sed	24	28	<20	<20	14	1.26	0.68	0.26	<0.01	0.04	16	7	2	20	<1	<5	<10	0.02	<1		
582	11289		pan	629	46	<20	<20	11	2.00	0.71	0.70	0.07	0.31	30	17	2	20	<1	8	<10	0.05	<1		
583	11194		sed	15	25	<20	<20	22	0.95	0.64	0.50	<0.01	0.22	18	21	2	20	<1	<5	<10	0.06	<1		
583	11195		pan	487	39	<20	<20	23	1.92	0.40	2.07	0.11	0.31	105	23	4	8	<1	5	<10	0.11	2		
584	11235		sed	13	19	<20	<20	13	0.95	0.69	0.94	<0.01	0.10	39	10	<2	17	<1	<5	<10	0.04	<1		
584	11236		pan	531	51	<20	<20	25	3.12	0.61	2.67	0.12	0.22	63	78	2	14	<1	39	<10	0.15	<1		
585	11232		sed	9	12	<20	<20	9	0.67	0.83	6.13	<0.01	0.06	180	8	<2	11	<1	<5	<10	0.02	<1		
585	11233		pan	199	25	<20	<20	15	1.06	1.06	>10.00	0.06	0.22	329	15	<2	10	<1	<5	<10	0.10	1		
585	11234	flt	sel	18	3	<20	<20	4	0.19	1.19	>10.00	0.01	0.11	968	9	<2	8	<1	<5	<10	<0.01	3		
586	11228		pan	245	29	<20	<20	21	1.77	1.39	6.50	0.07	0.37	302	16	2	21	<1	<5	<10	0.09	<1		
586	11229		sed	19	19	<20	<20	16	1.39	1.24	3.88	<0.01	0.04	190	7	2	26	<1	<5	<10	0.02	<1		
586	11230	otc	pan	77	19	<20	<20	19	1.75	1.45	0.52	0.02	0.27	28	10	2	26	<1	<5	<10	0.03	<1		
587	11719	flt	sel	3	2	<20	<20	3	0.09	1.85	>10.00	<0.01	0.06	472	5	<2	1	<1	<5	<10	<0.01	2		
587	11720	flt	sel	3	1	<20	<20	4	0.04	1.16	>10.00	<0.01	0.03	197	5	<2	<1	<1	<5	<10	<0.01	2		
587	11721	flt	sel	18	14	<20	<20	13	0.40	0.07	9.10	0.03	0.01	273	9	<2	<1	2	<5	<10	0.19	3		
587	11722		sed	14	16	<20	<20	12	1.02	0.81	1.39	<0.01	0.06	47	8	<2	16	<1	<5	<10	0.03	1		
587	11723		pan	248	25	<20	<20	26	1.46	0.69	3.11	0.11	0.25	91	18	<2	13	1	6	<10	0.11	3		
588	12346		sed	14	14	<20	<20	10	0.99	1.11	>10.00	<0.01	0.03	216	8	<2	14	<1	<5	<10	0.015	2		
588	12347		pan	143	22	<20	<20	9	1.36	1.64	9.59	0.03	0.22	254	8	<2	19	<1	<5	<10	0.027	3		
588	12348		pan	191	35	<20	<20	13	2.57	1.61	4.61	0.04	0.36	139	8	<2	37	1	<5	<10	0.012	1		
589	11073	flt	sel	61	13	<20	<20	<1	1.00	0.22	0.64	<0.01	<0.01	167	6	<2	<1	<1	<5	<10	0.11	<1		
589	11074		sed	9	11	<20	<20	17	0.73	1.10	5.09	<0.01	0.06	136	11	<2	13	<1	<5	<10	<0.01	2		
589	11075		pan	167	27	<20	<20	13	1.61	0.82	7.91	0.08	0.42	229	10	2	15	<1	<5	<10	0.05	7		
589	11076		pan	188	29	<20	25	12	1.52	0.79	8.85	0.10	0.40	256	10	<2	12	<1	<5	<10	0.05	10		
590	11092	otc	sel	18	8	<20	<20	3	0.09	0.37	>10.00	<0.01	0.04	212	5	<2	<1	<1	<5	<10	<0.01	<1		
590	11093		sed	9	12	<20	<20	8	0.80	1.56	>10.00	<0.01	0.04	74	7	<2	12	<1	<5	<10	<0.01	<1		
590	11094		pan	28	6	<20	<20	<1	0.35	1.66	>10.00	0.02	0.11	127	3	<2	3	<1	<5	<10	<0.01	<1		
591	11095	flt	sel	83	21	<20	<20	6	0.91	0.30	1.43	0.02	0.03	125	6	<2	2	<1	<5	<10	0.20	2		
591	11096		pan	262	77	<20	<20	5	1.92	1.53	>10.00	0.06	0.61	857	8	<2	21	<1	<5	<10	0.03	17		
592	11077		pan	200	35	<20	<20	12	1.95	1.17	7.73	0.11	0.53	206	11	2	20	<1	<5	<10	0.08	4		
592	11078		pan	190	31	<20	<20	11	1.83	1.07	7.47	0.08	0.31	250	24	<2	14	<1	10	<10	0.09	1		
593	11097		pan	216	36	<20	<20	15	1.76	1.32	>10.00	0.10	0.49	264	12	2	18	<1	<5	<10	0.06	5		
593	11098		pan	164	35	<20	<20	38	2.26	0.83	8.42	0.08	0.28	266	34	<2	13	<1	15	<10	0.11	2		
593	11099		sed	12	13	<20	<20	11	0.82	1.43	4.97	<0.01	0.03	135	9	<2	14	<1	<5	<10	0.01	<1		
593	11100		pan	271	45	<20	<20	18	2.18	1.38	7.91	0.11	0.57	273	19	3	18	<1	8	<10	0.08	3		
593	11101		pan	216	36	<20	<20	22	1.72	1.84	8.34	0.08	0.40	254	17	<2	13	<1	6	<10	0.10	5		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
594	11102	67.56125	149.41117	Garnet Ck		sed		Chandalar C-5	NE 31	32N	8W	Fairbanks
594	11103	67.56125	149.41117	Garnet Ck		pan	tr mag, no vis Au	Chandalar C-5	NE 31	32N	8W	Fairbanks
595	12498	67.55655	149.43985	Bettles R trib		sed		Chandalar C-5	NE 36	32N	9W	Fairbanks
595	12499	67.55655	149.43985	Bettles R trib		pan	no vis Au, tr mag	Chandalar C-5	NE 36	32N	9W	Fairbanks
595	12500	67.55518	149.44027	Bettles R		pan	no vis Au, 40% py, tr mag	Chandalar C-5	NE 36	32N	9W	Fairbanks
596	11114	67.57465	149.62669	Whiel Mtn		sed		Chandalar C-6	NE 30	32N	9W	Fairbanks
596	11115	67.57465	149.62669	Whiel Mtn		pan	minor mag	Chandalar C-6	NE 30	32N	9W	Fairbanks
597	12425	67.59444	149.68750	Sukakpak Mtn		pan	no vis Au, no blk sands	Chandalar C-6	SE 14	32N	10W	Fairbanks
598	8025	67.59500	149.72195	Sukakpak Mtn	flt	sel	vein qz w/ 1-2% stb	Chandalar C-6	SW 14	32N	10W	Fairbanks
598	8026	67.59305	149.72388	Sukakpak Mtn	flt	grab	massive stb boulders	Chandalar C-6	SW 14	32N	10W	Fairbanks
598	12424	67.59308	149.71381	Sukakpak Mtn		sed		Chandalar C-6	S 14	32N	10W	Fairbanks
599	8023	67.59445	149.72862	Sukakpak Mtn	otc	grab	gossan zone w/ hem	Chandalar C-6	SW 14	32N	10W	Fairbanks
599	8024	67.59445	149.72862	Sukakpak Mtn	flt	sel	vein qz w/ stb, val	Chandalar C-6	SW 14	32N	10W	Fairbanks
599	8027	67.59363	149.73592	Sukakpak Mtn	otc	sel	stb vein	Chandalar C-6	SE 14	32N	10W	Fairbanks
599	11049	67.59383	149.73631	Sukakpak Mtn	otc	chip	3.2-ft-wide stb and qz vein	Chandalar C-6	SW 14	32N	10W	Fairbanks
599	11111	67.59383	149.73631	Sukakpak Mtn	otc	chip	2.4-ft-wide qz vein w/ abu Sb	Chandalar C-6	SW 14	32N	10W	Fairbanks
599	11112	67.59383	149.73631	Sukakpak Mtn	flt	sel	massive stb	Chandalar C-6	SW 14	32N	10W	Fairbanks
599	11113	67.59383	149.73631	Sukakpak Mtn	flt	rand	vein qz w/ abu Sb, Sb alteration	Chandalar C-6	SW 14	32N	10W	Fairbanks
599	11649	67.59551	149.73430	Sukakpak Mtn	otc	cont	7.5-ft-wide qz-Sb vein	Chandalar C-6	SW 14	32N	10W	Fairbanks
599	11650	67.59551	149.73430	Sukakpak Mtn	otc	cont	1.7-ft-wide qz-Sb vein	Chandalar C-6	SW 14	32N	10W	Fairbanks
599	11651	67.59551	149.73430	Sukakpak Mtn	otc	cont	5.0-ft-wide qz-Sb vein	Chandalar C-6	SW 14	32N	10W	Fairbanks
599	11652	67.59551	149.73430	Sukakpak Mtn	otc	cont	4.0-ft-wide qz-Sb vein	Chandalar C-6	SW 14	32N	10W	Fairbanks
599	11653	67.59551	149.73430	Sukakpak Mtn	otc	cont	5.0ft-wide qz-Sb vein	Chandalar C-6	SW 14	32N	10W	Fairbanks
599	11654	67.59551	149.73430	Sukakpak Mtn	flt	sel	vein qz w/ Sb	Chandalar C-6	SW 14	32N	10W	Fairbanks
599	12395	67.59395	149.73542	Sukakpak Mtn	otc	cont	0.1-ft-wide qz-calc w/ Sb	Chandalar C-6	SW 14	32N	10W	Fairbanks
599	12396	67.59381	149.73612	Sukakpak Mtn	otc	cont	1.5-ft-wide qz vein w/ Sb	Chandalar C-6	SW 14	33N	10W	Fairbanks
600	12286	67.59181	149.75207	Sukakpak Mtn	flt	sel	qz-carb vein w/ Sb, kermesite	Chandalar C-6	SE 15	32N	10W	Fairbanks
600	12319	67.59194	149.74983	Sukakpak Mtn	otc	spac	qz vein w/ Sb	Chandalar C-6	SE 15	32N	10W	Fairbanks
601	11815	67.58661	149.75141	Sukakpak Mtn trib		sed		Chandalar C-6	NE 22	32N	10W	Fairbanks
601	11816	67.58661	149.75141	Sukakpak Mtn trib		pan	minor py	Chandalar C-6	NE 22	32N	10W	Fairbanks
601	12287	67.58905	149.74511	Discovery Ck		sed		Chandalar C-6	NE 22	32N	10W	Fairbanks
601	12288	67.58905	149.74511	Discovery Ck		pan	no visble Au, no mag, minor py	Chandalar C-6	NE 22	32N	10W	Fairbanks
601	12289	67.58622	149.75115	Discovery Ck		pan	1 v fine Au	Chandalar C-6	NE 22	32N	10W	Fairbanks
601	12290	67.58622	149.75115	Discovery Ck		sed		Chandalar C-6	NE 22	32N	10W	Fairbanks
602	11810	67.58114	149.77361	Unnamed Ck		sed		Chandalar C-6	SW 22	32N	10W	Fairbanks
602	11811	67.58114	149.77361	Unnamed Ck		pan	2 v fine, nuggety Au	Chandalar C-6	SW 22	32N	10W	Fairbanks
602	11812	67.58114	149.77361	Unnamed Ck	flt	sel	igneous qz w/ gn, cpy, sl, stb(?)	Chandalar C-6	SW 22	32N	10W	Fairbanks
602	11813	67.58339	149.77716	Discovery Ck		sed		Chandalar C-6	SE 21	32N	10W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
594	11102		sed	2			<0.2	44	11	96	2	42	19	0.2	<5	20	<5	0.016	4.36	698	<10	33
594	11103		pan	57	6	4	0.2	53	15	111	4	23	9	0.2	<5	26	<5	0.012	3.01	832	<10	137
595	12498		sed	<5			<0.2	53	19	86	1	31	13	0.4	<5	18	<5	0.036	3.81	769	<10	43
595	12499		pan	10	<5	<1	<0.2	23	9	57	2	27	11	0.2	<5	25	<5	0.020	3.14	817	<10	62
595	12500		pan	<5	<5	6	0.3	37	11	74	5	42	14	0.3	<5	23	<5	0.029	4.15	748	<10	117
596	11114		sed	2			0.6	35	8	47	1	21	10	<0.2	<5	15	<5	0.026	2.19	469	<10	20
596	11115		pan	12	9	<1	1.1	32	11	63	1	14	5	<0.2	<5	12	<5	0.014	1.67	326	<10	47
597	12425		pan	<5	<5	<1	0.7	23	6	62	2	28	12	<0.2	<5	30	35	0.156	3.55	1393	<10	59
598	8025	flt	sel	<440			<85			<3500	<600	<420	<85	<450		2010	2.54%		3.3		<2800	<3700
598	8026	flt	grab														62.52%					
598	12424		sed	13			1.9	12	4	30	<1	12	5	0.2	<5	37	54	0.035	1.37	304	<10	12
599	8023	otc	grab	<57			<14			<600	160	<150	<10	<67		3880	2000.0		>10.0		<290	<530
599	8024	flt	sel														30.23%					
599	8027	otc	sel														48.87%					
599	11049	otc	chip	16.14 ppm			6.2	63	209	26	1	<1	<1	3.0	<5	10	40.25%	1.180	0.14	52	10	3
599	11111	otc	chip	14.71 ppm			2.3	38	6	44	3	<1	<1	2.2	<5	56	14.33%	0.420	0.30	87	<10	9
599	11112	flt	sel	47.26 ppm			31.9	60	4	7	1	<1	<1	5.2	<5	16	65.21%	2.330	0.04	8	14	2
599	11113	flt	rand	43.24 ppm			3.1	35	37	49	3	<1	<1	2.5	<5	63	18.66%	0.640	0.29	31	<10	5
599	11649	otc	cont	56.17 ppm			28.6	76	27	31	8	<1	1	2.0	<5	340	9.17%	1.880	0.54	26	<10	13
599	11650	otc	cont	13.81 ppm			2.0	6	16	99	3	<1	1	1.7	<5	99	16.92%	0.536	0.30	39	<10	8
599	11651	otc	cont	27.49 ppm			8.9	51	118	26	2	<1	<1	1.5	<5	127	23.30%	2.920	0.17	13	<10	5
599	11652	otc	cont	2753			1.0	13	42	20	2	<1	<1	0.5	<5	47	7.78%	1.240	0.28	20	<10	5
599	11653	otc	cont	65.4 ppm			2.3	19	61	13	1	<1	<1	1.8	<5	173	32.39%	2.300	0.12	19	<10	5
599	11654	flt	sel	5.58 ppm			1.5	5	3	20	2	<1	<1	1.9	<5	465	18.27%	1.640	0.26	11	<10	5
599	12395	otc	cont	19.4 ppm			5.6	38	<2	48	6	<1	1	0.7	<5	46	2.43%	0.466	0.33	31	<10	11
599	12396	otc	cont	163.23 ppm			7.6	11	<2	11	2	<1	<1	1.3	<5	<5	24.20%	0.515	0.13	14	<10	<1
600	12286	flt	sel	4027			3.6	22	3	34	3	<1	2	1.0	<5	<5	27.60%	0.344	0.25	122	<10	17
600	12319	otc	spac	25.13 ppm			5.7	19	9	34	4	<1	3	0.9	<5	<5	21.22%	0.196	0.50	216	<10	24
601	11815		sed	73			<0.2	42	8	60	<1	28	15	0.3	<5	166	77	0.031	3.79	883	<10	13
601	11816		pan				0.6	32	7	57	2	26	14	0.3	<5	127	130	0.071	4.31	924	<10	33
601	12287		sed	63			<0.2	33	9	72	3	37	17	0.3	<5	174	81	0.039	3.91	868	<10	19
601	12288		pan	2396	<5	4	0.9	42	8	84	3	39	19	0.5	<5	181	334	0.074	5.95	1161	<10	178
601	12289		pan	154	8	3	1.0	42	11	73	4	41	18	0.4	<5	185	176	0.064	4.89	1106	<10	41
601	12290		sed	41			<0.2	52	10	74	1	40	21	0.2	<5	122	55	0.033	4.20	1068	<10	18
602	11810		sed	<5			<0.2	36	11	56	<1	29	14	<0.2	<5	10	<5	0.020	3.44	1540	<10	15
602	11811		pan				0.7	40	12	84	2	37	18	<0.2	<5	26	<5	0.092	5.82	2156	<10	92
602	11812	flt	sel	<5			0.2	29	70	9	1	9	2	<0.2	<5	6	1406	<0.010	0.70	246	<10	2
602	11813		sed	24			<0.2	12	6	36	<1	12	6	0.3	<5	65	47	0.027	2.05	597	<10	13

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
594	11102		sed	20	17	<20	<20	23	1.27	1.18	1.79	<0.01	0.06	58	10	<2	15	<1	<5	<10	<0.01	<1		
594	11103		pan	253	35	<20	<20	28	1.74	0.88	5.08	0.11	0.41	169	15	2	12	<1	5	<10	0.09	<1		
595	12498		sed	19	20	<20	<20	14	1.42	0.90	3.01	<0.01	0.06	65	8	<2	17	<1	<5	<10	0.010	2		
595	12499		pan	261	21	<20	<20	20	1.03	0.92	5.75	0.02	0.14	174	9	<2	15	1	<5	<10	0.030	4		
595	12500		pan	285	28	<20	<20	15	1.15	0.88	5.05	0.03	0.21	179	10	<2	14	2	<5	<10	0.023	3		
596	11114		sed	18	19	<20	<20	9	0.97	1.40	>10.00	<0.01	0.05	61	6	<2	9	<1	<5	<10	<0.01	<1		
596	11115		pan	48	20	<20	<20	1	1.02	1.51	>10.00	0.05	0.18	123	4	<2	7	<1	<5	<10	0.04	<1		
597	12425		pan	203	29	<20	<20	5	0.96	1.39	>10.00	0.02	0.16	112	5	<2	14	1	<5	<10	<0.010	2		
598	8025	flt	sel	<2500		<16000	<50	27				<3.00							<7.2	<11			<21.0	<33.0
598	8026	flt	grab																					
598	12424		sed	4	7	<20	<20	2	0.37	1.02	>10.00	<0.01	0.02	131	3	<2	6	<1	<5	<10	<0.010	1		
599	8023	otc	grab	<260		<2400	<8	7				<0.27							<1.0	<2		<1800	50.7	<4.3
599	8024	flt	sel																					
599	8027	otc	sel																					
599	11049	otc	chip	82	<1	<20	44	<1	0.01	<0.01	1.61	<0.01	<0.01	26	1	<2	<1	<1	<5	<10	<0.01	<1		
599	11111	otc	chip	192	1	<20	27	<1	0.03	0.02	3.09	<0.01	0.02	84	3	<2	<1	<1	<5	<10	<0.01	<1		
599	11112	flt	sel	24	<1	<20	69	<1	0.02	<0.01	0.02	<0.01	<0.01	2	<1	<2	<1	<1	<5	<10	<0.01	<1		
599	11113	flt	rand	217	1	<20	32	<1	0.03	<0.01	0.30	<0.01	0.02	7	1	<2	<1	<1	<5	<10	<0.01	<1		
599	11649	otc	cont	136	8	<20	<20	<1	0.11	0.01	0.44	<0.01	0.06	10	<1	<2	<1	<1	<5	<10	<0.01	3		
599	11650	otc	cont	95	2	<20	<20	<1	0.02	0.03	4.47	<0.01	0.02	49	2	<2	<1	<1	<5	<10	<0.01	2		
599	11651	otc	cont	81	1	<20	<20	<1	<0.01	0.05	0.77	<0.01	<0.01	8	<1	<2	<1	<1	<5	<10	<0.01	<1		
599	11652	otc	cont	165	2	<20	<20	<1	0.01	0.01	0.78	<0.01	<0.01	14	<1	<2	<1	<1	<5	<10	<0.01	<1		
599	11653	otc	cont	63	<1	<20	<20	<1	<0.01	<0.01	0.90	<0.01	<0.01	13	<1	<2	<1	<1	<5	<10	<0.01	<1		
599	11654	flt	sel	102	2	<20	<20	<1	0.01	<0.01	0.35	<0.01	<0.01	8	<1	<2	<1	<1	<5	<10	<0.01	2		
599	12393	otc	cont	176	5	<20	<20	<1	0.03	0.02	1.36	<0.01	0.01	23	<1	<2	<1	<1	<5	<10	<0.010	<1		
599	12396	otc	cont	59	2	<20	<20	<1	0.02	0.02	0.65	<0.01	<0.01	10	<1	<2	<1	<1	<5	<10	<0.010	<1		
600	12280	flt	sel	64	3	<20	<20	<1	0.02	0.05	8.30	<0.01	0.02	51	4	<2	<1	<1	<5	<10	<0.010	<1		
600	12319	otc	spac	66	3	<20	<20	<1	0.06	0.06	5.66	<0.01	0.03	59	4	<2	<1	<1	<5	<10	<0.010	<1		
601	11815		sed	9	14	<20	<20	5	0.66	0.80	7.87	<0.01	0.03	77	6	<2	9	<1	<5	<10	<0.01	1		
601	11816		pan	67	16	<20	<20	3	0.78	1.02	>10.00	0.02	0.19	124	3	<2	9	<1	<5	<10	<0.01	3		
601	12287		sed	15	18	<20	<20	7	0.68	0.93	7.38	<0.01	0.04	72	5	3	12	<1	<5	<10	<0.010	<1		
601	12288		pan	148	21	<20	<20	2	0.86	1.07	>10.00	0.02	0.14	108	4	<2	10	<1	<5	<10	<0.010	<1		
601	12289		pan	179	18	<20	<20	3	0.95	1.05	>10.00	0.02	0.16	107	3	<2	9	<1	<5	<10	<0.010	1		
601	12290		sed	13	16	<20	<20	7	0.90	0.99	8.12	<0.01	0.05	85	5	2	11	<1	<5	<10	<0.010	<1		
602	11810		sed	12	13	<20	<20	16	0.91	0.78	2.99	<0.01	0.04	92	8	2	12	<1	<5	<10	<0.01	<1		
602	11811		pan	181	25	<20	<20	11	1.63	1.20	2.98	0.03	0.27	122	7	<2	18	<1	<5	<10	<0.01	3		
602	11812	flt	sel	291	1	<20	<20	<1	0.08	0.08	0.19	<0.01	<0.01	14	<1	<2	1	<1	<5	<10	<0.01	1		
602	11813		sed	6	9	<20	<20	7	0.51	0.77	>10.00	<0.01	0.02	70	4	<2	7	<1	<5	<10	<0.01	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
602	11814	67.58339	149.77716	Discovery Ck		pan	1-2mm py, tr vis Au	Chandalar C-6	SE 21	32N	10W	Fairbanks
603	11231	67.55599	149.68242	Linda Ck Pass	otc	ran	bio-qz schist	Chandalar C-6	NW 36	32N	10W	Fairbanks
604	11817	67.53973	149.89567	Vi Ck		sed		Chandalar C-6	SE 1	31N	11W	Fairbanks
604	11835	67.53973	149.89567	Vi Ck		pan	mod mag, no vis Au	Chandalar C-6	SE 1	31N	11W	Fairbanks
604	11836	67.53973	149.89567	Vi Ck	flt	sal	meta qz w/5% finely diss py	Chandalar C-6	SE 1	31N	11W	Fairbanks
605	11657	67.51164	149.86342	Middle Fork Koyukuk R		pan	3 v fine, 1 fine Au	Chandalar C-6	SE 18	31N	10W	Fairbanks
606	10697	67.51992	149.82401	Linda Ck		slu	no mag, v fine Au	Chandalar C-6	NE 17	31N	10W	Fairbanks
607	11257	67.49542	149.80591	Sheep Ck		sed		Chandalar B-6	SW 21	31N	10W	Fairbanks
607	11259	67.49542	149.80591	Sheep Ck		pan	tr sulfides, from tailings	Chandalar B-6	SW 21	31N	10W	Fairbanks
608	11803	67.48800	149.81282	Wolf Pup		sed		Chandalar B-6	NW 28	31N	10W	Fairbanks
608	11804	67.48800	149.81282	Wolf Pup		pan	no mag, no vis Au	Chandalar B-6	NW 28	31N	10W	Fairbanks
609	12438	67.49039	149.78808	Sheep Ck		sed		Chandalar B-6	NE 28	31N	10W	Fairbanks
609	12439	67.49039	149.78808	Sheep Ck		pan	no vis Au, no mag	Chandalar B-6	NE 28	31N	10W	Fairbanks
609	12440	67.49239	149.79260	Sheep Ck		pan	1 coarse, 5 fine, 9 v fine Au	Chandalar B-6	SE 21	31N	10W	Fairbanks
610	11341	67.49445	149.73176	Magnet Ck		sed		Chandalar B-6	SW 23	31N	10W	Fairbanks
610	11342	67.49445	149.73176	Magnet Ck		pan	1 coarse, 1 fine, 1 v fine Au	Chandalar B-6	SW 23	31N	10W	Fairbanks
611	11293	67.51389	149.74811	Gold Ck		slu	from 500 cubic yards of gravel	Chandalar C-6	NE 15	31N	10W	Fairbanks
611	12283	67.51512	149.74077	Gold Ck		slu	abu fine to coarse Au, tr sch	Chandalar C-6	NE 15	31N	10W	Fairbanks
612	12312	67.51204	149.72893	Magnet Ck		sed		Chandalar C-6	SW 14	31N	10W	Fairbanks
612	12313	67.51204	149.72893	Magnet Ck		pan	1 v fine Au, no mag, minor py	Chandalar C-6	SW 14	31N	10W	Fairbanks
612	12314	67.50805	149.72777	Magnet Ck, East trib		sed		Chandalar C-6	SE 14	31N	10W	Fairbanks
612	12315	67.50805	149.72777	Magnet Ck, East trib		pan	1 v fine Au, no mag, minor py	Chandalar C-6	SE 14	31N	10W	Fairbanks
612	12316	67.50759	149.72998	Magnet Ck, West trib		sed		Chandalar C-6	SW 14	31N	10W	Fairbanks
612	12317	67.50759	149.72998	Magnet Ck, West trib		pan	1 v fine Au, no mag, minor py	Chandalar C-6	SW 14	31N	10W	Fairbanks
613	10740	67.51583	149.71212	Gold Ck	flt	grab	diorite	Chandalar C-6	NE 14	31N	10W	Fairbanks
614	12429	67.51757	149.68614	Gold Ck		sed		Chandalar C-6	NW 13	31N	10W	Fairbanks
614	12430	67.51757	149.68614	Gold Ck		pan	1 coarse, 2 v fine Au, no mag	Chandalar C-6	NW 13	31N	10W	Fairbanks
615	11405	67.50556	149.65246	Gold Ck		slu	from 200 cubic yards of gravel	Chandalar C-6	NW 19	31N	9W	Fairbanks
616	11294	67.50972	149.65436	Gold Ck		slu	from 300 cubic yards of gravel	Chandalar C-6	SW 18	31N	10W	Fairbanks
617	11826	67.51951	149.60580	Canyon Ck		soil		Chandalar B-5	NE 17	31N	9W	Fairbanks
617	11827	67.51951	149.60580	Canyon Ck		pan	no mag, no vis Au	Chandalar B-5	NE 17	31N	9W	Fairbanks
618	11079	67.53694	149.64570	Emery Ck		sed		Chandalar C-6	SW 6	31N	9W	Fairbanks
618	11080	67.53694	149.64570	Emery Ck		pan	minor rusty sulfides	Chandalar C-6	SW 6	31N	9W	Fairbanks
618	11081	67.53576	149.64645	Emery Ck		pan	from upper bench (clay)	Chandalar C-6	NW 7	31N	9W	Fairbanks
619	11779	67.53874	149.60664	Ready Bullion Ck		sed		Chandalar C-6	SW 5	31N	9W	Fairbanks
619	11802	67.53874	149.60664	Ready Bullion Ck		pan	no mag, no vis Au	Chandalar C-6	SW 5	31N	9W	Fairbanks
620	11196	67.51731	149.37118	Billy Glen Ck		sed		Chandalar C-5	NE 17	31N	8W	Fairbanks
620	11197	67.51731	149.37118	Billy Glen Ck		pan	no vis Au, from bedrock	Chandalar C-5	NE 17	31N	8W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
602	11814		pan				0.4	10	6	33	2	18	6	<0.2	<5	68	54	0.018	2.70	797	<10	30
603	11231	otc	ran	<5			<0.2	14	<2	39	<1	20	16	<0.2	<5	8	<5	0.012	4.44	965	<10	59
604	11817		sed	<5			<0.2	27	8	60	<1	23	13	<0.2	<5	7	<5	0.016	3.46	1367	<10	18
604	11835		pan	12	<5	7	<0.2	34	6	66	2	27	14	<0.2	<5	6	<5	0.037	4.38	1553	<10	49
604	11836	fit	sed	25			<0.2	18	10	130	2	12	4	1.4	<5	6	175	0.031	1.00	63	<10	17
605	11657		pan	9464	<5	3	0.7	48	16	74	2	45	19	0.3	<5	27	<5	0.256	5.52	1232	<10	60
606	10697		slu				8914.6	1237	>10000	275	3	174	291	<0.2	100	6366	91	18	>10.00	2601	31	14
607	11257		sed	<5			<0.2	26	9	67	2	22	12	<0.2	<5	18	<5	0.024	3.20	900	<10	18
607	11258		pan	446	6	6	<0.2	30	43	64	3	29	11	<0.2	<5	19	<5	0.035	3.56	1090	<10	74
608	11803		sed	<5			<0.2	21	11	61	<1	22	12	<0.2	<5	7	<5	0.031	3.29	1320	<10	26
608	11804		pan				<0.2	21	9	62	3	30	12	<0.2	<5	11	<5	0.032	3.73	860	<10	48
609	12438		sed	<5			<0.2	22	9	64	<1	25	11	<0.2	<5	15	<5	0.027	2.97	1037	<10	24
609	12439		pan	210	<5	<1	<0.2	20	7	56	3	23	11	<0.2	<5	17	<5	0.016	3.22	589	<10	51
609	12440		pan	257.15 ppm	<5	<1	9.1	11	12	36	<1	17	8	0.5	<5	16	<5	1.721	2.23	434	<10	27
610	11341		sed	<5			<0.2	17	8	36	<1	19	10	<0.2	<5	8	<5	0.014	2.75	666	<10	18
610	11342		pan	267.41 ppm	<5	3	12.8	23	9	48	2	27	10	<0.2	<5	11	<5	2.725	3.04	770	<10	49
611	11293		slu		<70	<70	0.4	37	221	59	4	32	15	<0.2	<5	1309	56	0.150	4.55	827	<10	48
611	12283		slu		<5	3	53.0	45	5856	319	4	35	24	3.1	90	407	6	1.266	5.50	982	20	52
612	12312		sed	11			<0.2	30	9	64	<1	27	14	<0.2	<5	11	<5	0.017	3.48	1066	<10	26
612	12313		pan	318	8	6	<0.2	34	17	74	4	41	16	<0.2	<5	17	8	0.032	4.53	1190	<10	44
612	12314		sed	15			<0.2	31	9	63	3	27	14	<0.2	<5	11	<5	0.015	3.37	940	<10	24
612	12315		pan	5574	<5	6	0.4	37	16	76	5	46	17	0.6	<5	36	<5	0.091	4.73	1197	<10	45
612	12316		sed	18			<0.2	30	9	61	<1	26	13	<0.2	<5	10	<5	0.018	3.39	1070	<10	31
612	12317		pan	245	<5	1	<0.2	28	13	67	3	35	15	0.2	<5	14	<5	0.020	4.09	1020	<10	44
613	10740	fit	grab	<5			<0.2	60	<2	41	1	71	25	<0.2	<5	<5	19	0.014	3.73	535	<10	7
614	12429		sed	<5			<0.2	32	6	66	<1	29	15	<0.2	<5	11	<5	0.017	3.45	900	<10	19
614	12430		pan	96.35 ppm	<5	<1	3.9	26	12	60	3	31	12	<0.2	<5	12	<5	0.338	3.66	916	<10	68
615	11405		slu		22	12	96.2	282	8361	120	9	140	166	4.8	47	2570	95	5.940	>10.00	916	16	3
616	11294		slu		<70	<70	2.1	94	339	101	2	45	31	<0.2	<5	189	<5	0.140	6.73	1162	<10	40
617	11826		soil	<5			<0.2	47	13	88	1	29	15	<0.2	<5	13	<5	0.055	4.98	1023	<10	30
617	11827		pan				<0.2	37	9	72	2	28	13	<0.2	<5	8	<5	0.018	4.02	1042	<10	47
618	11079		sed	4			0.3	36	5	69	2	30	16	<0.2	<5	16	6	0.035	3.97	1084	<10	23
618	11080		pan	65	<5	4	0.5	40	9	92	4	30	12	<0.2	<5	48	18	0.050	4.22	1155	<10	85
618	11081		pan	16	6	6	0.5	61	12	86	3	35	17	0.2	<5	41	17	0.058	4.28	1170	<10	62
619	11770		sed	<5			<0.2	49	11	71	1	29	17	0.3	<5	14	<5	0.026	4.04	935	<10	20
619	11802		pan				<0.2	27	8	68	3	30	12	<0.2	<5	10	<5	0.025	3.64	802	<10	41
620	11196		sed	<5			<0.2	34	12	93	<1	26	18	<0.2	<5	15	<5	0.036	4.02	2479	<10	77
620	11197		pan	13	9	6	<0.2	36	6	106	3	34	15	<0.2	<5	11	<5	0.020	5.01	1600	<10	84

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
602	11814		pan	81	11	<20	<20	3	0.62	0.34	>10.00	0.02	0.12	129	3	<2	7	<1	<5	<10	<0.01	3		
603	11231	otc	ran	64	79	<20	<20	13	2.08	1.46	1.49	0.03	0.10	80	9	5	15	<1	7	<10	0.05	<1		
604	11817		sed	13	18	<20	<20	12	0.96	0.80	1.95	<0.01	0.04	114	7	2	14	<1	<5	<10	0.01	<1		
604	11835		pan	164	32	<20	<20	8	1.47	1.61	5.72	0.04	0.22	298	8	<2	21	1	<5	<10	0.01	3		
604	11836	flt	sel	256	8	<20	<20	1	0.26	0.05	0.08	<0.01	0.06	38	3	<2	2	<1	<5	<10	<0.01	3		
605	11657		pan	187	32	<20	<20	11	1.33	1.25	5.75	0.05	0.25	144	8	4	14	<1	<5	<10	0.04	4		
606	10697		slu	120	52	247	979	31	0.37	0.3	1.43	<0.01	0.02	52	18	<2	3	8	<5	<10	0.08	9		
607	11257		sed	14	17	<20	<20	12	0.91	0.68	1.12	<0.01	0.04	36	7	<2	12	<1	<5	<10	<0.01	<1		
607	11256		pan	298	36	<20	<20	8	1.58	1.01	4.41	0.06	0.35	140	7	2	15	<1	<5	<10	0.02	<1		
608	11803		sed	14	19	<20	<20	11	0.95	0.62	0.50	<0.01	0.04	22	7	2	12	1	<5	<10	<0.01	<1		
608	11804		pan	238	26	<20	<20	9	1.13	0.97	2.04	0.04	0.18	81	6	<2	14	<1	<5	<10	0.02	3		
609	12438		sed	15	19	<20	<20	12	1.01	0.67	0.83	<0.01	0.06	25	6	<2	12	<1	<5	<10	<0.010	<1		
609	12439		pan	230	20	<20	<20	9	1.35	0.59	0.43	0.07	0.21	22	5	<2	16	1	<5	<10	0.018	3		
609	12440		pan	169	32	<20	<20	10	0.73	0.41	0.44	0.04	0.20	29	5	<2	18	2	<5	<10	0.014	3		
610	11341		sed	14	20	<20	<20	13	0.92	0.60	0.43	<0.01	0.04	16	6	<2	11	<1	<5	<10	<0.01	<1		
610	11342		pan	384	29	<20	<20	9	1.32	0.64	1.15	0.13	0.21	33	7	<2	12	<1	<5	<10	0.04	<1		
611	11293		slu	120	25	<20	<20	6	1.00	0.97	5.08	0.02	0.15	116	7	<2	12	<1	<5	<10	0.02	<1		
611	12283		slu	80	37	<20	<20	10	1.02	0.72	2.40	0.03	0.22	86	7	<2	12	2	<5	<10	0.016	2		
612	12312		sed	17	20	<20	<20	12	1.00	0.79	2.78	<0.01	0.04	76	8	3	11	<1	<5	<10	<0.010	<1		
612	12313		pan	394	31	<20	<20	10	1.34	0.90	3.83	0.03	0.18	80	7	<2	13	1	<5	<10	0.015	1		
612	12314		sed	16	20	<20	<20	12	0.97	0.78	2.61	<0.01	0.06	70	8	3	10	<1	<5	<10	0.010	<1		
612	12315		pan	470	29	<20	<20	10	1.36	1.20	4.21	0.03	0.18	90	7	<2	13	1	<5	<10	0.016	1		
612	12316		sed	17	19	<20	<20	12	1.04	0.83	4.63	0.01	0.06	123	7	2	12	<1	<5	<10	<0.010	<1		
612	12317		pan	306	28	<20	<20	9	1.31	0.92	3.65	0.03	0.16	67	6	<2	13	1	<5	<10	0.013	<1		
613	10740	fit	grab	91	50	<20	<20	2	2.74	2.30	1.10	0.03	0.07	37	8	<2	15	3	<5	<10	0.24	1		
614	12429		sed	16	20	<20	<20	13	1.09	0.83	2.64	<0.01	0.05	76	8	<2	11	<1	<5	<10	<0.010	<1		
614	12430		pan	296	36	<20	<20	11	1.48	0.88	4.21	0.06	0.31	120	8	<2	19	2	<5	<10	0.043	3		
615	11405		slu	89	49	22	1066	62	0.40	0.28	1.42	0.01	0.05	39	21	<2	4	<1	<5	<10	0.10	4		
616	11294		slu	135	31	<20	<20	5	1.16	1.11	3.27	0.02	0.15	86	7	<2	14	<1	<5	<10	0.01	<1		
617	11826		soil	21	23	<20	<20	10	1.59	0.94	0.92	<0.01	0.09	45	8	4	21	<1	<5	<10	<0.01	<1		
617	11827		pan	189	23	<20	<20	8	1.31	0.94	2.29	0.02	0.16	76	6	<2	20	<1	<5	<10	<0.01	3		
618	11079		sed	18	24	<20	<20	7	1.22	1.31	3.96	<0.01	0.06	86	6	<2	17	<1	<5	<10	<0.01	<1		
618	11080		pan	190	36	<20	<20	4	1.63	1.46	6.66	0.07	0.39	113	6	<2	16	<1	<5	<10	0.02	<1		
618	11081		pan	178	30	<20	<20	4	1.31	1.15	7.24	0.06	0.31	132	7	<2	13	<1	<5	<10	0.02	<1		
619	11779		sed	16	22	<20	<20	20	1.29	0.97	1.90	<0.01	0.05	43	9	3	13	1	<5	<10	0.02	<1		
619	11802		pan	234	24	<20	<20	8	1.14	0.86	2.94	0.03	0.14	59	6	<2	13	<1	<5	<10	0.02	3		
620	11196		sed	20	32	<20	<20	19	1.59	0.86	0.32	<0.01	0.08	14	10	3	18	<1	<5	<10	<0.01	<1		
620	11197		pan	473	65	<20	<20	10	2.78	1.30	0.36	0.16	0.62	22	12	5	17	<1	9	<10	0.09	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
621	11962	67.51901	149.21163	Twin Lake trib		sed		Chandalar C-5	NW 18	31N	7W	Fairbanks
621	11963	67.51901	149.21163	Twin Lake trib		pan	blk sands (not mag)	Chandalar C-5	NW 18	31N	7W	Fairbanks
621	11964	67.51811	149.20993	Twin Lake trib		sed		Chandalar C-5	SW 7	31N	7W	Fairbanks
621	11965	67.51811	149.20993	Twin Lake trib		pan	no mag, no vis Au	Chandalar C-5	SW 7	31N	7W	Fairbanks
622	11822	67.49066	149.26309	Wolf Ck trib		sed		Chandalar B-5	SE 23	31N	8W	Fairbanks
622	11823	67.49066	149.26309	Wolf Ck trib		pan	mod sulfides, no mag, no vis Au	Chandalar B-5	SE 23	31N	8W	Fairbanks
622	11824	67.49157	149.26373	Wolf Ck		sed		Chandalar B-5	SE 23	31N	8W	Fairbanks
622	11825	67.49157	149.26373	Wolf Ck		pan	mod sulfides, no mag, no vis Au	Chandalar B-5	SE 23	31N	8W	Fairbanks
623	11246	67.48635	149.36864	Shamrock Ck		sed		Chandalar B-5	NE 29	31N	8W	Fairbanks
624	11244	67.49142	149.40781	Holy Moses Ck		sed		Chandalar B-5	NE 30	31N	8W	Fairbanks
624	11245	67.49142	149.40781	Holy Moses Ck		pan		Chandalar B-5	NE 30	31N	8W	Fairbanks
625	11272	67.49992	149.44261	Lake Ck		sed		Chandalar B-5	NE 24	31N	9W	Fairbanks
625	11273	67.49992	149.44261	Lake Ck		pan	v fine py & mag	Chandalar B-5	NE 24	31N	9W	Fairbanks
625	11274	67.49992	149.44261	Lake Ck	flt	grab	greenstone w/ 1% euhedral mag	Chandalar B-5	NE 24	31N	9W	Fairbanks
626	11237	67.49557	149.45005	Lake Ck		pan	2 fine Au, minor mag and py	Chandalar B-5	SE 24	31N	9W	Fairbanks
626	11238	67.49557	149.45005	Lake Ck		sed		Chandalar B-5	SE 24	31N	9W	Fairbanks
626	11239	67.49557	149.45005	Lake Ck		pan	1 fine and 1 v fine Au, tr mag	Chandalar B-5	SE 24	31N	9W	Fairbanks
626	11269	67.49442	149.45212	Lake Ck	flt	sel	blk phyllite w/ 1% py	Chandalar B-5	SW 24	31N	9W	Fairbanks
626	11270	67.49577	149.45073	Lake Ck		plac	12 coarse, 28 fine, 28 v fine Au	Chandalar B-5	SW 24	31N	9W	Fairbanks
626	11271	67.49577	149.45073	Lake Ck	flt	sel	blk phyllite w/ <1% py	Chandalar B-5	SW 24	31N	9W	Fairbanks
627	11198	67.51184	149.51346	Last Chance Ck		sed		Chandalar C-6	SE 15	31N	9W	Fairbanks
627	11199	67.51184	149.51346	Last Chance Ck		pan		Chandalar C-6	SE 15	31N	9W	Fairbanks
628	11252	67.47935	149.47734	Wakeup Ck	talt	sel	phyllite w/ 1% diss py	Chandalar B-5	SE 26	31N	9W	Fairbanks
628	11253	67.47766	149.47909	Wakeup Ck		sed		Chandalar B-5	SE 26	31N	9W	Fairbanks
628	11254	67.47766	149.47909	Wakeup Ck		pan		Chandalar B-5	SE 26	31N	9W	Fairbanks
629	11240	67.46926	149.46380	Jim Pup		sed		Chandalar B-5	SE 36	31N	9W	Fairbanks
629	11241	67.46926	149.46380	Jim Pup		pan	1 fine Au, tr mag	Chandalar B-5	SE 36	31N	9W	Fairbanks
629	11242	67.46926	149.46380	Jim Pup	flt	sel	blk hfls w/ 2% diss po	Chandalar B-5	SE 36	31N	9W	Fairbanks
630	12401	67.47158	149.50767	California Ck		sed		Chandalar B-6	NW 35	31N	9W	Fairbanks
630	12402	67.47158	149.50767	California Ck		pan	no vis Au, no mag, mod py	Chandalar B-6	NW 35	31N	9W	Fairbanks
631	11202	67.46381	149.48095	California Ck		sed		Chandalar B-5	SE 35	31N	9W	Fairbanks
631	11203	67.46381	149.48095	California Ck		pan	from cutbank	Chandalar B-5	SE 35	31N	9W	Fairbanks
632	11200	67.45279	149.46970	California Ck	flt	sel	granite w/ <1% po	Chandalar B-5	SW 1	30N	9W	Fairbanks
632	11201	67.45450	149.47148	California Ck		pan	tr mag	Chandalar B-5	SE 1	30N	9W	Fairbanks
633	11841	67.46313	149.57494	Bore Ck	flt	sel	qz w/ rutile, 10% stk	Chandalar B-6	SE 32	31N	9W	Fairbanks
633	11842	67.46298	149.56921	Bore Ck		sed		Chandalar B-6	SW 33	31N	9W	Fairbanks
633	11843	67.46298	149.56921	Bore Ck		pan	1 v v fine Au	Chandalar B-6	SW 33	31N	9W	Fairbanks
634	11255	67.47984	149.58689	Glacier R trib		sed		Chandalar B-6	SW 28	31N	9W	Fairbanks

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Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
621	11962		sed	7			<0.2	39	15	193	1	77	34	1.5	<5	40	<5	0.014	4.48	1605	<10	27
621	11963		pan	41	<5	<1	<0.2	25	8	165	4	86	40	1.7	<5	23	<5	0.033	3.13	1805	<10	79
621	11964		sed	6			<0.2	23	13	80	1	31	15	<0.2	<5	22	<5	0.059	3.99	317	<10	90
621	11965		pan	48	<5	<1	<0.2	20	9	89	3	40	20	0.7	<5	29	<5	0.013	3.59	806	<10	54
622	11822		sed	<5			<0.2	30	13	105	2	48	16	0.7	<5	33	<5	0.017	4.07	540	<10	24
622	11823		pan				0.5	29	14	74	3	35	11	0.7	<5	18	<5	0.017	3.30	568	<10	65
622	11824		sed	<5			<0.2	31	12	82	1	33	13	0.6	<5	26	<5	0.017	3.32	552	<10	18
622	11825		pan				0.2	29	47	71	3	31	11	0.4	<5	25	<5	<0.010	3.14	618	<10	63
623	11240		sed	<5			<0.2	40	17	134	2	42	15	0.8	<5	29	<5	0.027	3.79	725	<10	50
624	11244		sed	<5			<0.2	31	9	96	2	34	14	0.3	<5	18	<5	0.014	3.83	784	<10	30
624	11245		pan	193	9	8	<0.2	19	8	73	3	36	10	0.3	<5	11	<5	0.014	3.24	684	<10	131
625	11272		sed	<5			0.2	23	9	56	2	21	9	0.3	<5	14	<5	0.013	1.97	511	<10	26
625	11273		pan	24	10	6	0.3	22	8	57	3	28	8	0.2	<5	13	<5	0.018	2.73	633	<10	180
625	11274	flt	grab	6			<0.2	17	<2	87	1	28	31	<0.2	<5	<5	<5	<0.010	5.99	793	<10	<1
626	11237		pan	61.30 ppm	5	5	4.8	33	10	85	4	34	13	0.4	<5	33	<5	0.229	3.81	638	<10	159
626	11238		sed	<5			0.4	26	8	48	1	21	8	0.3	<5	16	<5	0.014	1.74	488	<10	22
626	11239		pan	94.28 ppm	7	5	6.6	35	11	66	3	31	11	0.4	<5	32	<5	0.188	3.84	667	<10	160
626	11269	flt	sel	9			0.7	75	17	121	11	54	11	3.1	<5	37	5	0.081	2.07	125	<10	71
626	11270		plac	0.067 oz/cyd	<70	<70	1.3	86	203	181	4	49	30	0.7	<5	215	<5	0.240	7.24	689	<10	24
626	11271	flt	sel	<5			1.3	33	13	80	10	21	3	1.4	<5	22	9	0.032	0.98	158	<10	316
627	11198		sed	<5			<0.2	28	10	85	1	34	11	0.8	<5	15	<5	0.022	2.68	856	<10	41
627	11199		pan	16	5	6	<0.2	21	7	69	4	30	8	<0.2	<5	10	<5	0.022	3.12	604	<10	105
628	11252	tail	sel	<5			0.9	96	6	74	4	13	3	<0.2	<5	14	<5	0.012	1.24	148	<10	115
628	11253		sed	<5			<0.2	29	10	120	1	31	16	0.5	<5	142	<5	0.089	7.96	5928	<10	178
628	11254		pan	95	8	6	<0.2	23	7	65	3	36	10	2.2	<5	332	<5	0.056	3.47	958	<10	133
629	11240		sed	<5			<0.2	26	10	82	1	29	12	0.3	<5	19	<5	0.016	3.04	606	<10	32
629	11241		pan	22.59 ppm	8	7	0.7	48	9	100	4	40	14	<0.2	<5	16	<5	0.057	4.13	887	<10	131
629	11242	flt	sel	7			<0.2	25	3	90	10	34	7	0.3	<5	34	<5	<0.010	2.34	964	<10	37
630	12401		sed	<5			<0.2	38	14	118	2	46	14	0.6	<5	19	<5	0.025	3.78	427	<10	30
630	12402		pan	13	<5	4	<0.2	77	11	143	8	86	36	0.6	<5	49	21	0.023	>10.00	587	<10	44
631	11202		sed	<5			<0.2	37	13	107	2	54	21	<0.2	<5	25	<5	0.033	5.00	736	<10	42
631	11203		pan	23	11	5	<0.2	41	12	114	5	54	14	0.4	<5	21	<5	0.011	4.52	505	<10	196
632	11200	flt	sel	8			<0.2	55	7	101	1	40	13	0.7	<5	9	<5	0.018	3.65	720	<10	13
632	11201		pan	7	7	5	<0.2	46	19	109	4	50	14	0.5	<5	48	<5	0.019	4.19	485	<10	123
633	11841	flt	sel	97			6.9	46	1.17%	22	1	9	1	7.9	27	7	1.01%	0.049	0.44	35	<10	1
633	11842		sed	8			<0.2	56	12	116	1	54	21	0.7	<5	16	<5	0.016	3.14	533	<10	21
633	11843		pan	7	<5	4	<0.2	36	11	123	3	64	25	0.6	<5	11	<5	0.011	3.42	606	<10	64
634	11255		sed	<5			<0.2	32	9	74	<1	33	15	<0.2	<5	13	<5	0.022	3.48	904	<10	19

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
621	11962		sed	24	25	<20	<20	49	1.85	1.43	0.64	<0.01	0.03	20	33	<2	25	1	<5	<10	0.04	<1		
621	11963		pan	279	26	<20	<20	28	1.70	0.93	0.42	0.13	0.23	19	18	<2	21	1	<5	<10	0.10	3		
621	11964		sed	30	43	<20	<20	26	2.16	0.93	0.43	<0.01	0.08	21	15	<2	20	4	<5	<10	0.04	<1		
621	11965		pan	253	28	<20	<20	17	1.70	0.78	0.28	0.13	0.26	18	14	<2	19	2	<5	<10	0.17	1		
622	11822		sed	20	21	<20	<20	16	1.48	1.58	5.37	<0.01	0.04	114	10	3	19	<1	<5	<10	0.01	2		
622	11823		pan	103	18	<20	<20	13	1.26	1.68	>10.00	0.02	0.15	390	12	<2	17	<1	<5	<10	<0.01	4		
622	11824		sed	16	17	<20	<20	17	1.15	1.02	2.14	<0.01	0.04	58	12	<2	13	<1	<5	<10	0.03	<1		
622	11825		pan	173	23	<20	<20	14	1.34	1.18	5.24	0.04	0.19	136	11	<2	17	1	<5	<10	0.05	3		
623	11246		sed	21	25	<20	<20	18	1.31	1.22	1.08	<0.01	0.06	28	12	2	21	<1	<5	<10	0.02	<1		
624	11244		sed	24	23	<20	<20	17	1.53	1.13	1.34	<0.01	0.03	25	10	3	19	<1	<5	<10	<0.01	<1		
624	11245		pan	402	37	<20	<20	10	1.82	1.35	3.92	0.09	0.29	81	7	2	20	<1	<5	<10	0.01	<1		
625	11272		sed	8	12	<20	<20	7	0.64	0.93	5.71	<0.01	0.04	96	6	<2	9	<1	<5	<10	<0.01	<1		
625	11273		pan	306	40	<20	<20	5	1.47	1.41	7.50	0.05	0.32	153	7	<2	18	<1	<5	<10	0.02	1		
625	11274	flt	grab	23	83	<20	<20	4	3.09	2.85	1.17	0.02	<0.01	67	5	5	19	<1	<5	<10	0.26	<1		
626	11237		pan	279	37	<20	<20	6	1.32	1.33	8.01	0.04	0.27	140	7	<2	13	<1	<5	<10	0.03	2		
626	11238		sed	6	9	<20	<20	6	0.45	0.84	6.88	<0.01	0.03	116	6	<2	6	<1	<5	<10	<0.01	<1		
626	11239		pan	233	36	<20	<20	6	1.12	1.23	8.26	0.04	0.22	154	8	<2	11	<1	<5	<10	0.05	2		
626	11269	flt	sel	87	37	<20	<20	7	0.28	1.15	5.02	0.01	0.11	214	9	<2	2	<1	<5	<10	<0.01	9		
626	11270		plac	150	43	111	185	5	0.86	1.16	7.30	0.02	0.11	114	7	<2	10	<1	<5	<10	0.04	1		
626	11271	flt	sel	47	26	<20	<20	3	0.17	0.99	>10.00	<0.01	0.07	626	8	<2	2	<1	<5	<10	<0.01	4		
627	11198		sed	14	17	<20	<20	12	1.03	0.67	1.73	<0.01	0.04	36	8	<2	14	<1	<5	<10	<0.01	<1		
627	11199		pan	476	34	<20	<20	8	1.53	1.09	3.66	0.05	0.27	72	6	2	16	<1	<5	<10	0.03	3		
628	11252	mill	sel	15	11	<20	<20	3	0.25	0.45	>10.00	<0.01	0.05	1694	11	<2	4	<1	<5	<10	<0.01	3		
628	11253		sed	14	19	<20	<20	10	0.97	0.73	1.78	<0.01	0.04	54	9	<2	11	<1	<5	<10	<0.01	<1		
628	11254		pan	412	36	<20	<20	8	1.46	1.15	2.77	0.05	0.28	60	6	2	13	<1	<5	<10	0.02	<1		
629	11240		sed	19	21	<20	<20	14	1.22	0.84	0.89	<0.01	0.03	20	8	<2	14	<1	<5	<10	0.01	<1		
629	11241		pan	489	54	<20	<20	17	2.64	1.10	1.17	0.20	0.61	39	11	4	38	<1	6	<10	0.06	1		
629	11242	flt	sel	48	29	53	<20	11	1.08	0.49	4.04	0.01	<0.01	261	7	4	14	<1	<5	<10	0.09	<1		
630	12401		sed	24	25	<20	<20	13	1.61	1.13	0.87	<0.01	0.04	22	13	<2	22	1	<5	<10	0.016	<1		
630	12402		pan	199	29	<20	<20	11	1.29	0.91	0.97	0.08	0.41	46	8	<2	15	<1	<5	<10	<0.010	8		
631	11202		sed	26	25	<20	<20	25	1.59	1.01	0.63	<0.01	0.04	26	11	3	19	<1	<5	<10	<0.01	<1		
631	11203		pan	469	53	<20	<20	21	2.76	1.23	0.83	0.12	0.56	55	13	4	28	<1	<5	<10	0.06	8		
632	11200	flt	sel	86	28	<20	<20	16	1.44	0.70	1.73	0.05	0.03	67	12	3	22	<1	<5	<10	0.04	2		
632	11201		pan	359	39	<20	<20	17	2.08	1.05	4.26	0.09	0.37	177	14	3	22	<1	<5	<10	0.04	7		
633	11841	flt	sel	301	<1	<20	<20	<1	0.02	0.02	0.05	<0.01	<0.01	1	<1	<2	<1	<1	<5	<10	<0.01	1		
633	11842		sed	11	13	<20	<20	29	0.91	0.85	2.97	<0.01	0.03	102	20	2	16	<1	<5	<10	<0.01	4		
633	11843		pan	187	23	<20	<20	23	1.46	0.99	2.80	0.04	0.19	115	15	<2	24	<1	<5	<10	0.02	7		
634	11255		sed	24	23	<20	<20	16	1.35	1.06	0.75	<0.01	0.06	41	11	2	15	<1	<5	<10	0.01	<1		

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Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
634	11256	67.47984	149.58689	Glacier R trib		pan	no vis Au, from bedrock	Chandalar B-6	SW 25	31N	9W	Fairbanks
635	12426	67.48240	149.67680	Gold Ck, upper		sed		Chandalar B-6	SE 25	31N	10W	Fairbanks
635	12427	67.48240	149.67680	Gold Ck, upper		pan	no vis Au, no mag	Chandalar B-6	SE 25	31N	10W	Fairbanks
635	12428	67.48240	149.67680	Gold Ck, upper	otc	sel	bio qz sch w/ 1% diss po	Chandalar B-6	SE 25	31N	10W	Fairbanks
635	12431	67.48240	149.67633	18 Pup		pan	no vis Au, no mag	Chandalar B-6	SE 25	31N	10W	Fairbanks
635	12432	67.48240	149.67633	18 Pup		sed		Chandalar B-6	SE 25	31N	10W	Fairbanks
636	11774	67.46483	149.81291	Victor Gulch		sed		Chandalar B-6	SW 33	31N	10W	Fairbanks
636	11775	67.46483	149.81291	Victor Gulch		pan	no mag, no vis Au	Chandalar B-6	SW 33	31N	10W	Fairbanks
636	11776	67.46483	149.81291	Nugget Ck		sed		Chandalar B-6	SE 32	31N	10W	Fairbanks
636	11777	67.46483	149.81291	Nugget Ck		pan	1 fine Au, no mag	Chandalar B-6	SE 32	31N	10W	Fairbanks
636	11778	67.46483	149.81291	Nugget Ck		pan	1 coarse, 1 fine, 1 v fine Au	Chandalar B-6	SE 32	31N	10W	Fairbanks
636	11805	67.46483	149.81291	Nugget Ck		plac	4 v coarse, 8 coarse Au	Chandalar B-6	SE 32	31N	10W	Fairbanks
636	12310	67.46595	149.81332	Nugget Ck		pan	2 v fine Au, tr mag, no py	Chandalar B-6	SE 32	31N	10W	Fairbanks
637	12304	67.44757	149.79627	Nugget Ck, upper		sed		Chandalar B-6	NW 9	30N	10W	Fairbanks
637	12305	67.44757	149.79627	Nugget Ck, upper		pan	no mag, no vis Au	Chandalar B-6	NW 9	30N	10W	Fairbanks
637	12306	67.45095	149.79472	Nugget Ck, upper		pan	minor sulfides, no mag, no vis Au	Chandalar B-6	NW 9	30N	10W	Fairbanks
637	12307	67.45117	149.79959	Nugget Ck, upper	flt	sel	calc-qz rock w/ 5% po, apy(?)	Chandalar B-6	SW 4	30N	10W	Fairbanks
637	12308	67.45199	149.79855	Nugget Ck, upper		sed		Chandalar B-6	SW 4	30N	10W	Fairbanks
637	12309	67.45199	149.79855	Nugget Ck, upper		pan	no mag, no vis Au	Chandalar B-6	SW 4	30N	10W	Fairbanks
638	12409	67.44466	149.75181	Victor Gulch, upper		sed		Chandalar B-6	NE 10	30N	10W	Fairbanks
638	12410	67.44466	149.75181	Victor Gulch, upper		pan	no mag, minor sulfides	Chandalar B-6	NE 10	30N	10W	Fairbanks
638	12423	67.44467	149.75180	Victor Gulch, upper	rub	sel	xln calcite vein w/ 2% py	Chandalar B-6	NE 10	30N	10W	Fairbanks
639	12446	67.44849	149.69747	Poss Mtn	flt	sel	bio qz sch w/ 1% fine py, abd lim	Chandalar B-6	SE 2	30N	10W	Fairbanks
639	12447	67.44849	149.69950	Poss Mtn	otc	spac	bio qz sch w/ 1-2% po	Chandalar B-6	SE 2	30N	10W	Fairbanks
640	11844	67.44777	149.65880	Bore Ck	flt	sel	calc ss w/ 1% finely diss py	Chandalar B-6	SW 6	30N	9W	Fairbanks
640	12418	67.44712	149.66591	Bore Ck, west fork		sed		Chandalar B-6	SE 1	30N	10W	Fairbanks
640	12419	67.44712	149.66591	Bore Ck, west fork		pan	no vis Au, minor sulfides	Chandalar B-6	SE 1	30N	10W	Fairbanks
640	12420	67.44712	149.66591	Bore Ck, west fork	flt	sel	qz-carb veins w/ <1% py, po	Chandalar B-6	SE 1	30N	10W	Fairbanks
640	12421	67.44822	149.65958	Bore Ck	otc	sel	qz-carb vein w/ <1% po	Chandalar B-6	SW 6	30N	9W	Fairbanks
640	12422	67.44822	149.65958	Bore Ck	flt	sel	ch sch xcut by meta qz w/ 1% apy	Chandalar B-6	SW 6	30N	9W	Fairbanks
641	12416	67.43727	149.66126	Bore Ck, south fork		sed		Chandalar B-6	SE 12	30N	10W	Fairbanks
641	12417	67.43727	149.66126	Bore Ck, south fork		pan	no vis Au, no blk sands	Chandalar B-6	SE 12	30N	10W	Fairbanks
642	12414	67.43497	149.68583	Poss Mtn	otc	sel	qz ch schist w/ 2% po, lim	Chandalar B-6	SW 12	30N	10W	Fairbanks
642	12415	67.43591	149.67808	Poss Mtn	flt	sel	qz ch schist w/ silic py-rich lens	Chandalar B-6	SE 12	30N	10W	Fairbanks
643	11291	67.41171	149.76550	Minnie Ck		sed		Chandalar B-6	NE 21	30N	10W	Fairbanks
643	11292	67.41171	149.76550	Minnie Ck		pan	1 v fine Au, minor sulfides	Chandalar B-6	NE 21	30N	10W	Fairbanks
643	11332	67.41480	149.76907	Minnie Ck trib		sed		Chandalar B-6	NW 22	30N	10W	Fairbanks
643	11333	67.41480	149.76907	Minnie Ck trib		pan	minor sulfides	Chandalar B-6	NW 22	30N	10W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
634	11256		pan	69	7	6	<0.2	57	7	85	2	36	21	<0.2	<5	16	<5	0.010	4.98	1207	<10	61
635	12426		sed	<5			<0.2	28	7	79	<1	29	15	<0.2	<5	12	<5	0.017	3.85	929	<10	22
635	12427		pan	36.03 ppm	<5	<1	1.9	29	7	85	1	36	17	<0.2	<5	17	<5	0.141	4.28	692	<10	91
635	12428	otc	sel	<5			<0.2	49	5	86	1	37	20	<0.2	<5	10	7	<0.010	5.61	861	<10	71
635	12431		pan	95	<5	<1	20.3	36	7	78	2	35	16	<0.2	<5	14	<5	0.016	4.37	908	<10	64
635	12432		sed	<5			<0.2	34	7	89	<1	32	18	<0.2	<5	12	<5	0.020	4.72	1078	<10	22
636	11774		sed	<5			<0.2	38	9	82	2	38	15	0.5	<5	14	<5	0.013	3.51	638	<10	18
636	11775		pan	5	6	4	<0.2	30	10	94	3	40	15	0.5	<5	17	<5	<0.010	3.89	565	<10	94
636	11776		sed	<5			<0.2	28	9	65	1	25	12	0.2	<5	14	<5	0.019	3.53	834	<10	22
636	11777		pan	84.77 ppm	<5	4	1.1	22	14	66	3	30	12	<0.2	<5	18	<5	0.540	3.70	801	<10	59
636	11778		pan				33.8	28	8	68	4	31	13	<0.2	<5	16	<5	7.500	3.89	766	<10	51
636	11805		plac	0.224 oz/cyd	<5	2	0.3	51	75	78	3	40	20	0.4	<5	180	<5	0.960	5.07	1076	<10	98
636	12310		pan	6095	<5	3	0.8	27	15	74	3	37	14	0.3	<5	25	<5	0.060	3.90	847	<10	59
637	12304		sed	6			<0.2	50	15	125	2	57	21	0.4	<5	21	<5	0.014	4.87	732	<10	41
637	12305		pan	12	<5	4	0.3	24	14	88	4	39	11	0.4	<5	9	<5	<0.010	3.64	487	<10	69
637	12306		pan	357	<5	3	0.2	29	14	88	4	45	14	0.4	<5	8	<5	0.011	4.00	515	<10	80
637	12307	flt	sel	18			0.5	61	59	8	6	34	12	0.3	<5	<5	0.67%	<0.010	2.32	313	<10	17
637	12308		sed	<5			<0.2	41	11	122	3	49	15	0.8	<5	26	<5	<0.010	3.86	621	<10	38
637	12309		pan	9	<5	3	<0.2	24	10	92	3	41	14	0.4	<5	27	<5	<0.010	3.58	543	<10	63
638	12409		sed	<5			<0.2	77	16	118	2	49	14	0.5	<5	13	<5	0.047	4.02	354	<10	35
638	12410		pan	<5	<5	<1	<0.2	55	12	135	1	58	45	0.2	<5	11	<5	0.014	3.03	620	<10	106
638	12423	rub	sel	<5			0.3	5	4	9	<1	3	<1	<0.2	<5	<5	26	<0.010	1.65	885	<10	9
639	12446	flt	sel	17			<0.2	151	22	60	7	13	7	<0.2	<5	<5	7	0.018	6.89	791	<10	7
639	12447	otc	spac	<5			<0.2	216	17	84	16	19	10	0.4	<5	<5	<5	<0.010	>10.00	3280	<10	10
640	11844	flt	sel	<5			0.9	56	39	138	1	11	4	<0.2	<5	9	254	0.020	1.23	202	<10	14
640	12418		sed	10			<0.2	297	39	338	3	129	90	1.0	<5	38	<5	0.080	4.72	1005	<10	65
640	12419		pan	<5	25	1	<0.2	82	17	203	2	91	85	0.7	<5	18	<5	0.024	5.26	1097	<10	113
640	12420	flt	sel	<5			1.0	52	26	148	3	20	8	0.9	<5	13	49	0.045	2.37	475	<10	15
640	12421	otc	sel	<5			0.2	23	10	27	1	14	5	0.2	<5	<5	27	<0.010	1.30	188	<10	10
640	12422	flt	sel	9			0.4	11	94	103	<1	5	5	2.9	<5	714	18	0.022	1.80	2107	<10	19
641	12416		sed	8			<0.2	424	48	288	3	104	132	1.6	<5	31	<5	0.046	4.88	1287	<10	65
641	12417		pan	<5	<5	3	<0.2	100	17	151	2	54	58	0.5	<5	8	<5	0.011	4.43	654	<10	112
642	12414	otc	sel	13			<0.2	183	27	90	8	16	11	0.9	<5	<5	39	0.011	>10.00	4844	<10	8
642	12415	flt	sel	18			1.0	758	50	98	16	24	16	0.6	<5	12	26	0.020	>10.00	5518	<10	17
643	11291		sed	7			<0.2	66	13	135	1	57	23	0.5	<5	25	<5	0.011	4.39	496	<10	22
643	11292		pan	6899	9	6	0.6	65	12	138	2	68	24	0.6	<5	27	<5	0.023	5.45	661	<10	108
643	11332		sed	18			<0.2	108	16	161	2	75	29	0.4	<5	13	<5	<0.010	4.84	593	<10	21
643	11333		pan	44	8	5	<0.2	61	12	125	3	59	17	0.3	<5	10	<5	0.040	5.10	713	<10	106

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
634	11256		pan	266	55	<20	<20	21	2.84	1.59	0.69	0.10	0.69	41	15	5	19	<1	6	<10	0.07	<1		
635	12426		sed	19	23	<20	<20	17	1.40	0.84	0.35	<0.01	0.05	16	8	<2	17	<1	<5	<10	<0.010	<1		
635	12427		pan	283	38	<20	<20	16	1.94	0.83	0.28	0.07	0.30	17	10	<2	28	2	<5	<10	0.033	3		
635	12428	otc	sel	58	29	<20	<20	33	2.70	1.42	0.72	0.03	0.28	23	15	7	23	<1	<5	<10	<0.010	<1		
635	12431		pan	285	33	<20	<20	12	1.65	0.86	2.41	0.05	0.24	74	8	<2	21	2	<5	<10	0.032	2		
635	12432		sed	24	38	<20	<20	16	1.68	1.16	0.68	<0.01	0.07	27	8	<2	22	2	<5	<10	0.013	<1		
636	11774		sed	12	14	<20	<20	19	0.80	0.44	2.83	<0.01	0.03	86	12	<2	12	<1	<5	<10	<0.01	2		
636	11775		pan	180	23	<20	<20	13	1.39	1.02	4.12	0.04	0.19	161	11	<2	22	<1	<5	<10	<0.01	5		
636	11776		sed	14	15	<20	<20	16	0.96	0.79	3.03	<0.01	0.04	55	8	2	14	<1	<5	<10	<0.01	1		
636	11777		pan	207	21	<20	<20	11	1.32	0.99	3.49	0.04	0.18	99	7	<2	19	<1	<5	<10	0.01	4		
636	11778		pan	197	21	<20	<20	11	1.32	1.05	3.38	0.04	0.17	100	7	<2	19	<1	<5	<10	0.01	4		
636	11805		plac	256	27	<20	<20	16	1.31	0.87	2.40	0.03	0.17	70	11	<2	16	<1	<5	<10	0.03	3		
636	12310		pan	359	25	<20	<20	12	1.49	0.92	2.97	0.04	0.17	82	8	<2	19	<1	<5	<10	0.016	2		
637	12304		sed	32	27	<20	<20	30	2.12	1.39	0.42	<0.01	0.05	21	15	5	43	<1	<5	<10	<0.010	4		
637	12305		pan	275	25	<20	<20	13	1.75	1.06	3.84	0.03	0.15	136	9	<2	28	<1	<5	<10	0.012	3		
637	12306		pan	418	26	<20	<20	14	1.89	1.05	3.53	0.04	0.19	123	11	<2	26	1	<5	<10	0.020	3		
637	12307	flt	sel	156	6	<20	<20	3	0.03	0.16	1.71	<0.01	<0.01	88	2	<2	<1	<1	<5	<10	<0.010	1		
637	12308		sed	23	20	<20	<20	23	1.46	1.01	0.65	<0.01	0.04	27	11	4	26	<1	<5	<10	<0.010	3		
637	12309		pan	198	26	<20	<20	15	1.59	0.77	0.59	0.03	0.14	26	8	<2	24	<1	<5	<10	0.016	2		
638	12409		sed	15	17	<20	<20	27	1.19	0.66	0.82	<0.01	0.05	65	23	<2	20	<1	<5	<10	<0.010	8		
638	12410		pan	227	44	<20	<20	31	2.58	1.05	0.28	0.06	0.25	24	19	<2	48	2	<5	<10	<0.010	4		
638	12423	rub	sel	21	1	<20	<20	12	0.08	0.23	>10.00	<0.01	0.01	936	13	<2	2	<1	<5	<10	<0.010	<1		
639	12446	flt	sel	147	29	<20	<20	8	1.09	0.33	1.10	0.02	<0.01	44	9	2	12	2	<5	<10	0.023	2		
639	12447	otc	spac	90	31	<20	<20	11	1.73	0.78	3.99	<0.01	0.01	182	11	4	13	1	<5	<10	0.031	<1		
640	11844	flt	sel	73	4	<20	<20	6	0.26	0.47	>10.00	0.01	0.05	1837	9	<2	10	<1	<5	<10	<0.01	2		
640	12418		sed	24	27	<20	<20	164	3.10	0.62	0.27	<0.01	0.12	17	136	<2	37	<1	<5	<10	<0.010	5		
640	12419		pan	276	40	<20	<20	44	2.41	0.87	0.29	0.06	0.28	37	31	<2	50	2	<5	<10	0.013	5		
640	12420	flt	sel	61	4	<20	<20	7	0.15	1.81	>10.00	0.01	0.06	1101	13	<2	3	<1	<5	<10	<0.010	1		
640	12421	otc	sel	69	3	<20	<20	2	0.09	0.32	9.36	<0.01	0.02	378	7	<2	2	<1	<5	<10	<0.010	<1		
640	12422	flt	sel	40	2	<20	<20	6	0.18	0.44	>10.00	0.01	0.07	2000	13	<2	2	<1	<5	<10	<0.010	<1		
641	12416		sed	24	32	<20	<20	176	2.41	0.75	0.24	<0.01	0.11	16	144	<2	39	1	<5	<10	<0.010	2		
641	12417		pan	213	35	<20	<20	40	2.07	0.70	0.13	0.05	0.27	16	23	<2	39	1	<5	<10	0.011	10		
642	12414	otc	sel	99	37	<20	<20	7	2.06	0.91	2.73	0.01	<0.01	144	13	6	19	2	<5	<10	0.012	<1		
642	12415	flt	sel	68	28	<20	<20	12	1.62	0.83	5.06	0.01	0.03	211	10	5	11	<1	<5	<10	0.029	<1		
643	11291		sed	19	21	<20	<20	26	1.48	0.96	1.86	<0.01	0.04	67	16	2	29	<1	<5	<10	<0.01	<1		
643	11292		pan	273	40	<20	<20	20	2.48	1.45	2.26	0.11	0.48	89	13	3	32	<1	<5	<10	0.02	4		
643	11332		sed	24	29	<20	<20	34	1.93	0.91	0.64	<0.01	0.04	29	25	3	41	<1	<5	<10	0.01	<1		
643	11333		pan	251	47	<20	<20	17	2.59	1.09	1.66	0.09	0.34	69	18	4	39	<1	<5	<10	0.07	7		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
643	11334	67.41480	149.76907	Minnie Ck trib	flt	sel	blk mica schist w/ 1% py	Chandalar B-6	NW 22	30N	10W	Fairbanks
643	11343	67.41171	149.76550	Minnie Ck	flt	sel	orthogneiss, meta granite w/ po	Chandalar B-6	NE 21	30N	10W	Fairbanks
644	11295	67.42315	149.79298	Poss Mtn	otc	sel	qz nodule w/ tr hem(?)	Chandalar B-6	SW 16	30N	10W	Fairbanks
645	11296	67.41882	149.82165	Minnie Ck trib		sed		Chandalar B-6	SE 17	30N	10W	Fairbanks
645	11297	67.41882	149.82165	Minnie Ck trib		pan	no vis Au	Chandalar B-6	SE 17	30N	10W	Fairbanks
646	11298	67.40734	149.80874	Minnie Ck trib		sed		Chandalar B-6	SW 21	30N	10W	Fairbanks
646	11299	67.40734	149.80874	Minnie Ck trib		pan	miner v fine py and po	Chandalar B-6	SW 21	30N	10W	Fairbanks
646	11300	67.40734	149.80874	Minnie Ck trib	flt	sel	marble xcut by qz w/ py, po(?)	Chandalar B-6	SW 21	30N	10W	Fairbanks
646	11331	67.40734	149.80874	Minnie Ck trib	otc	sel	qz-mica schist w/ 1% py	Chandalar B-6	SW 21	30N	10W	Fairbanks
647	10750	67.37966	149.91631	Howard Ck, upper	flt	sel	qz lense in schist w/ lim	Chandalar B-6	SW 36	30N	11W	Fairbanks
647	10751	67.38206	149.91968	Howard Ck, upper	flt	sel	veln qz w/ ank(?), lim	Chandalar B-6	SW 36	30N	11W	Fairbanks
647	10752	67.38206	149.91968	Howard Ck, upper	rub	sel	calc-qz-mica schist w/ lim	Chandalar B-6	SW 36	30N	11W	Fairbanks
647	10753	67.38109	149.92056	Howard Ck, upper	otc	rep	marble w/ rumor green alt	Chandalar B-6	SE 35	30N	11W	Fairbanks
647	10754	67.38109	149.92056	Howard Ck, upper	rub	sel	marble w/ hem(?)	Chandalar B-6	SE 35	30N	11W	Fairbanks
648	10755	67.37559	149.92873	Howard Ck, upper	rub	sel	marble w/ lim, green alt	Chandalar B-6	SE 35	30N	11W	Fairbanks
648	10756	67.37559	149.92873	Howard Ck, upper	rub	sel	calc-qz-mica schist w/ lim	Chandalar B-6	SE 35	30N	11W	Fairbanks
648	10757	67.37559	149.92873	Howard Ck, upper	rub	sel	qz-chl schist w/ py, lim	Chandalar B-6	SE 35	30N	11W	Fairbanks
648	10758	67.37476	149.93286	Howard Ck, upper	flt	sel	phyllite w/ diss py, tr lim	Chandalar B-6	NE 2	29N	11W	Fairbanks
648	10759	67.37476	149.93286	Howard Ck, upper	flt	sel	marble w/ py, lim	Chandalar B-6	NE 2	29N	11W	Fairbanks
648	10760	67.37667	149.92111	Howard Ck, upper	flt	sel	qz-mica schist w/ hem	Chandalar B-6	SW 35	30N	11W	Fairbanks
649	11335	67.33727	149.90611	Marion Ck		sed		Chandalar B-6	SE 13	29N	11W	Fairbanks
649	11336	67.33727	149.90611	Marion Ck		pan	1 fine Au	Chandalar B-6	SE 13	29N	11W	Fairbanks
649	11337	67.33727	149.90611	Marion Ck	flt	sel	dark gray qtz w/ 1% po	Chandalar B-6	SE 13	29N	11W	Fairbanks
649	11338	67.33959	149.90952	Marion Ck trib		sed		Chandalar B-6	NE 13	29N	11W	Fairbanks
649	11339	67.33959	149.90952	Marion Ck trib		pan	1 coarse, 8 fine, 2 v fine Au	Chandalar B-6	NE 13	29N	11W	Fairbanks
649	11340	67.33959	149.90952	Marion Ck trib		plac	4 fine, 24 v fine Au	Chandalar B-6	NE 13	29N	11W	Fairbanks
650	12320	67.32621	150.02692	Marion Ck		pan	1 coarse, 6 fine, 2 v fine Au	Wiseman B-1	NW 21	29N	11W	Fairbanks
650	12321	67.32510	150.03468	Marion Ck		pan	2 coarse, 2 fine, 4 v fine Au	Wiseman B-1	NE 21	29N	11W	Fairbanks
651	12322	67.32451	150.03756	Marion Ck		pan	1 fine Au	Wiseman B-1	NE 20	29N	11W	Fairbanks
651	12323	67.32323	150.04838	Marion Ck		pan	1 fine, 14 v fine Au	Wiseman B-1	SE 20	29N	11W	Fairbanks
651	12324	67.32323	150.04838	Marion Ck		pan	1 coarse, 12 fine, 16 v fine Au	Wiseman B-1	SE 20	29N	11W	Fairbanks
652	10737	67.34964	150.20146	Sawyer Ck		sed		Wiseman B-1	SW 10	29N	12W	Fairbanks
652	10738	67.34964	150.20146	Sawyer Ck		pan	no mag	Wiseman B-1	SW 10	29N	12W	Fairbanks
652	10739	67.34964	150.20146	Sawyer Ck	flt	sel	ch-qz schist w/ py, lim	Wiseman B-1	SW 10	29N	12W	Fairbanks
653	11489	67.32676	150.51626	Rock Ck		sed		Wiseman B-2	SE 19	29N	13W	Fairbanks
653	11490	67.32676	150.51626	Rock Ck		pan	tr blk sands (not mag)	Wiseman B-2	SE 19	29N	13W	Fairbanks
653	11491	67.32676	150.51626	Rock Ck	flt	sel	qz mica schist w/ 3% po	Wiseman B-2	SE 19	29N	13W	Fairbanks
653	11492	67.32676	150.51626	Rock Ck	flt	sel	greenstone	Wiseman B-2	SE 19	29N	13W	Fairbanks

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Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
643	11334	flt	sel	<5			<0.2	66	3	120	<1	61	21	<0.2	<5	15	<5	0.018	4.09	218	<10	102
643	11343	flt	sel	<5			<0.2	20	4	92	<1	34	10	0.3	<5	7	<5	<0.010	3.31	404	<10	35
644	11295	otc	sel	<5			0.9	2	3	738	1	5	<1	3.4	<5	8	<5	0.127	0.70	134	<10	27
645	11296		sed	60			<0.2	37	10	103	2	60	20	0.6	<5	31	<5	0.029	3.46	619	<10	41
645	11297		pan	36	7	6	<0.2	17	9	71	3	36	9	0.2	<5	11	<5	0.012	3.10	504	<10	117
646	11298		sed	<5			<0.2	62	11	135	1	90	36	1.5	<5	15	<5	0.019	3.77	770	<10	40
646	11299		pan	19	7	7	<0.2	43	9	140	4	54	26	1.0	<5	30	<5	0.018	5.24	798	<10	178
646	11300	flt	sel	<5			1.1	3	9	15	<1	3	<1	<0.2	<5	<5	<5	<0.010	0.50	93	<10	11
646	11331	otc	rub	<5			0.2	24	9	40	1	33	10	<0.2	<5	10	<5	<0.010	2.94	302	<10	34
647	10750	flt	sel	<5			<0.2	9	15	24	5	22	3	<0.2	<5	6	7	0.028	0.82	74	<10	34
647	10751	flt	sel	<5			<0.2	19	41	22	3	15	4	<0.2	<5	<5	9	0.018	1.01	110	<10	29
647	10752	rub	sel	<5			<0.2	21	8	75	2	51	23	0.6	<5	32	6	0.026	3.32	996	<10	26
647	10753	otc	rep	<5			2.1	<1	<2	1	<1	<1	<1	<0.2	<5	<5	<5	0.018	0.05	34	<10	3
647	10754	rub	sel	<5			1.9	<1	<2	6	1	2	<1	<0.2	<5	<5	<5	0.024	0.26	50	<10	1
648	10755	rub	sel	<5			3.0	<1	5	9	<1	<1	<1	<0.2	<5	<5	<5	0.017	0.35	249	<10	<1
648	10756	rub	sel	<5			1.5	7	6	41	<1	10	2	<0.2	<5	6	<5	0.011	2.21	282	<10	14
648	10757	rub	sel	<5			<0.2	16	39	455	1	3	4	1.7	<5	<5	<5	0.233	1.64	746	<10	72
648	10758	flt	sel	19			0.3	56	20	7	21	60	39	<0.2	<5	131	11	0.232	6.90	24	<10	8
648	10759	flt	sel	<5			2.1	86	16	168	3	29	8	0.6	<5	23	9	0.220	8.26	66	<10	16
648	10760	flt	sel	19			<0.2	80	16	86	2	47	13	0.8	<5	8	10	0.019	>10.00	4397	<10	22
649	11335		sed	<5			<0.2	44	13	109	2	36	13	<0.2	<5	14	<5	0.026	4.01	308	<10	26
649	11336		pan	3739	10	7	<0.2	44	11	103	3	36	12	<0.2	<5	15	<5	0.041	4.72	384	<10	149
649	11337	flt	sel	<5			<0.2	8	5	75	<1	27	7	0.4	<5	12	<5	<0.010	2.57	141	<10	52
649	11338		sed	<5			<0.2	35	12	107	<1	31	14	<0.2	<5	24	<5	0.017	3.50	313	<10	21
649	11339		pan	31.80 ppm	9	7	7.2	65	17	147	3	50	16	0.3	<5	60	<5	0.140	5.69	574	<10	212
649	11340		plac	0.006 oz/cyd	<70	<70	4.1	69	90	137	2	53	31	0.3	<5	601	<5	18.930	7.70	930	<10	82
650	12320		pan	88.35 ppm	<5	2	10.8	29	8	79	2	30	13	0.7	<5	19	<5	0.294	3.22	294	<10	71
650	12321		pan	119.65 ppm	6	8	8.1	41	14	99	3	50	21	0.9	<5	30	<5	0.293	4.05	593	<10	78
651	12322		pan	21	<5	4	<0.2	36	9	120	2	45	21	0.3	<5	19	<5	0.013	3.09	534	<10	90
651	12323		pan	83.52 ppm	<5	3	7.0	35	10	111	3	59	29	1.0	<5	28	<5	0.255	3.64	643	<10	73
651	12324		pan	344.34 ppm	25	<1	12.7	26	6	85	1	42	24	1.1	<5	19	<5	0.383	2.79	529	<10	54
652	10737		sed	<5			0.2	36	29	100	1	33	13	0.3	<5	29	<5	0.063	2.80	690	<10	28
652	10738		pan	1632			0.5	64	36	118	2	76	29	<0.2	<5	51	<5	0.131	6.32	612	<10	39
652	10739	flt	sel	<5			<0.2	123	5	60	1	68	35	<0.2	<5	<5	10	0.031	5.79	457	<10	37
653	11489		sed	<5			<0.2	67	12	114	1	77	23	0.7	<5	14	<5	0.028	4.83	649	<10	39
653	11490		pan	<5	<5	1	<0.2	49	9	96	2	58	23	0.7	<5	11	<5	0.020	4.93	714	<10	224
653	11491	flt	sel	<5			0.2	103	2	138	<1	29	24	0.5	<5	<5	<5	0.013	5.96	465	<10	121
653	11492	flt	sel	<5			<0.2	35	<2	49	<1	74	28	0.2	<5	<5	<5	0.010	4.57	636	<10	7

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
643	11334	flt	sel	47	31	<20	<20	32	2.13	0.90	0.26	0.05	0.32	20	16	3	38	<1	<5	<10	0.07	8		
643	11343	flt	sel	62	30	<20	<20	10	1.63	0.74	1.09	0.05	0.10	22	10	2	32	<1	<5	<10	0.03	3		
644	11295	otc	sel	18	2	<20	<20	<1	0.07	1.10	>10.00	<0.01	0.04	819	5	<2	1	<1	<5	<10	<0.01	<1		
645	11296		sed	20	22	<20	<20	21	1.51	1.35	2.28	<0.01	0.04	56	14	2	28	<1	<5	<10	0.01	<1		
645	11297		pan	351	35	<20	<20	10	1.97	1.05	3.93	0.15	0.32	123	9	3	25	<1	<5	<10	0.06	5		
646	11298		sed	15	15	<20	<20	20	1.04	0.85	0.98	<0.01	0.04	39	15	<2	19	<1	<5	<10	<0.01	<1		
646	11299		pan	459	57	<20	<20	18	3.08	1.09	0.60	0.21	0.60	54	11	3	37	<1	<5	<10	0.04	7		
646	11300	flt	sel	24	3	<20	<20	<1	0.09	1.46	>10.00	<0.01	0.04	1036	4	<2	2	<1	<5	<10	<0.01	<1		
646	11331	otc	rep	52	6	<20	<20	9	0.61	1.62	6.73	0.02	0.20	179	11	<2	10	<1	<5	<10	<0.01	<1		
647	10750	flt	sel	215	9	<20	<20	4	0.53	0.15	0.09	0.02	0.09	9	3	<2	6	<1	<5	<10	<0.01	4		
647	10751	flt	sel	238	8	<20	<20	13	0.44	0.11	0.30	0.02	0.08	31	12	<2	5	<1	<5	<10	<0.01	10		
647	10752	rub	sel	76	28	<20	<20	51	1.39	0.73	>10.00	0.02	0.05	167	36	3	18	2	<5	<10	<0.01	3		
647	10753	otc	rep	<1	<1	<20	<20	1	<0.01	0.13	>10.00	<0.01	<0.01	274	<1	<2	<1	3	<5	<10	<0.01	<1		
647	10754	rub	sel	<1	<1	<20	<20	1	0.01	0.08	>10.00	<0.01	<0.01	124	2	<2	<1	2	<5	<10	<0.01	<1		
648	10755	rub	sel	1	2	<20	<20	2	<0.01	0.42	>10.00	<0.01	<0.01	231	2	<2	<1	6	<5	<10	<0.01	<1		
648	10756	rub	sel	23	10	<20	<20	8	1.34	1.09	>10.00	0.02	0.05	165	7	<2	23	4	<5	<10	<0.01	<1		
648	10757	rub	sel	88	2	<20	<20	24	0.44	0.35	2.92	0.03	0.27	402	13	<2	2	<1	<5	<10	<0.01	10		
648	10758	flt	sel	51	15	<20	<20	10	0.44	<0.01	0.03	0.03	0.23	10	2	<2	<1	<1	<5	<10	<0.01	11		
648	10759	flt	sel	3	4	<20	<20	4	0.17	0.08	>10.00	0.03	0.03	185	3	<2	1	<1	<5	<10	<0.01	5		
648	10760	flt	sel	121	61	<20	<20	73	1.66	0.11	2.64	<0.01	<0.01	139	67	<2	11	<1	<5	<10	0.03	2		
649	11335		sed	18	22	<20	<20	24	1.36	0.62	0.14	<0.01	0.05	13	11	<2	29	<1	<5	<10	<0.01	<1		
649	11336		pan	329	37	<20	<20	19	2.00	0.72	0.15	0.07	0.40	22	9	3	31	<1	<5	<10	0.02	9		
649	11337	flt	sel	109	28	<20	<20	13	1.31	0.58	0.11	0.03	0.11	8	8	<2	29	<1	<5	<10	0.04	4		
649	11338		sed	16	21	<20	<20	24	1.13	0.53	0.13	<0.01	0.04	15	10	<2	23	<1	<5	<10	<0.01	<1		
649	11339		pan	433	55	<20	<20	27	2.81	0.69	0.17	0.13	0.62	39	14	4	31	<1	<5	<10	0.05	10		
649	11340		plac	229	46	<20	49	25	1.55	0.49	0.29	0.03	0.17	26	18	<2	22	<1	<5	<10	0.05	4		
650	12320		pan	197	33	<20	<20	29	1.07	0.36	0.13	0.04	0.23	19	16	<2	26	1	<5	<10	0.031	6		
650	12321		pan	378	40	<20	<20	30	1.43	0.47	0.30	0.04	0.22	28	20	<2	29	2	<5	<10	0.057	7		
651	12322		pan	187	32	<20	<20	31	1.64	0.73	0.16	0.03	0.19	18	11	<2	31	1	<5	<10	0.022	5		
651	12323		pan	273	35	<20	<20	35	1.34	0.48	0.21	0.03	0.19	21	19	<2	29	1	<5	<10	0.042	6		
651	12324		pan	126	36	<20	<20	35	1.03	0.38	0.14	0.03	0.20	19	19	<2	33	2	<5	<10	0.038	6		
652	10737		sed	12	15	<20	<20	19	0.72	1.38	2.65	<0.01	0.03	58	10	<2	10	<1	<5	<10	<0.01	1		
652	10738		pan	101	23	<20	<20	25	1.27	1.35	3.23	0.02	0.12	82	10	<2	35	<1	<5	<10	0.03	4		
652	10739	flt	sel	132	124	<20	<20	3	3.38	3.34	0.72	0.03	0.04	22	11	<2	38	4	6	<10	0.35	<1		
653	11489		sed	32	31	<20	<20	35	1.58	1.23	0.28	<0.01	0.06	11	19	6	30	1	<5	<10	<0.01	<1		
653	11490		pan	244	53	<20	<20	25	3.71	1.23	0.70	0.08	0.39	38	21	5	36	3	6	<10	0.09	1		
653	11491	flt	sel	56	73	<20	<20	2	2.19	1.74	0.60	0.03	0.12	16	4	<2	22	5	<5	<10	0.26	<1		
653	11492	flt	sel	112	38	<20	<20	1	2.44	2.13	0.68	0.04	<0.01	18	5	<2	29	1	<5	<10	0.20	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
654	10882	67.32506	150.30954	Emma Draw	sub	sel	vein qz w/ blk hem, sid	Wiseman B-1	NE 22	29N	13W	Fairbanks
655	12541	67.32758	150.26453	Emma Ck, north fork	flt	sel	marble breccia w/ hem, py(?)	Wiseman B-1	NE 20	29N	12W	Fairbanks
655	12542	67.32709	150.26478	Emma Ck, north fork		sed		Wiseman B-1	NE 20	29N	12W	Fairbanks
655	12543	67.32709	150.26478	Emma Ck, north fork		pan	mod py	Wiseman B-1	NE 20	29N	12W	Fairbanks
655	12554	67.32725	150.26485	Emma Ck, south fork	otc	rand	marble w/ ca vein, 1% py	Wiseman B-1	NE 20	29N	12W	Fairbanks
655	12555	67.32725	150.26485	Emma Ck, south fork		pan	tr fine py	Wiseman B-1	NE 20	29N	12W	Fairbanks
656	12484	67.32200	150.22381	Emma Ck		slu	vis Au, gn, Sb	Wiseman B-1	SE 21	29N	12W	Fairbanks
657	12485	67.32104	150.18701	Emma Ck		slu	vis Au, gn, sl, Sb	Wiseman B-1	SW 22	29N	12W	Fairbanks
658	11319	67.29688	150.19853	Kelly Gulch		sed		Wiseman B-1	NW 34	29N	12W	Fairbanks
658	11320	67.29688	150.19853	Kelly Gulch		pan	no mag. from gravel bar	Wiseman B-1	NW 34	29N	12W	Fairbanks
659	12330	67.28292	150.14161	Clara Ck	otc	sel	eclogite w/ 1% cpy, lt mal	Wiseman B-1	NW 2	28N	12W	Fairbanks
659	12331	67.28292	150.14161	Clara Ck	otc	rand	eclogite	Wiseman B-1	NW 2	28N	12W	Fairbanks
660	11317	67.27775	150.11035	Clara Ck trib		sed		Wiseman B-1	SW 1	28N	12W	Fairbanks
660	11318	67.27775	150.11035	Clara Ck trib		pan	1 coarse, subround Au	Wiseman B-1	SW 1	28N	12W	Fairbanks
660	12332	67.27905	150.10966	Clara Ck	flt	sel	sch breccia (?) w/ minor FeO	Wiseman B-1	SE 1	28N	12W	Fairbanks
660	12333	67.27905	150.10966	Clara Ck		sed		Wiseman B-1	SE 1	28N	12W	Fairbanks
660	12334	67.27905	150.10966	Clara Ck		pan	no vis Au	Wiseman B-1	SE 1	28N	12W	Fairbanks
661	12328	67.30232	150.09591	Marion Ck trib		pan	no vis Au, minor rusty py	Wiseman B-1	NW 31	29N	11W	Fairbanks
661	12329	67.30027	150.09812	Marion Ck trib	flt	sel	gossanous rock	Wiseman B-1	NW 31	29N	11W	Fairbanks
662	12325	67.31412	150.09872	Marion Ck		pan	tr rusty py, no vis Au	Wiseman B-1	NW 30	29N	11W	Fairbanks
662	12326	67.31397	150.09562	Marion Ck	flt	sel	gossanous sch breccia	Wiseman B-1	NW 30	29N	11W	Fairbanks
662	12327	67.31013	150.09741	Marion Ck trib		pan	no mag, no vis Au, tr gar(?)	Wiseman B-1	SW 30	29N	11W	Fairbanks
663	12313	67.30087	150.05412	Marion Ck ridge	sub	sel	ch felt w/ gar(?)	Wiseman B-1	NW 32	29N	11W	Fairbanks
664	11310	67.26112	149.97610	Myrtle Ck, upper		sed		Chandalar B-6	SE 9	28N	11W	Fairbanks
664	11311	67.26112	149.97610	Myrtle Ck, upper		pan	2 fine Au	Chandalar B-6	SE 9	28N	11W	Fairbanks
664	11312	67.26112	149.97610	Myrtle Ck, upper		slu		Chandalar A-6	SW 16	28N	11W	Fairbanks
664	11313	67.26112	149.97610	Myrtle Ck, upper	flt	sel	blue qz schist w/ 20% py	Chandalar A-6	SW 16	28N	11W	Fairbanks
664	11904	67.26014	149.97307	Myrtle Ck, upper		plac	4 coarse, 3 fine, 17 v fine Au	Chandalar B-6	SE 9	28N	11W	Fairbanks
665	11853	67.28445	149.92934	Myrtle Ck, upper		sed		Chandalar B-6	NE 3	28N	11W	Fairbanks
665	11854	67.28445	149.92934	Myrtle Ck, upper		pan	minor sulfides, no mag, no vis Au	Chandalar B-6	NE 3	28N	11W	Fairbanks
665	11855	67.28445	149.92934	Myrtle Ck, upper		sed		Chandalar B-6	NE 3	28N	11W	Fairbanks
665	11856	67.28445	149.92934	Myrtle Ck, upper		pan	no mag, no vis Au	Chandalar B-6	NE 3	28N	11W	Fairbanks
665	11857	67.28445	149.92934	Myrtle Ck, upper	flt	sel	meta-mudstone(?) w/ 10% diss py	Chandalar B-6	NE 3	28N	11W	Fairbanks
666	11830	67.29272	149.66448	Boulder Ck		sed		Chandalar B-6	NW 31	29N	9W	Fairbanks
666	11831	67.29272	149.66448	Boulder Ck		pan	Tr fine, no mag	Chandalar B-6	NW 31	29N	9W	Fairbanks
667	11832	67.28865	149.67638	Boulder Ck		pan	minor sulfides, no mag, no vis Au	Chandalar B-6	SW 36	29N	10W	Fairbanks
667	11833	67.28865	149.67638	Boulder Ck	otc	sel	qz-mica schist w/ 1% po, 3% py	Chandalar B-6	SW 36	29N	10W	Fairbanks
668	11834	67.28254	149.67877	Boulder Ck		pan	5 v fine Au, tr mag	Chandalar B-6	NE 2	28N	10W	Fairbanks

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Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
654	10882	rub	sel	<5			<0.2	11	4	13	1	7	3	<0.2	<5	17	<5	0.013	0.69	110	<10	1
655	12541	flt	sel	8			<0.2	25	<2	12	4	13	3	<0.2	<5	23	<5		0.62	199	<10	10
655	12542		sed	<5			<0.2	33	11	66	3	43	16	0.3	<5	16	<5	0.123	3.31	391	<10	18
655	12543		pan	11	<5	17	0.3	120	32	119	7	71	32	<0.2	<5	32	6	2.399	6.61	503	<10	105
655	12554	otc	rand	<5			<0.2	34	3	17	1	9	2	0.2	<5	6	<5		0.61	117	<10	21
655	12555		pan	8	<5	4	0.2	59	18	108	6	66	27	<0.2	<5	25	<5	0.423	5.52	466	<10	74
656	12484		slu		<5	4	623.5	87	>10000	89	<1	67	44	34.1	21	169	1397	0.516	>10.00	398	<10	67
657	12485		slu		<5	5	2756.0	227	>10000	145	9	80	48	156.8	111	828	0.25%	1.743	>10.00	272	33	17
658	11319		sed	27			<0.2	28	13	68	1	35	13	<0.2	<5	11	<5	0.019	2.68	389	<10	39
658	11320		pan	73	6	6	0.2	51	22	103	3	71	24	0.3	<5	19	<5	0.055	6.04	496	<10	184
659	12330	otc	sel	31			1.0	673	<2	40	3	23	21	0.3	<5	<5	45	0.060	3.46	630	<10	11
659	12331	otc	rand	<5			0.3	141	<2	36	4	36	28	<0.2	<5	12	26	0.011	3.66	700	<10	11
660	11317		sed	21			<0.2	63	17	86	1	73	20	0.3	<5	13	<5	0.106	3.12	226	<10	117
660	11318		pan	198.93 ppm	8	7	13.5	50	15	146	3	108	71	1.1	<5	9	<5	0.953	5.18	1560	<10	150
660	12332	flt	sel	<5			<0.2	21	<2	114	2	43	25	<0.2	<5	<5	75	<0.010	8.39	1444	<10	16
660	12333		sed	11			<0.2	62	14	182	1	85	35	1.0	<5	14	<5	0.043	4.80	765	<10	52
660	12334		pan	1633	<5	4	<0.2	48	10	135	3	64	30	0.6	<5	11	<5	0.032	5.23	696	<10	111
661	12328		pan	1087	<5	6	<0.2	64	8	101	4	49	22	0.5	<5	27	<5	0.028	6.03	934	<10	112
661	12329	flt	sel	83			0.4	385	8	371	6	82	27	1.2	<5	15	1421	0.027	>10.00	413	<10	83
662	12325		pan	28	<5	4	<0.2	39	10	131	2	53	27	0.7	<5	33	<5	0.014	4.65	606	<10	93
662	12326	flt	sel	10			<0.2	124	<2	82	5	17	3	0.9	<5	191	392	0.046	>10.00	62	<10	102
662	12327		pan	7	<5	5	<0.2	47	9	93	4	43	21	0.3	<5	16	<5	0.016	4.84	793	<10	129
663	12311	rub	sel	<5			<0.2	47	<2	38	2	30	26	<0.2	<5	5	29	<0.010	3.52	457	<10	11
664	11310		sed	<5			<0.2	44	17	130	1	43	20	<0.2	<5	13	<5	0.055	4.81	504	<10	59
664	11311		pan	9790	11	8	0.9	72	19	164	3	67	22	0.3	<5	21	<5	0.492	7.84	469	<10	180
664	11312		slu		<70	<70	14.1	80	1099	106	10	115	146	0.9	<5	710	<5	4.410	>10.00	756	<10	2
664	11313	flt	sel	23			0.2	55	21	106	33	113	31	1.2	<5	80	<5	0.323	>10.00	216	<10	6
664	11904		plac	0.024 oz/cyd	651	7	<0.2	48	19	143	2	60	25	0.4	<5	22	<5	6.660	6.41	582	<10	85
665	11853		sed	25			<0.2	28	15	103	2	29	10	<0.2	<5	11	<5	0.039	4.67	283	<10	44
665	11854		pan	15	6	5	<0.2	46	13	153	2	63	45	0.6	<5	9	<5	0.045	5.48	777	<10	113
665	11855		sed	<5			<0.2	22	14	125	2	102	42	1	<5	13	<5	0.046	5.01	1101	<10	49
665	11856		pan	10	<5	5	<0.2	61	11	153	4	89	43	1	<5	14	<5	0.054	6.13	1227	<10	161
665	11857	flt	sel	10			0.3	42	26	83	22	66	15	0.5	<5	60	26	0.350	5.83	90	<10	24
666	11830		sed	<5			<0.2	40	13	114	<1	42	16	0.4	<5	10	<5	0.025	3.87	493	<10	44
666	11831		pan				<0.2	31	10	124	2	49	19	0.4	<5	13	<5	0.026	4.77	453	<10	101
667	11832		pan				<0.2	56	15	160	2	56	24	0.5	<5	11	<5	0.052	6.14	529	<10	107
667	11833	otc	sel	9			<0.2	194	15	132	2	59	36	0.4	<5	22	72	0.050	5.71	401	<10	71
668	11834		pan	3635	6	4	<0.2	42	21	134	3	54	23	0.4	<5	18	<5	0.110	5.77	505	<10	104

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
654	10682	rub	sel	228	1	<20	<20	<1	0.01	0.31	0.75	<0.01	<0.01	15	1	<2	<1	<1	<5	<10	<0.01	1		
655	12541	flt	sel	14	13	<4	<4	2	0.12	1.21	>10.00	0.01	0.01	218	10	<2	1	<1	<5	<10	<0.010	1		
655	12542		sed	12	10	<20	<20	16	0.83	0.91	3.96	<0.01	0.02	104	11	<2	9	1	<5	<10	<0.010	<1		
655	12543		pan	167	36	<20	<20	15	1.79	1.43	5.79	0.06	0.32	239	13	<2	28	3	<5	<10	0.023	6		
655	12554	otc	rand	19	5	<4	5	2	0.14	>10.00	>10.00	0.01	0.06	169	4	<2	3	5	<5	<10	<0.010	<1		
655	12555		pan	122	29	<20	<20	15	1.67	1.32	6.91	0.04	0.28	225	11	2	26	2	<5	<10	0.012	4		
656	12484		slu	53	28	<20	466	12	0.85	1.59	7.44	0.03	0.15	218	10	12	12	2	<5	<10	<0.010	11		
657	12485		slu	51	189	70	361	14	0.25	0.15	1.56	<0.01	0.02	87	9	<2	2	14	<5	<10	0.014	<1		
658	11319		sed	15	13	<20	<20	21	0.79	0.66	0.75	<0.01	0.04	26	11	<2	10	<1	<5	<10	<0.01	<1		
658	11320		pan	271	40	<20	<20	17	2.24	1.29	0.94	0.08	0.40	43	12	3	25	<1	<5	<10	0.04	5		
659	12330	otc	sel	101	57	<20	<20	<1	1.62	1.04	1.30	0.07	<0.01	8	7	<2	6	3	7	<10	0.212	<1		
659	12331	otc	rand	134	59	<20	<20	1	1.83	0.99	1.61	0.10	<0.01	11	8	<2	3	4	8	<10	0.275	<1		
660	11317		sed	13	20	<20	<20	93	1.14	0.44	0.44	<0.01	0.09	26	23	2	18	<1	<5	<10	<0.01	<1		
660	11318		pan	335	42	<20	<20	53	2.17	0.79	0.33	0.08	0.39	35	22	4	33	<1	<5	<10	0.02	<1		
660	12332	flt	sel	154	181	<20	<20	5	6.16	1.53	0.04	0.03	0.01	11	3	3	55	11	19	<10	<0.010	<1		
660	12333		sed	27	32	<20	<20	74	1.77	0.89	0.28	<0.01	0.07	20	27	4	33	2	<5	<10	0.024	<1		
660	12334		pan	200	39	<20	<20	23	2.14	0.91	0.26	0.03	0.19	19	14	<2	35	1	<5	<10	0.050	3		
661	12328		pan	263	77	<20	<20	14	2.30	1.03	0.73	0.02	0.10	31	15	<2	20	4	7	<10	0.135	<1		
661	12329	flt	sel	111	43	<20	<20	31	2.40	0.95	0.37	0.01	0.12	6	16	<2	23	<1	<5	<10	0.075	<1		
662	12325		pan	161	33	<20	<20	24	1.77	0.71	0.25	0.03	0.18	17	13	<2	30	1	<5	<10	0.032	5		
662	12326	flt	sel	62	35	<20	<20	18	0.55	0.03	0.03	0.01	0.13	3	3	<2	2	<1	<5	<10	<0.010	5		
662	12327		pan	275	63	<20	<20	14	2.05	0.93	0.59	0.03	0.13	29	13	<2	21	3	6	<10	0.120	<1		
663	12311	rub	sel	103	52	<20	<20	1	2.03	1.50	0.78	0.02	<0.01	20	5	<2	36	3	<5	<10	0.162	<1		
664	11310		sed	23	26	<20	<20	41	1.48	0.68	0.16	<0.01	0.05	16	9	3	30	<1	<5	<10	<0.01	<1		
664	11311		pan	326	85	<20	<20	59	3.15	0.91	0.18	0.16	0.54	39	14	4	45	<1	<5	<10	<0.01	10		
664	11312		slu	200	43	91	59	62	0.93	0.31	0.28	0.02	0.10	26	20	<2	16	<1	<5	<10	0.04	7		
664	11313	flt	sel	107	9	<20	<20	17	0.39	0.11	0.07	0.01	0.30	20	9	<2	5	<1	<5	<10	<0.01	11		
664	11904		plac	173	30	<20	<20	43	1.73	0.73	0.19	0.03	0.17	22	10	3	31	<1	<5	<10	<0.010	10		
665	11853		sed	19	26	<20	<20	39	1.55	0.66	0.15	<0.01	0.06	13	11	4	26	1	<5	<10	<0.01	1		
665	11854		pan	207	31	<20	<20	41	1.82	0.77	0.12	0.05	0.26	19	13	2	32	<1	<5	<10	0.01	8		
665	11855		sed	26	33	<20	<20	67	1.83	0.91	0.27	<0.01	0.05	14	29	4	32	2	<5	<10	0.02	1		
665	11856		pan	287	50	<20	<20	41	2.25	1.02	0.51	0.06	0.29	40	22	3	33	2	<5	<10	0.08	6		
665	11857	flt	sel	190	17	<20	<20	7	0.71	0.44	0.28	0.02	0.17	14	7	<2	11	<1	<5	<10	<0.01	8		
666	11830		sed	18	22	<20	<20	27	1.46	0.71	0.32	<0.01	0.06	18	11	3	28	1	<5	<10	0.01	3		
666	11831		pan	189	28	<20	<20	10	1.79	0.79	0.35	0.04	0.23	17	8	<2	28	<1	<5	<10	<0.01	10		
667	11832		pan	177	41	<20	<20	39	2.70	1.12	0.16	0.07	0.30	27	8	4	47	1	<5	<10	<0.01	9		
667	11833	otc	sel	147	34	<20	<20	24	2.43	1.00	0.16	0.05	0.22	21	6	5	41	<1	<5	<10	<0.01	6		
668	11834		pan	205	31	<20	<20	23	1.97	0.85	0.19	0.04	0.26	20	9	2	37	<1	<5	<10	<0.01	11		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
669	11880	67.23187	149.72404	Unnamed Occurrence	otc	grab	greenstone	Chandalar A-6	SW 23	28N	10W	Fairbanks
670	11876	67.23826	149.86216	Slate Ck		pan	no mag, no vis Au	Chandalar A-6	NE 24	28N	11W	Fairbanks
671	11878	67.21177	149.72675	Unnamed Occurrence		soil		Chandalar A-6	NW 34	28N	10W	Fairbanks
671	11879	67.21177	149.72675	Unnamed Occurrence		soil		Chandalar A-6	NW 34	28N	10W	Fairbanks
672	11877	67.22255	149.90352	Slate Ck		pan	1 fine, 5 v fine Au, tr mag	Chandalar A-6	SE 26	28N	11W	Fairbanks
673	12335	67.21810	149.90935	Slate Ck		pan	6 fine Au, tr mag	Chandalar A-6	SW 26	28N	11W	Fairbanks
674	12336	67.21463	149.91766	Slate Ck		pan	1 coarse, 6 fine Au, tr mag	Chandalar A-6	NW 35	28N	11W	Fairbanks
675	11847	67.22821	149.99731	Myrtle Ck	rub	sel	greenstone-greenschist w/ <1% po	Chandalar A-6	NW 28	28N	11W	Fairbanks
675	11848	67.23059	149.99655	Myrtle Ck narrows	flt	sel	vein qz w/ minor gn, 5% py, po(?)	Chandalar A-6	NW 28	28N	11W	Fairbanks
675	11849	67.23059	149.99655	Myrtle Ck narrows		pan	1 v coarse, 2 fine, 1 v fine Au	Chandalar A-6	NW 28	28N	11W	Fairbanks
675	11850	67.23059	149.99655	Myrtle Ck narrows		sed		Chandalar A-6	NW 28	28N	11W	Fairbanks
675	11851	67.23059	149.99655	Myrtle Ck narrows	otc	sel	qz vein w/ <1% py, po	Chandalar A-6	NW 28	28N	11W	Fairbanks
675	11852	67.23059	149.99655	Myrtle Ck narrows	flt	sel	eclogite w/ 1% py, po	Chandalar A-6	NW 28	28N	11W	Fairbanks
676	11858	67.21910	150.04536	Slate Ck		sed		Wiseman A-1	SE 30	28N	11W	Fairbanks
676	11859	67.21910	150.04536	Slate Ck		pan	6 fine, 50 v fine Au	Wiseman A-1	SE 30	28N	11W	Fairbanks
676	11860	67.21910	150.04536	Slate Ck	otc	sel	qz veins w/ <1% py	Wiseman A-1	SE 30	28N	11W	Fairbanks
676	11861	67.21910	150.04536	Slate Ck		plac	50 fine, 100 v fine Au	Wiseman A-1	SE 30	28N	11W	Fairbanks
676	11862	67.22092	150.05167	Slate Ck	otc	sel	greenstone w/ 2-3% po, tr cpy	Wiseman A-1	SE 30	28N	11W	Fairbanks
677	12479	67.20808	150.16258	Rosie Ck trib		sed		Wiseman A-1	S 34	28N	12W	Fairbanks
678	12518	67.22654	150.20598	Coldfoot Quarry	otc	sel	amphibolite w/ 5% py, 1% mag	Wiseman A-1	SE 29	23N	12W	Fairbanks
679	11314	67.19678	150.22581	Rosie Ck		sed		Wiseman A-1	NE 5	27N	12W	Fairbanks
679	11315	67.19678	150.22581	Rosie Ck		pan	1 fine, angular Au	Wiseman A-1	NE 5	27N	12W	Fairbanks
679	11316	67.19678	150.22581	Rosie Ck	flt	sel	meta qtz w/ 2% euhedral py	Wiseman A-1	NE 5	27N	12W	Fairbanks
680	11321	67.23923	150.29455	Porcupine Ck		slu	from 3,000 cubic yards of gravel	Wiseman A-1	SE 13	28N	13W	Fairbanks
680	11902	67.24189	150.29549	Porcupine Ck		slu	py from cons/nitrate	Wiseman A-1	SE 13	28N	13W	Fairbanks
681	11322	67.25117	150.30107	Porcupine Ck	otc	sel	qz-mica schist w/ <10% py	Wiseman A-1	SE 13	28N	13W	Fairbanks
681	11323	67.25170	150.30036	Porcupine Ck		sed		Wiseman A-1	SE 13	28N	13W	Fairbanks
681	11324	67.25170	150.30036	Porcupine Ck		pan	from bedrock	Wiseman A-1	SE 13	28N	13W	Fairbanks
681	11325	67.24962	150.30470	Quartz Ck		sed		Wiseman A-1	SE 13	28N	13W	Fairbanks
681	11326	67.24962	150.30470	Quartz Ck		pan	from gravel bar	Wiseman A-1	SE 13	28N	13W	Fairbanks
682	12496	67.24317	150.43601	Twelvemile Ck		pan	no vis Au, tr mag	Wiseman A-1	NE 20	28N	13W	Fairbanks
683	11512	67.21072	150.39401	Lower Fork		sed		Wiseman A-1	SW 34	28N	13W	Fairbanks
683	11513	67.21072	150.39401	Lower Fork		pan	1 fine, 1 v fine Au, mod py	Wiseman A-1	SW 34	28N	13W	Fairbanks
683	11514	67.20850	150.39694	Lower Fork	flt	sel	qtz w/ 1% py, ch partings, lim	Wiseman A-1	SW 34	28N	13W	Fairbanks
684	11493	67.19034	150.44677	Twelvemile Ck		plac	1 v coarse, 2 coarse, 6 v fine Au	Wiseman A-1	SE 5	27N	13W	Fairbanks
684	11977	67.18994	150.44217	Twelvemile Ck, south fork		sed		Wiseman A-1	SE 5	27N	13W	Fairbanks
684	11978	67.18994	150.44217	Twelvemile Ck, south fork		pan	1 coarse, 1 fine, 6 v fine Au	Wiseman A-1	SE 5	27N	13W	Fairbanks
684	11979	67.18994	150.44217	Twelvemile Ck, south fork	otc	rand	ch schist w/ qz vlets, 1% py	Wiseman A-1	SE 5	27N	13W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
669	11880	otc	grab	<5			<0.2	182	<2	73	1	67	28	<0.2	<5	<5	16	0.018	6.06	778	<10	21
670	11876		pan	11	5	5	<0.2	43	41	172	2	69	24	0.4	<5	14	<5	0.030	7.34	493	<10	76
671	11878		soil	<5			<0.2	33	17	121	<1	41	14	0.4	<5	14	<5	0.183	4.46	656	<10	202
671	11879		soil	<5			<0.2	32	17	125	1	40	14	0.3	<5	13	<5	0.167	4.37	799	<10	184
672	11877		pan	20.82 ppm	11	4	0.4	32	13	119	3	31	18	0.4	<5	11	<5	0.240	4.60	464	<10	88
673	12335		pan	15.59 ppm	<5	4	1.8	46	14	130	2	62	20	0.6	<5	10	<5	0.116	4.47	453	<10	314
674	12336		pan	72.32 ppm	8	5	7.5	53	12	131	2	58	18	0.9	<5	14	<5	0.502	4.51	496	<10	143
675	11847	rub	sel	<5			<0.2	48	28	172	2	11	19	0.3	<5	8	41	0.034	5.93	1070	<10	161
675	11848	flt	sel	<5			<0.2	29	25	37	2	18	5	0.5	<5	<5	27	0.025	1.87	455	<10	7
675	11849		pan	61.73 ppm	<5	5	2.7	66	20	164	3	75	32	0.4	<5	27	<5	0.540	8.12	667	<10	113
675	11850		sed	<5			<0.2	53	16	136	<1	53	21	0.4	<5	12	<5	0.046	5.18	518	<10	37
675	11851	otc	sel	<5			<0.2	24	27	36	1	22	7	0.4	<5	6	37	0.052	1.77	540	<10	19
675	11852	flt	sel	8			0.2	683	2	30	3	41	30	<0.2	<5	12	18	0.037	4.60	698	<10	13
676	11858		sed	<5			<0.2	32	15	103	<1	38	15	0.3	<5	11	<5	0.082	3.77	425	<10	58
676	11859		pan	136.13 ppm	<5	5	2.8	30	14	120	2	54	22	0.5	<5	18	<5	0.420	5.73	516	<10	138
676	11860	otc	sel	<5			<0.2	22	11	17	2	11	4	<0.2	<5	<5	14	0.023	0.89	265	<10	8
676	11861		plac	0.012 oz/cyd	<5	4	<0.2	11	803	127	3	36	21	0.6	<5	21	<5	0.600	6.27	842	<10	103
676	11862	otc	sel	51			<0.2	338	<2	86	1	23	33	<0.2	<5	<5	11	0.034	8.84	1233	15	62
677	12479		sed	<5			<0.2	28	14	101	<1	43	10	0.3	<5	6	<5	0.118	3.62	286	<10	82
678	12518	otc	sel	<5			<0.2	63	6	144	<1	5	39	<0.2	<5	<5	<5	0.023	>10.00	1576	<10	181
679	11314		sed	<5			<0.2	35	12	114	2	40	16	0.3	<5	10	<5	0.132	3.60	675	<10	352
679	11315		pan	2668	7	8	<0.2	38	9	103	4	52	16	0.5	<5	10	<5	0.087	5.38	1558	<10	904
679	11316	flt	sel	30			<0.2	45	12	65	1	28	20	<0.2	<5	12	<5	0.033	4.66	336	<10	40
680	11321		slu		16	5	15.2	168	7896	427	41	170	63	7.1	14	69	13	21.800	>10.00	1292	<10	26
680	11907	flt		603	10	2	2.2	141	406	3049	24	53	60	134	<5	242	<5	11.637	>10.00	275	<10	7
681	11322	otc	sel	33			0.5	97	30	98	27	61	18	1.1	<5	97	<5	0.271	6.60	128	<10	13
681	11323		sed	<5			<0.2	32	13	85	2	49	18	0.4	<5	14	<5	0.049	3.38	508	<10	22
681	11324		pan	26.82 ppm	<5	5	5.2	86	27	152	4	112	36	0.7	<5	18	<5	0.430	7.40	821	<10	186
681	11325		sed	<5			<0.2	56	14	132	2	71	26	0.6	<5	13	<5	0.035	3.70	680	<10	51
681	11326		pan	135	6	5	<0.2	48	11	109	3	62	20	0.4	<5	10	<5	0.028	4.94	845	<10	190
682	12496		pan	370	<5	2	<0.2	44	11	126	3	83	31	0.5	<5	11	<5	0.020	5.83	905	<10	242
683	11512		sed	6			<0.2	37	14	99	<1	44	16	0.4	<5	9	<5	0.072	3.65	609	<10	34
683	11513		pan	22.1 ppm	<5	1	1.8	48	19	125	1	67	25	0.7	<5	31	<5	0.225	7.00	623	<10	43
683	11514	flt	sel	<5			<0.2	44	18	47	<1	23	7	0.4	<5	<5	<5	0.020	2.40	303	<10	6
684	11493		plac	0.007 oz/cyd	<5	3	<0.2	127	51	254	3	83	27	2.0	<5	28	<5	6.480	7.04	1131	<10	30
684	11977		sed	<5			<0.2	14	6	73	<1	25	10	<0.2	<5	6	<5	0.043	2.94	407	<10	58
684	11978		pan	156.69 ppm	<5	<1	10.9	30	16	113	2	54	15	0.3	<5	30	<5	3.341	4.58	575	<10	226
684	11979	otc	rand	<5			<0.2	30	93	142	5	37	36	0.8	<5	99	10	0.123	7.53	2521	<10	54

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
669	11860	otc	grab	63	138	<20	<20	4	3.60	2.23	2.18	0.06	<0.01	12	9	9	29	8	<5	<10	0.24	<1		
670	11876		pan	181	58	<20	<20	27	3.14	1.51	0.26	0.04	0.23	24	10	5	68	2	<5	<10	<0.01	22		
671	11878		soil	28	43	<20	<20	12	2.10	0.61	0.60	<0.01	0.07	26	10	5	31	3	<5	<10	<0.01	3		
671	11879		soil	27	41	<20	<20	12	1.99	0.60	0.54	<0.01	0.06	26	9	5	30	3	<5	<10	<0.01	2		
672	11877		pan	251	32	<20	<20	31	1.64	0.67	0.34	0.04	0.18	23	11	<2	28	1	<5	<10	0.07	10		
673	12335		pan	235	36	<20	<20	26	1.91	0.65	0.26	0.04	0.17	17	9	<2	31	2	<5	<10	0.042	9		
674	12336		pan	208	32	<20	<20	22	1.50	0.57	0.31	0.04	0.18	19	9	<2	31	1	<5	<10	0.046	8		
675	11847	rub	sel	44	66	<20	<20	7	2.03	1.66	1.88	0.05	0.08	78	11	7	17	3	5	<10	0.20	<1		
675	11848	fil	sel	219	12	<20	<20	4	0.65	0.36	1.26	0.11	0.01	66	5	<2	10	<1	<5	<10	<0.01	2		
675	11849		pan	204	42	<20	<20	31	1.56	1.03	0.36	0.06	0.27	39	11	<2	26	1	<5	<10	<0.01	14		
675	11850		sed	20	26	<20	<20	47	1.47	0.76	0.36	<0.01	0.05	24	15	4	29	3	<5	<10	<0.01	4		
675	11851	otc	sel	222	10	<20	<20	5	0.39	0.44	1.71	0.06	0.03	60	5	<2	7	<1	<5	<10	<0.01	3		
675	11852	flt	sel	113	51	<20	<20	<1	1.86	1.44	1.11	0.04	0.01	16	8	<2	19	2	<5	<10	0.25	<1		
676	11858		sed	20	25	<20	<20	27	1.43	0.61	0.29	<0.01	0.05	18	7	4	26	2	<5	<10	<0.01	1		
676	11859		pan	200	34	<20	<20	26	1.78	0.79	0.41	0.04	0.20	25	12	<2	31	1	<5	<10	0.06	11		
676	11860	otc	sel	231	7	<20	<20	2	0.29	0.14	0.90	0.04	0.02	40	3	<2	4	<1	<5	<10	<0.01	3		
676	11861		plac	252	36	<20	<20	39	1.61	0.62	0.87	0.03	0.13	27	17	<2	23	<1	6	<10	0.13	8		
676	11862	otc	sel	33	162	<20	<20	2	2.53	1.95	1.02	0.01	0.04	16	8	4	27	8	5	<10	0.50	<1		
677	12479		sed	32	30	<20	<20	34	2.25	0.88	0.09	<0.01	0.04	12	8	<2	36	1	<5	<10	<0.010	2		
678	12518	otc	sel	21	171	<20	<20	8	3.32	2.15	3.23	0.05	0.34	228	15	6	42	15	9	<10	0.353	<1		
679	11314		sed	34	43	<20	<20	8	1.53	0.62	0.35	<0.01	0.05	18	7	3	26	<1	<5	<10	0.02	<1		
679	11315		pan	462	100	<20	<20	19	2.74	0.85	1.22	0.12	0.40	47	16	5	26	<1	8	<10	0.18	7		
679	11316	flt	sel	100	38	<20	<20	10	1.46	1.06	0.16	0.04	0.12	8	14	2	36	<1	<5	<10	<0.01	3		
680	11321		slu	285	303	<20	418	11	0.35	0.15	0.13	<0.01	0.04	9	7	<2	5	14	<5	<10	0.02	6		
680	11907	slu		168	12	<20	<20	3	0.12	0.03	0.05	<0.01	0.04	11	3	2	<1	<1	<5	<10	0.13	2		
681	11322	otc	sel	131	17	<20	<20	5	1.01	0.64	0.15	0.02	0.22	8	5	<2	16	<1	<5	<10	<0.01	14		
681	11323		sed	15	16	<20	<20	26	0.8	0.40	2.62	<0.01	0.04	88	16	<2	14	<1	<5	<10	<0.01	<1		
681	11324		pan	280	47	<20	<20	36	2.35	1.10	1.70	0.10	0.49	79	19	3	30	<1	<5	<10	0.02	7		
681	11325		sed	30	34	<20	<20	36	1.64	0.88	0.22	<0.01	0.07	15	18	2	30	<1	<5	<10	0.02	<1		
681	11326		pan	353	58	<20	<20	15	2.29	0.97	0.64	0.08	0.37	44	17	3	29	<1	<5	<10	0.08	5		
682	12480		pan	374	75	<20	<20	18	2.86	1.12	0.71	0.10	0.40	42	19	<2	39	4	7	<10	0.147	2		
683	11512		sed	21	23	<20	<20	23	1.14	0.77	0.82	<0.01	0.05	33	10	4	21	<1	<5	<10	<0.01	3		
683	11513		pan	223	47	<20	<20	20	3.39	0.88	0.32	0.10	0.43	31	11	7	36	2	<5	<10	0.03	12		
683	11514	flt	sel	126	29	<20	<20	3	0.88	0.44	0.24	0.12	<0.01	13	4	3	16	2	<5	<10	<0.01	1		
684	11493		plac	279	66	<20	<20	16	3.01	1.04	0.72	0.09	0.49	32	14	5	35	2	7	<10	0.09	10		
684	11977		sed	17	23	<20	<20	15	1.25	0.63	0.32	<0.01	0.04	17	6	<2	21	1	<5	<10	<0.01	<1		
684	11978		pan	256	39	<20	<20	11	2.37	0.75	0.28	0.03	0.24	24	6	7	37	2	<5	<10	0.01	8		
684	11979	otc	rand	194	17	<20	<20	5	1.02	0.82	2.26	0.02	0.09	55	24	<2	36	<1	6	<10	<0.01	3		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
685	11327	67.18972	150.45571	Twelvemile Ck		sed		Wiseman A-1	SE 5	27N	13W	Fairbanks
685	11328	67.18972	150.45571	Twelvemile Ck		pan	6 fine, flat Au	Wiseman A-1	SE 5	27N	13W	Fairbanks
685	12495	67.19031	150.45896	Twelvemile Ck		pan	6 v fine Au, minor mag	Wiseman A-1	SE 5	27N	13W	Fairbanks
686	11510	67.19598	150.59938	Alder Ck		sed		Wiseman A-2	NE 3	27N	14W	Fairbanks
686	11511	67.19598	150.59938	Alder Ck		pan	no mag	Wiseman A-2	NE 3	27N	14W	Fairbanks
687	12497	67.16141	150.45466	Twelvemile Mtn	otc	rand	basaltic greenstone w/chert layers	Wiseman A-1	SE 17	27N	13W	Fairbanks
688	11922	67.13407	149.64444	South Fork Koyukuk R	rub	rand	green hfls & serpentine	Chandalar A-6	SE 25	27N	10W	Fairbanks
688	11923	67.13336	149.64186	South Fork Koyukuk R	rub	rand	serp hfls w/ mag	Chandalar A-6	SE 25	27N	10W	Fairbanks
689	11946	67.11525	149.38660	Siwash Ck	otc	sel	1-in-wide qz vein w/ minor py	Chandalar A-5	S 31	27N	8W	Fairbanks
689	11947	67.11525	149.38660	Siwash Ck	otc	sel	1.5-in-wide qz vein w/ 1% py	Chandalar A-5	S 31	27N	8W	Fairbanks
689	11948	67.11525	149.38660	Siwash Ck	otc	grab	mafic volc rock	Chandalar A-5	S 31	27N	8W	Fairbanks
690	10640	67.11548	150.45312	Tramway Bar	otc	cont	coal sample (see Appendix C)	Wiseman A-1	SE 32	27N	13W	Fairbanks
691	10549	67.10550	150.47314	Tramway Bar	otc	cont	coal sample (see Appendix C)	Wiseman A-1	SW 5	26N	13W	Fairbanks
691	10550	67.10550	150.47314	Tramway Bar	otc	cont	coal sample (see Appendix C)	Wiseman A-1	SW 5	26N	13W	Fairbanks
691	10551	67.10550	150.47314	Tramway Bar		pan	from qz pebble cgl, no vis Au	Wiseman A-1	SW 5	26N	13W	Fairbanks
691	11664	67.10466	150.48306	Mailbox Ck		sed		Wiseman A-1	SE 6	26N	13W	Fairbanks
691	11665	67.10466	150.48306	Mailbox Ck		pan	1 v fine Au	Wiseman A-1	SE 6	26N	13W	Fairbanks
691	11666	67.10664	150.48279	Mailbox Ck		pan	3 fine, 1 v coarse Au	Wiseman A-1	NE 6	26N	13W	Fairbanks
691	11667	67.10664	150.48279	Mailbox Ck	flt	sel	alt mafic intr; diorite w/ 3% py	Wiseman A-1	NE 6	26N	13W	Fairbanks
692	11668	67.09513	150.47357	Chapman Ck		sed		Wiseman A-1	NW 8	26N	13W	Fairbanks
692	11669	67.09513	150.47357	Chapman Ck		pan	6 v fine, 1 fine Au; mod mag	Wiseman A-1	NW 8	26N	13W	Fairbanks
692	11670	67.09513	150.47357	Chapman Ck	otc	cont	4-ft-wide qz-pebble cgl	Wiseman A-1	NW 8	26N	13W	Fairbanks
692	11671	67.09513	150.47357	Chapman Ck	flt	sel	greenstone w/ minor py	Wiseman A-1	NW 8	26N	13W	Fairbanks
693	11660	67.09265	150.49560	Tramway Bar	otc	cont	2.4-ft-wide cgl	Wiseman A-1	C 7	26N	13W	Fairbanks
693	11661	67.09265	150.49560	Tramway Bar	otc	cont	2.0-ft-wide cgl	Wiseman A-1	C 7	26N	13W	Fairbanks
693	11662	67.09265	150.49560	Tramway Bar	otc	cont	3.0-ft-wide qz cgl	Wiseman A-1	C 7	26N	13W	Fairbanks
693	11663	67.09265	150.49560	Tramway Bar	otc	cont	7.5-ft-wide qz pebble cgl	Wiseman A-1	C 7	26N	13W	Fairbanks
694	11587	67.08818	150.49724	Tramway Bar	otc	ran	igneous pebble cgl	Wiseman A-1	SW 7	26N	13W	Fairbanks
694	11588	67.08656	150.50546	Tramway Bar	otc	ran	igneous pebble cgl	Wiseman A-1	SW 7	26N	13W	Fairbanks
694	11589	67.08621	150.49903	Tramway Bar		slu	1 fine Au, Hg beads, abu mag	Wiseman A-1	SW 7	26N	13W	Fairbanks
695	12054	67.07382	150.56633	Middle Fork Koyukuk R		pan	4 fine, 3 v fine Au	Wiseman A-2	SE 14	26N	14W	Fairbanks
695	12055	67.07382	150.56633	Middle Fork Koyukuk R		pan	3 fine, 50 v fine Au	Wiseman A-2	SE 14	26N	14W	Fairbanks
696	11591	67.11364	150.90088	Florence Bar		pan	1 v fine Au, minor mag	Wiseman A-2	NE 5	26N	15W	Fairbanks
696	11639	67.11731	150.89699	North Fork Koykuk R		pan		Wiseman A-2	SE 32	27N	15W	Fairbanks
697	12014	67.02027	151.13417	Pope Ck		pan	fr mag, no vis Au	Wiseman A-3	NW 5	26N	16W	Fairbanks
697	12016	67.01617	151.13622	Pope Ck		pan	no mag, no vis Au	Wiseman A-3	SW 5	25N	16W	Fairbanks
698	12056	67.00498	151.49809	Wild R, lower		pan	1 coarse, 50 fine, 50 v fine Au	Wiseman A-3	SW 10	25N	18W	Fairbanks
698	12057	67.00593	151.49643	Wild R, lower		plac	1 coarse, 10 fine, 75 v fine Au	Wiseman A-3	SW 10	25N	18W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
685	11327		sed	<5			<0.2	14	9	74	<1	26	10	<0.2	<5	6	<5	0.028	2.59	390	<10	60
685	11328		pan	170.61 ppm	5	6	11.0	33	9	110	2	59	18	0.3	<5	8	<5	1.416	5.43	740	<10	158
685	12495		pan	8659	<5	<1	2.1	34	13	114	3	60	21	0.4	<5	11	<5	0.125	5.30	855	<10	182
686	11510		sed	<5			<0.2	34	10	101	<1	47	15	0.7	<5	9	<5	0.057	3.37	655	<10	110
686	11511		pan	<5	<5	2	<0.2	44	12	119	2	61	23	0.8	<5	10	<5	0.026	5.39	1020	<10	226
687	12497	otc	rand	<5			<0.2	225	<2	104	<1	56	49	<0.2	<5	<5	<5	<0.010	9.22	1257	<10	565
688	11922	rub	rand	<5			<0.2	16	10	19	<1	858	51	<0.2	<5	8	14	<0.010	4.12	605	<10	5
688	11923	rub	rand	<5			<0.2	17	7	17	<1	1095	50	<0.2	<5	17	13	0.013	4.24	272	<10	6
689	11946	otc	sel	8			0.4	13	<2	7	1	6	3	<0.2	<5	<5	6	0.113	0.83	300	<10	35
689	11947	otc	sel	<5			0.5	42	3	20	1	13	8	<0.2	<5	6	<5	0.127	1.67	889	<10	645
689	11648	otc	grab	<5			<0.2	99	<2	61	2	36	19	<0.2	<5	<5	<5	0.229	7.56	1052	<10	38
690	10640	coal sample (see Appendix C)																				
691	10549	coal sample (see Appendix C)																				
691	10550	coal sample (see Appendix C)																				
691	10551		pan	2494			<0.2	23	9	115	2	43	11	0.5	<5	9	<5	0.043	4.73	379	<10	126
691	11664		sed	<5			<0.2	16	5	67	<1	24	10	0.3	<5	5	<5	0.037	2.84	516	<10	56
691	11665		pan	23	<5	6	<0.2	20	11	66	3	35	12	0.5	<5	14	<5	0.157	2.85	590	<10	85
691	11666		pan	>10000	<5	9	10.8	17	6	46	2	21	6	<0.2	<5	<5	<5	1.652	2.13	294	<10	68
691	11667	fil	sel	<5			<0.2	36	<2	3	<1	1	3	<0.2	<5	<5	<5	0.027	0.44	25	<10	2
692	11668		sed	<5			<0.2	17	8	66	<1	25	13	0.2	<5	10	<5	0.054	2.99	991	<10	165
692	11669		pan	11.83 ppm	<5	12	3.0	27	7	63	4	39	14	0.3	<5	6	<5	0.144	4.05	867	<10	167
692	11670	otc	cont	<5			<0.2	49	9	60	2	43	15	<0.2	<5	<5	<5	0.030	4.42	590	<10	310
692	11671	fil	sel	<5			0.3	119	18	46	<1	28	23	<0.2	<5	<5	<5	<0.010	5.12	519	<10	75
693	11660	otc	cont	<5			<0.2	4	<2	7	<1	4	1	<0.2	<5	<5	<5	0.036	0.37	21	<10	7
693	11661	otc	cont	<5			<0.2	4	<2	7	<1	4	1	<0.2	<5	<5	<5	0.050	0.31	79	<10	8
693	11662	otc	cont	<5			<0.2	4	<2	5	<1	3	1	<0.2	<5	<5	<5	0.159	0.30	39	<10	12
693	11663	otc	cont	<5			<0.2	3	<2	5	<1	3	1	<0.2	<5	<5	<5	0.144	0.29	36	<10	9
694	11587	otc	ran	<5			<0.2	87	2	94	1	102	33	0.3	<5	5	<5	0.087	6.54	1125	<10	511
694	11588	otc	ran	<5			<0.2	99	6	94	<1	47	21	0.2	<5	<5	<5	0.030	3.03	600	<10	81
694	11589		slu		1241	11	7.8	126	1554	59	2	62	19	1.2	100	10	<5	>50.000	>10.00	1226	<10	332
695	12054		pan	15.52 ppm	<5	61	3.1	25	15	58	3	35	11	0.3	<5	6	<5	0.097	3.32	808	<10	111
695	12055		pan	78.23 ppm	<5	<1	5.9	21	7	47	3	28	10	0.5	<5	<5	<5	1.177	2.82	976	<10	70
696	11591		pan	12	6	9	<0.2	21	8	65	3	30	12	0.4	<5	7	<5	0.030	4.02	1144	<10	89
696	11639		pan	894	6	9	<0.2	21	8	71	4	34	11	0.5	<5	6	<5	0.039	3.42	762	<10	88
697	12014		pan	7	<5	3	<0.2	29	11	110	2	57	21	0.4	<5	18	<5	0.119	6.47	804	<10	93
697	12016		pan	6	<5	3	<0.2	46	15	116	2	60	20	0.2	<5	20	<5	0.122	5.41	423	<10	105
698	12056		pan	492 ppm	<5	<1	28.6	28	7	63	2	34	19	1.4	<5	14	<5	1.987	7.22	1513	<10	94
698	12057		plac	0.016 oz/cyd	<5	3	<0.2	21	9	74	2	32	17	0.5	<5	10	<5	0.084	5.72	1140	<10	80

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
685	11327		sed	17	22	<20	<20	19	1.21	0.59	0.22	<0.01	0.04	15	6	<2	22	<1	<5	<10	<0.01	<1		
685	11328		pan	278	57	<20	<20	16	2.89	1.35	0.38	0.08	0.38	30	9	4	48	<1	<5	<10	0.04	7		
685	12495		pan	348	63	<20	<20	17	2.38	0.91	0.47	0.08	0.35	32	13	<2	41	3	6	<10	0.087	6		
686	11510		sed	29	32	<20	<20	19	1.38	0.81	0.34	<0.01	0.04	18	9	4	22	2	<5	<10	0.01	<1		
686	11511		pan	225	66	<20	<20	16	3.92	>10.00	0.39	0.10	0.42	36	14	5	34	4	6	<10	0.11	6		
687	12497	otc	rand	43	254	<20	<20	5	5.59	1.97	5.21	0.04	0.02	47	22	<2	12	22	10	<10	0.709	25		
688	11922	rub	rand	1112	14	<20	<20	<1	0.27	>10.00	0.34	<0.01	<0.01	3	<1	<2	<1	<1	<5	<10	<0.01	<1		
688	11923	rub	rand	1044	18	<20	<20	<1	0.36	9.60	0.21	<0.01	<0.01	1	<1	<2	<1	<1	<5	<10	<0.01	<1		
689	11946	otc	sel	127	16	<20	<20	2	0.39	0.21	>10.00	<0.01	0.14	303	4	<2	8	<1	<5	<10	<0.01	<1		
689	11947	otc	sel	85	24	<20	<20	2	0.74	0.52	>10.00	<0.01	0.07	357	4	<2	4	1	<5	<10	<0.01	<1		
689	11948	otc	grab	87	153	<20	<20	5	3.23	2.92	3.19	0.04	0.05	147	10	6	18	8	13	<10	0.39	7		
690	10640	coal sample (see Appendix C)																						
691	10549	coal sample (see Appendix C)																						
691	10550	coal sample (see Appendix C)																						
691	10551		pan	230	53	<20	<20	14	2.08	0.57	0.12	0.05	0.34	16	5	3	23	1	<5	<10	<0.01	7		
691	11664		sed	17	20	<20	<20	12	1.08	0.59	0.66	<0.01	0.03	27	6	<2	18	<1	<5	<10	<0.01	2		
691	11665		pan	300	29	<20	<20	16	1.16	0.34	0.21	0.03	0.14	21	6	3	14	2	<5	<10	0.03	6		
691	11666		pan	320	23	<20	<20	15	0.97	0.27	0.14	0.03	0.15	13	5	3	11	1	<5	<10	0.02	6		
691	11667	fil	sel	3	5	<20	<20	<1	0.11	0.09	0.07	<0.01	<0.01	1	<1	<2	1	<1	<5	<10	0.02	<1		
692	11668		sed	22	39	<20	<20	9	1.19	0.56	0.68	0.01	0.04	34	7	<2	14	3	<5	<10	0.04	1		
692	11669		pan	259	76	<20	<20	10	1.79	0.76	0.88	0.05	0.15	52	9	3	15	5	6	<10	0.11	9		
692	11670	otc	cont	183	105	<20	<20	4	1.95	0.93	5.12	0.05	0.07	119	8	<2	14	8	12	<10	0.10	12		
692	11671	fil	sel	99	166	<20	<20	3	4.56	0.81	7.55	0.02	<0.01	51	15	10	2	12	6	<10	0.25	10		
693	11660	otc	cont	12	8	<20	<20	<1	0.18	0.08	0.07	0.01	<0.01	5	<1	<2	2	<1	<5	<10	<0.01	<1		
693	11661	otc	cont	12	6	<20	<20	<1	0.14	0.06	0.29	<0.01	<0.01	10	<1	<2	2	<1	<5	<10	<0.01	<1		
693	11662	otc	cont	10	7	<20	<20	<1	0.11	0.05	0.29	<0.01	<0.01	7	<1	<2	1	<1	<5	<10	<0.01	<1		
693	11663	otc	cont	11	6	<20	<20	<1	0.10	0.04	0.25	<0.01	<0.01	7	<1	<2	1	<1	<5	<10	<0.01	<1		
694	11587	otc	ran	138	178	<20	<20	10	3.07	2.10	2.24	0.10	0.12	220	15	<2	21	13	17	<10	0.43	27		
694	11588	otc	ran	109	101	<20	<20	11	2.16	1.29	1.31	0.04	0.09	34	8	<2	27	7	9	<10	0.24	18		
694	11589		slu	413	806	<20	222	41	0.46	0.16	0.40	<0.01	0.02	16	12	<2	3	52	<5	<10	0.07	4		
695	12054		pan	454	54	<20	<20	6	1.80	0.77	3.03	0.04	0.14	66	9	<2	13	3	<5	<10	0.060	4		
695	12055		pan	285	56	<20	<20	9	1.21	0.69	2.48	0.04	0.12	95	10	<2	14	4	<5	<10	0.105	5		
696	11591		pan	272	53	<20	<20	10	1.85	0.69	1.90	0.05	0.17	36	18	<2	13	3	8	<10	0.14	4		
696	11639		pan	219	45	<20	<20	11	1.58	0.68	0.82	0.04	0.16	32	11	2	17	3	5	<10	0.09	4		
697	12014		pan	240	73	<20	<20	5	1.87	1.03	0.89	0.05	0.09	34	8	<2	12	6	6	<10	0.124	5		
697	12016		pan	135	55	<20	<20	6	2.80	0.92	0.52	0.03	0.24	32	11	8	36	3	6	<10	<0.010	4		
698	12056		pan	140	101	<20	<20	27	2.13	0.91	1.70	0.07	0.16	61	23	<2	17	7	11	<10	0.182	<1		
698	12057		plac	130	80	<20	<20	25	1.64	0.85	1.20	0.04	0.13	32	19	8	19	3	9	<10	0.143	8		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
699	11521	66.92732	151.57063	Bettles Bar		pan	1 v fine, 1 fine Au; tr mag	Bettles D-4	NW 12	24N	19W	Fairbanks
699	11522	66.92732	151.57063	Bettles Bar		pan	100 v fine, 12 fine Au; abu mag	Bettles D-4	NW 12	24N	19W	Fairbanks
699	12000	66.92732	151.57063	Bettles Bar		plac	hydraulic concentrator	Bettles D-4	NE 12	24N	19W	Fairbanks
700	11523	66.92058	151.61983	Bettles Riffle		pan	6 v fine	Bettles D-4	SW 11	24N	19W	Fairbanks
701	12001	66.91162	151.66408	Bettles Riffle		plac	hydraulic concentrator	Bettles D-4	NW 15	24N	19W	Fairbanks
702	11571	66.83301	151.10984	South Fork Koyukuk R		sed		Bettles D-3	SW 7	23N	16W	Fairbanks
702	11572	66.83301	151.10984	South Fork Koyukuk R		pan	3 v fine, 1 fine Au; mag; tr gar	Bettles D-3	SW 7	23N	16W	Fairbanks
703	11547	66.95478	150.91656	Pope		sed		Bettles D-2	NW 32	25N	15W	Fairbanks
703	11548	66.95478	150.91656	Pope		pan	1 coarse Au	Bettles D-2	NW 32	25N	15W	Fairbanks
704	12002	66.95269	150.58234	South Fork Koyukuk R	flt	sel	ch sch w/ lim, qz lenses	Bettles D-2	NW 35	25N	14W	Fairbanks
704	12020	66.95496	150.58571	South Fork Koyukuk R	rub	grab	meta qz w/ ch partings, lim	Bettles D-2	NW 35	25N	14W	Fairbanks
705	12003	66.96553	150.55029	South Fork Koyukuk R	otc	rand	meta mafic igneous rock	Bettles D-2	NW 25	25N	14W	Fairbanks
706	8007	66.98112	150.63112	Gold Bench Mine		slu		Bettles D-2	NE 21	25N	14W	Fairbanks
706	11583	66.98203	150.63300	Gold Bench Mine		slu	3 fine, 11 v fine Au	Bettles D-2	NE 21	25N	14W	Fairbanks
706	11584	66.98350	150.63678	Gold Bench Mine		pan		Bettles D-2	NE 21	25N	14W	Fairbanks
706	12151	66.98365	150.63641	Ironsides Mine bluff		plac	29 fine, 62 v fine Au; mag, gar, Zr	Bettles D-2	NE 21	25N	14W	Fairbanks
706	12152	66.98274	150.63506	Ironsides Mine bluff	flt	sel	alt altered dolomite w/ qz feld augens	Bettles D-2	NE 21	25N	14W	Fairbanks
707	11566	66.98748	150.60746	Ironsides Mine		pan	1 coarse Au, mod mag	Bettles D-2	SW 15	25N	14W	Fairbanks
707	12004	66.98578	150.60818	Ironsides Mine		pan	1 coarse, 2 fine, 2 v fine Au	Bettles D-2	SE 15	25N	14W	Fairbanks
707	12021	66.98578	150.60818	Ironsides Mine		plac	1 coarse, 32 fine, 70+ v fine Au	Bettles D-2	SE 15	25N	14W	Fairbanks
707	12022	66.98578	150.60818	Ironsides Mine	flt	sel	porphyritic greenstone w/ feld	Bettles D-2	SE 15	25N	14W	Fairbanks
708	11585	66.99047	150.54214	Rock Ck		sed		Bettles D-2	SW 13	25N	14W	Fairbanks
708	11586	66.99047	150.54214	Rock Ck		pan	mod mag	Bettles D-2	SW 13	25N	14W	Fairbanks
709	11570	67.01896	150.55858	Smally Ck		sed		Wiseman A-2	SE 2	25N	14W	Fairbanks
710	11567	67.02986	150.51139	Canary Ck claims		sed		Wiseman A-2	SW 31	26N	13W	Fairbanks
710	11568	67.02986	150.51139	Canary Ck claims		pan		Wiseman A-2	SW 31	26N	13W	Fairbanks
710	11569	67.02986	150.51139	Canary Ck claims	flt	sel	pebble cgl	Wiseman A-2	SW 31	26N	13W	Fairbanks
711	11949	66.99460	150.46954	Davis Ck	otc	sel	3-in-wide qz vein w/ 2% py, po	Bettles D-1	NW 17	25N	13W	Fairbanks
711	11950	66.99342	150.46483	Davis Ck		sed		Bettles D-1	SE 17	25N	13W	Fairbanks
711	11951	66.99342	150.46483	Davis Ck		pan	6 coarse, 6 fine Au; no mag	Bettles D-1	SE 17	25N	13W	Fairbanks
711	11993	66.99475	150.47157	Davis Ck	otc	sel	sheared qz vein w/ 2% po, cpy	Bettles D-1	NW 17	25N	13W	Fairbanks
711	11994	66.99475	150.47157	Davis Ck	out	sel	qz vein w/ 1% po	Bettles D-1	NW 17	25N	13W	Fairbanks
711	11995	66.99475	150.47157	Davis Ck		pan	1 coarse, 3 fine, 3 v fine Au	Bettles D-1	NW 17	25N	13W	Fairbanks
711	11996	66.99460	150.46938	Davis Ck		pan		Bettles D-1	NW 17	25N	13W	Fairbanks
711	11997	66.99460	150.46938	Davis Ck		slu	minor mag, minor sch	Bettles D-1	NW 17	25N	13W	Fairbanks
711	11998	66.99460	150.46938	Davis Ck		plac	4 v coarse, 6 coarse, 24 fine Au	Bettles D-1	NW 17	25N	13W	Fairbanks
711	11999	66.99415	150.46917	Davis Ck		plac	9 coarse, 16 fine, 60+ v fine Au	Bettles D-1	NW 17	25N	13W	Fairbanks
711	12007	66.99585	150.47435	South Fork Koyukuk R		pan	5 fine Au, from tailings	Bettles D-1	NW 17	25N	13W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
699	11521		pan	2012	<5	10	<0.2	21	8	45	3	25	11	0.4	<5	<5	<5	0.039	3.03	840	<10	69
699	11522		pan	62.81 ppm	<5	10	2.6	21	14	52	<1	26	15	0.7	<5	6	<5	0.340	>10.00	2479	<10	46
699	12000		plac	41.63 ppm	252	5	3.6	17	21	61	<1	36	23	<0.2	<5	6	<5		>10.00	1574	<10	38
700	11523		pan	4086	<5	9	<0.2	23	12	58	4	31	12	0.4	<5	6	<5	0.040	5.54	1277	<10	69
701	12001		plac	33.81 ppm	42	2	0.8	19	13	55	1	30	18	<0.2	<5	<5	<5		>10.00	1480	<10	37
702	11571		sed	<5			<0.2	24	9	71	1	28	13	0.4	<5	7	<5	0.082	3.06	505	<10	89
702	11572		pan	6	<5	9	<0.2	25	17	75	3	40	18	0.5	<5	12	<5	0.110	4.81	626	<10	106
703	11547		sed	<5			<0.2	47	18	173	2	53	27	0.5	<5	10	<5	0.156	4.74	762	<10	173
703	11548		pan	8.79 ppm	<5	11	<0.2	70	10	142	1	96	48	0.6	<5	12	<5	0.027	7.08	1670	<10	299
704	12002	flt	sel	<5			<0.2	31	5	55	1	22	6	0.3	<5	7	<5	<0.010	1.84	217	<10	49
704	12020	rub	grab	9			<0.2	9	5	18	1	7	1	<0.2	<5	<5	<5	<0.010	0.85	73	<10	19
705	12003	otc	rand	16			<0.2	289	<2	100	<1	41	29	0.4	<5	5	<5	0.011	6.58	631	<10	247
706	8007		slu	1	<5	<1	25			<200	<3	61	15	<10		3	4.3		4.8		<20	690
706	11583		slu		<5	4	<0.2	34	12	79	2	43	16	0.5	<5	17	<5	23.800	6.24	1089	<10	387
706	11584		pan	9832	<5	11	1.2	39	7	84	1	27	16	0.6	<5	<5	<5	0.051	5.61	1062	<10	91
706	12151		plac	0.005 oz/cyd	<5	3	<0.2	28	11	62	<1	30	20	0.7	<5	<5	<5	0.061	8.64	1103	<10	114
706	12152	flt	sel	6			<0.2	66	12	127	2	48	7	0.9	<5	9	<5	0.027	>10.00	237	<10	135
707	11566		pan	6708	7	29	<0.2	36	10	56	2	29	16	0.6	<5	9	<5	0.051	6.15	992	<10	183
707	12004		pan	711.15 ppm	<5	3	16.6	11	<2	14	<1	11	5	0.6	<5	<5	<5	3.052	1.41	238	<10	209
707	12021		plac	0.107 oz/cyd	5	4	<0.2	41	7	67	2	37	19	0.6	<5	8	<5	0.109	5.44	849	<10	1025
707	12022	flt	sel	<5			0.3	49	<2	52	<1	55	25	<0.2	<5	26	<5	<0.010	4.61	728	<10	29
708	11585		sed	167			<0.2	23	9	83	1	31	17	0.3	<5	8	<5	0.069	3.57	1030	<10	109
708	11586		pan	301	<5	11	<0.2	37	6	71	2	36	22	0.3	<5	7	<5	0.033	5.65	1296	<10	144
709	11570		sed	<5			<0.2	19	10	79	<1	38	13	0.3	<5	6	<5	0.069	3.54	233	<10	78
710	11567		sed	<5			<0.2	18	12	80	<1	38	12	0.3	<5	<5	<5	0.060	3.59	309	<10	90
710	11568		pan	1309	<5	11	1.9	37	5	54	3	31	17	0.5	<5	5	<5	0.119	5.39	893	<10	100
710	11569	flt	sel	<5			<0.2	51	8	107	2	71	28	0.8	<5	9	<5	0.057	5.64	591	<10	119
711	11949	otc	sel	150			<0.2	46	6	35	1	32	11	1.5	<5	<5	<5	0.022	2.42	447	<10	114
711	11950		sed	<5			<0.2	23	5	67	<1	28	15	<0.2	<5	10	<5	0.031	3.20	574	<10	90
711	11951		pan	**220.04 ppm**	8	2	12.3	38	10	74	3	49	19	0.6	351	14	<5	1.729	6.43	1241	<10	150
711	11993	out	sel	38			0.5	448	5	132	2	83	38	0.2	<5	45	<5	0.253	>10.00	1692	<10	108
711	11994	out	sel	7			0.2	194	3	21	2	12	6	<0.2	<5	<5	<5	0.093	2.70	156	<10	49
711	11995		pan	265.36 ppm	6	8	10.8	78	3	84	1	53	11	0.6	<5	<5	<5	1.334	3.22	351	<10	70
711	11996		pan	126.66 ppm	6	4	8.3	31	5	61	1	48	13	0.5	<5	7	<5	1.071	3.98	497	<10	190
711	11997		slu	2	8	4	1.8	51	198	178	1	60	27	0.9	<5	46	8	0.265	7.95	1038	<10	73
711	11998		plac	0.097 oz/cyd	<5	4	1.2	70	23	135	<1	90	33	0.7	52	31	7	0.129	7.16	667	<10	85
711	11999		plac	0.134 oz/cyd	<5	4	<0.2	28	6	67	<1	38	22	0.9	1591	10	5	0.189	8.68	1073	<10	132
711	12007		pan	**19.48 ppm**	<5	3	1.6	48	9	79	2	51	19	0.4	<5	9	<5	0.328	4.75	778	<10	105

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
699	11521		pan	260	59	<20	<20	11	1.51	0.57	1.40	0.04	0.10	42	13	<2	11	4	6	<10	0.12	3		
699	11522		pan	244	285	<20	<20	19	1.94	0.44	1.52	0.04	0.07	41	35	3	9	22	17	<10	0.19	1		
699	12000		plac	281	670	<20	<20	39	1.01	0.34	0.91	0.02	0.05	36	21	<2	6	62	<5	<10	0.25	<1		
700	11523		pan	254	85	<20	<20	18	1.65	0.64	1.93	0.04	0.12	56	19	<2	14	6	8	<10	0.13	5		
701	12001		plac	274	403	<20	<20	75	1.17	0.41	1.22	0.02	0.06	41	24	<2	10	37	6	<10	0.21	2		
702	11571		sed	22	37	<20	<20	16	1.34	0.73	0.63	<0.01	0.06	25	8	<2	20	2	<5	<10	0.05	<1		
702	11572		pan	368	88	<20	<20	12	2.09	0.70	0.60	0.05	0.16	30	7	3	36	6	6	<10	0.12	10		
703	11547		sed	49	64	<20	<20	21	3.31	0.75	0.82	0.01	0.08	59	24	4	48	4	8	<10	0.03	<1		
703	11548		pan	146	134	<20	<20	18	3.70	2.03	1.03	0.04	0.34	44	11	2	54	10	11	<10	0.28	11		
704	12002	flt	sel	228	31	<20	<20	7	1.17	0.55	0.07	0.03	0.09	9	3	<2	17	2	<5	<10	0.028	<1		
704	12020	rub	grab	277	10	<20	<20	3	0.35	0.16	0.03	0.01	0.04	2	<1	<2	5	<1	<5	<10	<0.010	1		
705	12003	otc	rand	74	252	<20	<20	7	2.92	2.09	1.78	0.18	0.04	25	25	3	33	15	18	<10	0.062	<1		
706	8007		slu	180		<200	4	30				1.50							16.0	1		<300	1.6	8.5
706	11583		slu	222	119	<20	<20	52	2.03	0.80	0.97	0.03	0.13	29	20	4	23	7	9	<10	0.17	8		
706	11584		pan	204	110	<20	<20	40	2.06	0.85	1.48	0.07	0.13	38	18	<2	34	8	8	<10	0.22	10		
706	12151		plac	125	199	<20	<20	62	1.80	0.75	1.26	0.05	0.11	12	22	16	14	5	8	<10	0.235	17		
706	12152	flt	sel	208	37	<20	<20	19	1.44	0.60	0.15	0.05	0.29	26	11	3	21	<1	<5	<10	0.038	6		
707	11566		pan	275	122	<20	<20	33	2.06	0.80	2.41	0.07	0.13	63	18	<2	13	9	8	<10	0.23	11		
707	12004		pan	97	103	<20	<20	23	0.57	0.98	0.47	0.08	0.09	48	13	<2	34	8	6	<10	0.264	13		
707	12021		plac	133	115	<20	<20	21	1.94	0.88	1.77	0.04	0.11	44	15	9	16	4	7	<10	0.217	17	<2	5
707	12022	flt	sel	189	78	<20	<20	2	3.33	3.37	3.96	0.03	<0.01	201	4	<2	28	3	<5	<10	0.134	<1		
708	11585		sed	26	51	<20	<20	13	1.71	0.61	0.63	0.01	0.06	27	9	2	23	3	<5	<10	0.07	<1		
708	11586		pan	225	136	<20	<20	18	2.45	1.02	1.62	0.07	0.13	47	13	<2	20	10	9	<10	0.28	14		
709	11570		sed	34	51	<20	<20	9	1.82	0.68	0.31	<0.01	0.04	15	5	3	28	3	<5	<10	0.03	1		
710	11567		sed	36	38	<20	<20	8	2.00	0.66	0.32	<0.01	0.04	15	5	3	30	4	<5	<10	0.04	<1		
710	11568		pan	207	121	<20	<20	35	2.08	0.81	1.68	0.06	0.10	41	17	<2	13	9	8	<10	0.25	11		
710	11569	flt	sel	166	128	<20	<20	16	2.54	1.53	0.89	0.02	0.08	22	12	<2	38	9	12	<10	0.27	20		
711	11949	otc	sel	179	39	<20	<20	9	0.96	0.64	1.28	0.04	0.22	27	3	2	15	2	<5	<10	0.02	<1		
711	11950		sed	31	57	<20	<20	12	1.47	0.74	0.49	0.01	0.04	26	7	<2	35	4	<5	<10	0.06	<1		
711	11951		pan	265	139	<20	553	12	2.11	1.06	1.10	0.08	0.17	62	10	2	16	12	8	<10	0.13	3		
711	11993	out	sel	47	154	<20	<20	10	1.52	2.56	3.65	<0.01	0.16	41	16	<2	39	8	10	<10	<0.010	<1		
711	11994	out	sel	300	32	<20	<20	2	0.29	0.10	0.26	<0.01	0.05	13	3	<2	6	2	<5	<10	<0.010	<1		
711	11995		pan	159	101	<20	30	18	1.11	1.35	0.41	0.07	0.13	24	15	3	28	6	6	<10	0.163	23		
711	11996		pan	209	77	<20	222	18	1.63	1.25	0.45	0.04	0.20	37	8	4	24	6	<5	<10	0.071	4		
711	11997		slu	134	137	<20	25	10	1.74	0.90	1.30	0.04	0.11	36	12	12	17	4	6	<10	0.173	17		
711	11998		plac	108	72	<20	573	18	1.80	1.20	0.70	0.03	0.20	32	8	10	28	5	<5	12	0.028	6		
711	11999		plac	193	224	<20	1468	47	1.83	0.85	1.10	0.06	0.14	35	17	13	13	6	7	19	0.183	13		
711	12007		pan	263	92	<20	65	11	1.90	1.09	0.75	0.04	0.12	36	9	<2	20	7	<5	<10	0.139	5		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
712	12006	67.00457	150.46105	Hanshaw Bar		pan	5 v fine Au, mod mag	Wiseman A-1	SW 8	25N	13W	Fairbanks
713	11612	67.00944	150.42992	Bear Ck confl		pan	1 very fine Au, abu fine mag	Wiseman A-1	NW 9	25N	13W	Fairbanks
714	11975	67.00835	150.40255	Grubstake Bar		pan	2 fine Au; mod mag	Wiseman A-1	SE 9	25N	13W	Fairbanks
714	11976	67.00835	150.40255	Grubstake Bar		pan	1 coarse, 6 v fine Au, mod mag	Wiseman A-1	SE 9	25N	13W	Fairbanks
715	11610	67.00397	150.43046	Bear Ck		sed		Wiseman A-1	SW 9	25N	13W	Fairbanks
715	11611	67.00397	150.43046	Bear Ck		pan	1 coarse, 5 fine Au; minor mag	Wiseman A-1	SW 9	25N	13W	Fairbanks
715	11613	67.00397	150.43046	Bear Ck		pbc	4 coarse, abu v fine Au; sch	Wiseman A-1	SW 9	25N	13W	Fairbanks
715	11973	67.00382	150.43027	Bear Ck		pan	1 coarse, 3 fine, 5 v fine Au	Wiseman A-1	SW 9	25N	13W	Fairbanks
716	11970	66.99662	150.42453	Bear Ck		sed		Bettles D-1	NW 16	25N	13W	Fairbanks
716	11971	66.99662	150.42453	Bear Ck		pan	2 fine, 6 v fine, no mag	Bettles D-1	NW 16	25N	13W	Fairbanks
716	11972	66.99662	150.42453	Bear Ck	flt	sel	silic meta volc w/ 1% py	Bettles D-1	NW 16	25N	13W	Fairbanks
717	11969	66.98973	150.41654	Bear Ck	rub	rand	serp peridotite w/ 5% fine mag	Bettles D-1	SE 16	25N	13W	Fairbanks
718	11974	66.99421	150.38075	Bear Ck	bld	grab	serp peridotite w/ 5% fine mag	Bettles D-1	NE 18	25N	13W	Fairbanks
719	12005	67.01728	150.33408	South Fork Koyukuk R		pan	2 fine, 3 v fine Au; abu mag	Wiseman A-1	SE 2	25N	13W	Fairbanks
720	11594	67.04040	150.23642	South Fork Koyukuk R	out	rub	volc pebble cgl	Wiseman A-1	NE 32	26N	12W	Fairbanks
721	11592	67.04076	150.22763	South Fork Koyukuk R		pan	mod v fine mag	Wiseman A-1	NE 32	26N	12W	Fairbanks
721	11593	67.04076	150.22763	South Fork Koyukuk R		pan	mod mag, no vis Au	Wiseman A-1	NE 32	26N	12W	Fairbanks
721	11595	67.04217	150.22112	South Fork Koyukuk R		pan	1 v fine Au, mod fine mag	Wiseman A-1	NE 32	26N	12W	Fairbanks
722	11596	67.05737	150.22041	South Fork Koyukuk R		pan	1 v fine Au, abu fine mag	Wiseman A-1	NW 29	26N	12W	Fairbanks
723	11597	67.06561	150.17659	Wilson Ck		pan	minor fine mag, no vis Au	Wiseman A-1	NE 22	26N	12W	Fairbanks
723	11598	67.0656	150.17659	Wilson Ck	out	rub	alluvial cgl	Wiseman A-1	NE 22	26N	12W	Fairbanks
724	11599	67.06480	150.05978	South Fork Koyukuk R		pan	no mag, no vis Au	Wiseman A-1	SW 19	26N	11W	Fairbanks
724	11600	67.06244	150.05840	South Fork Koyukuk R		pan	2 v fine Au, abu fine mag	Wiseman A-1	SW 19	26N	11W	Fairbanks
724	11601	67.06244	150.05840	South Fork Koyukuk R	flt	sel	ultramafic rock, greenstone(?)	Wiseman A-1	SW 19	26N	11W	Fairbanks
725	11602	67.04822	150.05586	Eagle Cliff		pan	2 v fine Au, mod fine mag	Wiseman A-1	SE 30	26N	11W	Fairbanks
726	11603	67.04640	150.04168	Eagle Cliff		pan	4 v fine Au, abu fine mag	Wiseman A-1	SE 30	26N	11W	Fairbanks
726	11604	67.04640	150.04168	Eagle Cliff		pan	6 v fine, 3 fine Au; mod mag	Wiseman A-1	SE 30	26N	11W	Fairbanks
727	11919	67.05829	149.88369	Mosquito Fork trib		pan	tr mag, no vis Au	Chandalar A-6	SW 24	26N	11W	Fairbanks
727	11920	67.05829	149.88369	Mosquito Fork trib		sed		Chandalar A-6	SW 24	26N	11W	Fairbanks
727	11921	67.05931	149.88477	Mosquito Fork trib	flt	sel	vein qz w/ ch partings, <1% po	Chandalar A-6	SW 24	26N	11W	Fairbanks
728	12544	67.01593	149.97106	Granite Ck		sed		Chandalar A-6	SE 4	25N	11W	Fairbanks
728	12545	67.01593	149.97106	Granite Ck		pan	abu blk sand	Chandalar A-6	SE 4	25N	11W	Fairbanks
728	12546	67.01570	149.97157	Granite Ck	flt	sel	bfk w/ tr cpy(?)	Chandalar A-6	SE 4	25N	11W	Fairbanks
729	11908	67.02161	150.09057	Hidden Ck	flt	sel	greenstone w/ amph, tr cpy	Wiseman A-1	NE 1	25N	12W	Fairbanks
729	11909	67.02161	150.09057	Hidden Ck		sed		Wiseman A-1	NE 1	25N	12W	Fairbanks
729	11910	67.02161	150.09057	Hidden Ck		pan	1 fine Au, mod mag	Wiseman A-1	NE 1	25N	12W	Fairbanks
730	11911	66.98902	150.25082	Blahuta Ck		sed		Bettles D-1	SW 17	25N	12W	Fairbanks
730	11912	66.98902	150.25082	Blahuta Ck		pan	abu mag, no vis Au	Bettles D-1	SW 17	25N	12W	Fairbanks

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Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
712	12006		pan	5966	7	3	0.7	32	6	53	2	33	17	0.4	<5	10	<5	0.169	6.55	1024	<10	96
713	11612		pan	4576	6	10	<0.2	23	7	56	3	28	14	0.4	<5	7	<5	0.055	8.87	864	<10	123
714	11975		pan	**5.86 ppm**	12	5	<0.2	35	7	50	2	37	16	0.3	<5	10	<5	0.157	4.46	821	<10	139
714	11976		pan	27.27 ppm	7	6	2.4	50	7	53	2	44	20	0.4	<5	9	<5	0.384	5.14	911	<10	104
715	11610		sed	<5			<0.2	18	6	62	<1	25	13	<0.2	<5	3	<5	0.034	2.91	543	<10	87
715	11611		pan	77.81 ppm	7	34	5.7	26	7	57	1	36	18	0.5	<5	7	<5	1.103	7.00	1029	<10	91
715	11613		plac	0.026 oz/cyd	1414	12	0.5	24	6	58	1	34	14	0.3	<5	9	<5	4.320	7.70	964	<10	92
715	11973		pan	**63.5 ppm**	<5	4	2.2	24	6	51	1	35	17	0.3	<5	9	<5	0.140	4.41	786	<10	75
716	11970		sed	5			<0.2	17	5	76	<1	27	14	0.2	<5	3	<5	0.031	2.86	490	<10	95
716	11971		pan	**15.17 ppm**	<5	3	6.9	16	4	40	1	30	14	0.5	<5	8	<5	0.758	4.06	605	<10	64
716	11972	flt	sel	<5			0.4	4	<2	44	<1	12	9	<0.2	<5	6	<5	<0.010	3.01	2189	<10	201
717	11969	rub	rand	8			<0.2	18	<2	79	<1	508	126	<0.2	<5	<5	<5	0.032	>10.00	1522	<10	9
718	11974	otc	grab	<5			<0.2	10	<2	78	<1	604	143	<0.2	<5	<5	<5	0.035	>10.00	1331	<10	3
719	12005		pan	7969	<5	3	<0.2	24	6	44	1	28	14	0.3	<5	8	<5	0.190	5.02	664	<10	89
720	11594	otc	rand	6			<0.2	29	8	93	<1	26	15	0.2	<5	<5	<5	0.179	4.17	440	<10	101
721	11592		pan	6	<5	13	<0.2	30	7	55	2	27	16	0.5	<5	8	<5	0.158	5.53	842	<10	104
721	11593		pan	177	<5	12	<0.2	28	10	56	3	30	17	0.5	<5	9	<5	<0.010	5.61	971	<10	131
721	11595		pan	297	<5	11	<0.2	30	6	54	3	26	16	0.5	<5	8	<5	0.025	5.57	819	<10	106
722	11596		pan	311	<5	12	<0.2	32	7	66	3	27	17	0.6	<5	8	<5	0.017	6.01	1015	<10	139
723	11597		pan	<5	<5	11	<0.2	41	5	81	2	32	17	0.4	<5	9	<5	0.090	4.89	802	<10	172
723	11598	otc	rand	<5			<0.2	91	<2	98	<1	50	30	0.3	<5	<5	<5	0.071	6.83	857	<10	220
724	11599		pan	162	<5	11	<0.2	33	6	57	3	30	16	0.5	<5	9	<5	0.016	4.73	1664	<10	115
724	11600		pan	869	<5	10	<0.2	31	7	59	3	28	18	0.6	<5	9	<5	0.261	>10.00	1215	<10	110
724	11601	flt	sel	<5			<0.2	103	<2	90	<1	39	38	<0.2	<5	<5	<5	<0.010	7.38	901	<10	72
725	11602		pan	403	<5	26	<0.2	22	9	55	2	25	15	0.5	<5	8	<5	0.013	7.79	1119	<10	130
726	11603		pan	969	<5	11	<0.2	26	11	60	3	28	17	0.8	<5	8	<5	0.013	>10.00	1618	<10	100
726	11604		pan	10.97 ppm	<5	10	<0.2	27	8	59	3	27	17	0.7	<5	12	<5	0.129	6.27	1374	<10	140
727	11919		pan	<1	8	1	<0.2	40	8	98	2	41	26	0.6	<5	11	<5	0.063	5.64	1027	<10	328
727	11920		sed	<5			<0.2	40	5	107	<1	40	25	0.3	<5	10	<5	0.071	4.79	1291	<10	454
727	11921	flt	sel	<5			<0.2	21	25	62	1	19	6	<0.2	<5	10	34	0.048	2.90	237	<10	85
728	12544		sed	<5			<0.2	49	16	66	1	20	12	<0.2	<5	6	<5	0.337	2.78	600	<10	79
728	12545		pan	9	5	8	<0.2	62	16	88	1	27	20	<0.2	<5	11	<5	3.151	4.75	976	<10	161
728	12546	flt	sel	<5			<0.2	199	<2	30	2	21	18	<0.2	<5	<5	<5		3.16	398	<10	66
729	11908	flt	sel	<5			<0.2	83	<2	34	<1	55	24	<0.2	<5	11	28	<0.010	3.57	676	<10	230
729	11909		sed	7			<0.2	97	4	72	1	37	22	<0.2	<5	<5	<5	0.043	3.89	892	<10	521
729	11910		pan	**12.18 ppm**	<5	2	<0.2	76	5	61	1	32	24	0.5	<5	<5	<5	0.067	5.49	2657	<10	304
730	11911		sed	<5			<0.2	14	14	72	2	14	14	<0.2	<5	5	<5	0.028	3.93	508	<10	138
730	11912		pan	<1	15	<1	<0.2	7	14	48	1	11	14	0.7	<5	<5	<5	0.016	>10.00	770	<10	61

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
712	12906		pan	336	153	<20	<20	71	1.76	0.90	1.23	0.05	0.10	36	20	<2	13	13	6	<10	0.305	10		
713	11612		pan	263	182	<20	<20	68	1.46	0.60	1.02	0.09	0.18	40	21	<2	12	15	5	<10	0.20	9		
714	11975		pan	353	80	<20	<20	33	1.69	0.89	2.02	0.04	0.08	58	12	<2	12	7	8	<10	0.242	11		
714	11976		pan	336	103	<20	<20	19	2.35	1.09	2.28	0.06	0.08	56	14	<2	12	8	6	<10	0.286	11		
715	11610		sed	26	46	<20	<20	18	1.59	0.68	0.35	0.01	0.04	20	5	<2	17	3	<5	<10	0.04	<1		
715	11611		pan	282	224	<20	82	13	2.01	1.08	1.39	0.09	0.14	66	12	<2	12	18	10	<10	0.19	4		
715	11613		pan	290	391	<20	320	16	1.32	0.86	1.92	0.03	0.08	58	12	3	9	20	8	<10	0.17	2		
715	11973		pan	221	123	<20	39	10	1.70	1.15	0.96	0.04	0.07	50	7	<2	13	10	5	<10	0.173	4		
716	11970		sed	32	45	<20	<20	9	1.47	0.81	0.41	<0.01	0.04	18	4	<2	14	3	<5	<10	0.044	<1		
716	11971		pan	194	172	<20	165	8	1.33	1.28	0.73	0.04	0.06	55	6	<2	11	15	5	<10	0.163	3		
716	11972	flt	sel	63	60	<20	<20	1	0.76	5.68	>10.00	0.02	0.03	208	6	<2	9	3	9	<10	<0.010	<1		
717	11969	rub	rand	578	34	<20	<20	<1	0.96	>10.00	0.57	0.02	<0.01	11	<1	<2	2	<1	6	<10	0.015	<1		
718	11974	otc	grab	142	17	<20	<20	31	0.36	>10.00	0.08	<0.01	<0.01	2	<1	<2	41	<1	5	<10	<0.010	<1		
719	12005		pan	223	104	<20	<20	57	1.40	0.73	0.95	0.04	0.08	26	12	<2	11	9	<5	<10	0.207	7		
720	11594	otc	rab	111	62	<20	<20	10	1.93	0.82	0.24	<0.01	0.06	9	6	<2	32	4	<5	<10	<0.01	3		
721	11592		pan	195	110	<20	<20	89	1.76	0.77	1.43	0.07	0.13	36	22	<2	13	9	6	<10	0.25	9		
721	11593		pan	243	111	<20	<20	112	1.85	0.76	1.44	0.09	0.16	43	28	<2	13	9	7	<10	0.27	10		
721	11595		pan	179	110	<20	<20	93	1.71	0.75	1.37	0.06	0.11	35	21	<2	12	9	6	<10	0.25	9		
722	11596		pan	231	119	<20	<20	103	2.07	0.80	1.68	0.09	0.16	42	26	<2	14	9	8	<10	0.37	11		
723	11597		pan	250	96	<20	<20	10	2.05	0.85	1.33	0.07	0.14	40	10	<2	15	7	7	<10	0.18	12		
724	11598	otc	rab	128	160	<20	<20	6	5.95	1.43	2.05	0.13	0.10	119	12	8	32	14	18	<10	0.21	16		
724	11599		pan	246	83	<20	<20	18	1.98	0.76	1.75	0.06	0.09	34	14	<2	13	6	7	<10	0.23	12		
724	11600		pan	253	204	<20	<20	149	1.83	0.71	1.46	0.07	0.13	39	33	<2	12	17	8	<10	0.28	9		
724	11601	flt	sel	70	138	<20	<20	10	2.60	1.97	1.94	0.06	0.04	22	14	5	8	10	7	<10	0.40	33		
725	11602		pan	281	146	<20	<20	119	1.90	0.70	1.41	0.11	0.21	57	34	<2	13	12	9	<10	0.26	8		
726	11603		pan	240	273	<20	<20	209	1.92	0.61	1.58	0.05	0.09	35	44	3	10	23	11	<10	0.27	7		
726	11604		pan	253	150	<20	<20	208	2.07	0.74	1.63	0.09	0.17	47	32	<2	13	13	11	<10	0.31	8		
727	11919		pan	154	138	<20	<20	9	2.79	1.33	1.81	0.08	0.17	38	10	<2	18	12	7	<10	0.39	14		
727	11920		sed	49	96	<20	<20	14	2.45	1.24	1.26	0.01	0.06	35	11	2	22	9	8	<10	0.19	2		
727	11921	flt	sel	155	42	<20	<20	11	1.18	0.67	0.22	0.08	<0.01	19	5	2	22	2	<5	<10	<0.01	8		
728	12544		sed	30	38	<20	<20	17	1.24	0.45	0.86	0.01	0.06	33	7	<2	20	3	<5	<10	0.064	<1		
728	12545		pan	309	117	<20	<20	61	2.12	0.83	1.40	0.16	0.32	61	22	5	22	6	8	<10	0.309	13		
728	12546	flt	sel	77	119	54	4	7	2.85	0.88	0.30	0.43	0.04	28	13	3	7	5	12	<10	0.170	5		
729	11908	flt	sel	132	57	<20	<20	1	2.55	2.00	1.56	0.11	0.05	29	5	4	25	2	<5	<10	0.21	<1		
729	11909		sed	57	97	<20	<20	15	2.85	1.11	1.07	0.04	0.10	27	8	3	21	8	6	<10	0.21	21		
729	11910		pan	89	141	<20	<20	18	2.46	1.31	1.83	0.13	0.17	65	11	<2	16	12	8	<10	0.40	6		
730	11911		sed	20	88	<20	<20	31	2.26	1.03	0.71	0.02	0.27	71	7	4	36	7	<5	<10	0.17	<1		
730	11912		pan	132	465	<20	<20	108	0.82	0.56	1.20	0.14	0.26	53	26	6	10	43	<5	<10	0.25	12		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
731	12141	66.92576	150.12710	Jim R, trib		sed		Bettles D-1	NE 10	24N	12W	Fairbanks
731	12142	66.92576	150.12710	Jim R, trib		pan	abu mag	Bettles D-1	NE 10	24N	12W	Fairbanks
731	12143	66.92576	150.12710	Jim R, trib	flt	sel	meta volcanic w/ 5% mag, lim	Bettles D-1	NE 10	24N	12W	Fairbanks
732	12168	66.90519	150.10749	Jim R, upper		pan		Bettles D-1	SW 14	24N	12W	Fairbanks
732	12169	66.90519	150.10749	Jim R, upper		sed		Bettles D-1	SW 14	24N	12W	Fairbanks
732	12170	66.90519	150.10749	Jim R, upper	flt	sel	hfls w/ finely diss py	Bettles D-1	SW 14	24N	12W	Fairbanks
732	12171	66.90662	150.10882	Jim R, upper		pan		Bettles D-1	SW 14	24N	12W	Fairbanks
732	12172	66.90662	150.10881	Jim R, upper		sed		Bettles D-1	SW 14	24N	12W	Fairbanks
733	11579	66.91412	150.33285	Jim R, upper		sed		Bettles D-1	SE 10	24N	13W	Fairbanks
733	11580	66.91417	150.33285	Jim R, upper		pan	1 v fine Au, abu mag, zircon(?)	Bettles D-1	SE 10	24N	13W	Fairbanks
733	11581	66.91417	150.33285	Jim R, upper	flt	sel	gabbro, amphibole(?)	Bettles D-1	SE 10	24N	13W	Fairbanks
733	11582	66.91417	150.33285	Jim R, upper	flt	sel	gar-tm granite	Bettles D-1	SE 10	24N	13W	Fairbanks
734	11009	66.85284	150.39926	Douglas Ck		sed		Bettles D-1	NE 5	23N	13W	Fairbanks
734	11010	66.85284	150.39926	Douglas Ck		pan	no mag, no vis Au	Bettles D-1	NE 5	23N	13W	Fairbanks
734	11011	66.85233	150.40052	Douglas Ck		pan	mod fine and coarse mag	Bettles D-1	NW 5	23N	13W	Fairbanks
734	11012	66.85233	150.40052	Douglas Ck		pan	from colluvium	Bettles D-1	NW 5	23N	13W	Fairbanks
735	11991	66.76607	151.05472	Jim R Canyon	otc	sel	schist w/ diss py (?)	Bettles D-3	NW 4	22N	16W	Fairbanks
735	11992	66.76607	151.05472	Jim R Canyon	otc	rand	sheared basaltic greenstone	Bettles D-3	NW 4	22N	16W	Fairbanks
736	11967	66.75425	151.03883	Jim R Canyon	otc	rand	meta volc w/ qz veins, 3% mag	Bettles D-3	NW 9	22N	16W	Fairbanks
736	11968	66.75834	151.03173	Jim R Canyon	otc	rand	meta volc w/ w/ 5% po, lim	Bettles D-3	SE 4	22N	16W	Fairbanks
737	11987	66.75442	151.00218	Jim R Canyon		pan	fine Au, mod mag	Bettles D-3	NW 10	22N	16W	Fairbanks
737	11988	66.75442	151.00218	Jim R Canyon	flt	sel	basaltic greenstone w/ 1% po, ca	Bettles D-3	NW 10	22N	16W	Fairbanks
737	11989	66.75833	150.99868	Jim R, unnamed trib		pan	fine qtz Au, mod mag	Bettles D-3	NW 10	22N	16W	Fairbanks
737	11990	66.75533	150.99868	Jim R, unnamed trib		sed		Bettles D-3	NW 10	22N	16W	Fairbanks
737	12138	66.75742	150.99758	Jim R canyon		pan	1 v coarse, 3 fine Au, mod mag	Bettles D-2	S 3	22N	16W	Fairbanks
737	12139	66.75742	150.99758	Jim R canyon		pan	1 fine, 4 v fine Au; minor mag	Bettles D-2	S 3	22N	16W	Fairbanks
737	12140	66.75742	150.99758	Jim R canyon	otc	sel	meta volcanic w/ qz veins	Bettles D-2	S 3	22N	16W	Fairbanks
738	12135	66.77247	150.91682	Jim R canyon		pan	1 v fine Au, mod mag	Bettles D-2	SE 36	23N	16W	Fairbanks
738	12136	66.77307	150.91968	Jim R canyon		pan	1coarse Au, mod fine mag	Bettles D-2	SE 36	23N	16W	Fairbanks
739	12137	66.76901	150.90801	Jim R canyon		pan	2 fine, 3 v fine Au; mod fine mag	Bettles D-2	SW 31	23N	15W	Fairbanks
740	11031	66.77306	150.89801	Jim R		pan	from bedrock, 4 v fine Au	Bettles D-2	SW 31	23N	15W	Fairbanks
740	11032	66.77306	150.89801	Jim R		sed		Bettles D-2	SW 31	23N	15W	Fairbanks
740	11033	66.77306	150.89801	Jim R	otc	rand	silic volcanic rock w/ lim	Bettles D-2	SW 31	23N	15W	Fairbanks
740	12124	66.77351	150.89372	Jim R canyon	flt	sel	greenstone xcut by qz w/ mal	Bettles D-2	SW 31	23N	15W	Fairbanks
740	12161	66.77350	150.89372	Jim R canyon	otc	rand	greenstone w/ qz carb vein, mal	Bettles D-2	SW 31	23N	15W	Fairbanks
741	12123	66.77346	150.88427	Jim R canyon		pan	2 fine, 6 v fine flat Au	Bettles D-2	SW 31	23N	15W	Fairbanks
741	12162	66.77351	150.88452	Jim R canyon	flt	sel	silic felsic vein w/ box, lim	Bettles D-2	SW 31	23N	15W	Fairbanks
741	12163	66.77331	150.88993	Jim R canyon	flt	sel	silic phyllite w/ 2-5% py	Bettles D-2	SW 31	23N	15W	Fairbanks

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Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
731	12141		sed	<5			<0.2	21	14	65	1	22	14	0.2	<5	6	<5	0.016	3.56	497	<10	99
731	12142		pan	**514**	<5	1	<0.2	20	13	59	2	24	16	0.4	<5	7	<5	0.010	7.63	566	<10	69
731	12143	flt	sel	<5			<0.2	124	2	35	<1	44	25	<0.2	<5	<5	<5	0.012	3.55	337	<10	54
732	12168		pan	51	<5	<1	<0.2	13	4	47	4	22	12	0.3	<5	7	<5	<0.010	4.19	586	<10	93
732	12169		sed	<5			<0.2	13	5	77	1	22	13	0.3	<5	9	<5	<0.010	2.86	356	<10	117
732	12170	flt	sel	<5			<0.2	59	3	119	3	66	21	0.8	<5	<5	<5	<0.010	3.99	301	<10	179
732	12171		pan	12	<5	<1	<0.2	17	6	53	4	23	14	0.3	<5	5	<5	<0.010	4.66	522	<10	101
732	12172		sed	<5			<0.2	23	11	98	2	26	16	0.3	<5	7	<5	0.033	3.33	616	<10	168
733	11579		sed	<5			<0.2	24	13	89	3	26	16	0.4	<5	9	<5	0.045	3.81	653	<10	173
733	11580		pan	810	<5	8	<0.2	14	9	40	4	17	12	0.4	<5	7	<5	<0.010	5.78	572	<10	88
733	11581	flt	sel	6			<0.2	193	<2	42	<1	17	20	<0.2	<5	<5	<5	<0.010	3.46	327	<10	85
733	11582	flt	sel	<5			<0.2	7	7	17	4	12	1	<0.2	<5	<5	<5	<0.010	0.62	177	<10	13
734	11009		sed	8			<0.2	117	6	128	3	50	23	0.5	<5	13	<5	0.147	5.06	1534	<10	501
734	11010		pan	7	14	6	<0.2	115	4	133	3	63	28	0.7	<5	12	<5	0.031	6.59	2049	<10	252
734	11011		pan	9	8	6	<0.2	106	<2	124	3	60	29	0.7	<5	11	<5	0.033	6.21	1590	<10	220
734	11012		pan	14	9	3	<0.2	99	10	117	6	59	25	0.8	<5	17	<5	0.090	5.63	1125	<10	270
735	11991	otc	sel	<5			<0.2	7	60	26	3	3	<1	<0.2	10	7	<5	0.195	0.56	257	<10	418
735	11992	otc	rand	<5			<0.2	91	30	206	2	29	17	2.7	24	547	<5	0.077	3.50	2600	<10	1026
736	11967	otc	rand	12			<0.2	179	<2	80	<1	48	33	<0.2	<5	<5	<5	0.051	6.01	739	<10	91
736	11968	otc	rand	30			0.2	169	<2	68	<1	36	26	<0.2	<5	<5	<5	0.026	5.41	593	<10	23
737	11987		pan	557	<5	7	<0.2	99	4	93	3	163	41	0.5	<5	12	6	1.685	7.64	1579	<10	814
737	11988	flt	sel	<5			0.3	98	<2	84	<1	36	40	<0.2	<5	<5	<5	0.027	7.62	837	<10	84
737	11989		pan	34	6	6	<0.2	79	10	131	3	84	35	0.8	<5	17	<5	0.609	6.23	1529	<10	396
737	11990		sed	12			<0.2	94	9	159	4	69	28	0.7	<5	20	<5	0.438	5.41	1410	<10	336
737	12138		pan	120.55 ppm	<5	3	1.6	22	<2	30	<1	16	8	0.9	<5	<5	<5	2.161	2.17	462	<10	126
737	12139		pan	**95.45 ppm**	5	3	1.4	41	<2	61	1	32	16	0.5	<5	<5	<5	0.103	3.84	904	<10	224
737	12140	otc	sel	<5			<0.2	329	<2	79	<1	49	38	<0.2	<5	<5	<5	0.013	7.03	1072	<10	38
738	12135		pan	<5	<5	2	<0.2	40	4	64	2	32	16	0.3	<5	5	<5	0.012	3.95	738	<10	282
738	12136		pan	5260	<5	4	<0.2	48	10	94	2	42	20	0.6	<5	8	<5	0.011	4.68	820	<10	862
739	12137		pan	1804	<5	2	<0.2	38	4	66	2	33	17	0.4	<5	6	<5	0.452	4.79	944	<10	370
740	11031		pan	1231	<5	5	<0.2	86	8	115	5	79	25	0.5	<5	12	<5	0.080	5.65	1664	<10	1327
740	11032		sed	3			<0.2	21	6	76	1	22	11	<0.2	<5	7	<5	0.032	2.97	477	<10	187
740	11033	otc	tan	<5			<0.2	33	4	32	7	27	7	<0.2	<5	<5	<5	0.085	1.15	415	<10	223
740	12124	flt	sel	6			<0.2	307	3	81	<1	64	42	<0.2	<5	<5	<5	0.043	7.09	994	<10	22
740	12161	otc	rand	8			<0.2	259	3	74	<1	53	36	<0.2	<5	<5	<5	<0.010	7.27	998	<10	105
741	12123		pan	3413	<5	2	<0.2	36	4	69	2	34	18	0.5	<5	7	<5	0.028	6.02	1705	<10	1000
741	12162	flt	sel	<5			<0.2	7	6	37	13	11	<1	<0.2	<5	34	<5	0.143	>10.00	362	<10	2000
741	12163	flt	sel	8			1.2	56	11	207	8	50	14	2.8	<5	78	5	0.146	4.86	1064	<10	41

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
731	12141		sed	36	56	<20	<20	58	1.82	0.82	0.79	0.02	0.28	48	8	<2	30	7	5	<10	0.132	<1		
731	12142		pan	228	212	<20	<20	212	1.26	1.02	1.22	0.11	0.27	34	29	<2	22	17	9	<10	0.257	3		
731	12143	flt	sel	116	124	<20	<20	4	5.10	1.25	3.73	0.24	0.03	36	14	<2	31	10	12	<10	0.212	4		
732	12168		pan	446	98	<20	<20	76	1.01	0.35	0.60	0.06	0.29	27	44	<2	14	10	<5	<10	0.264	4		
732	12169		sed	27	61	<20	<20	24	1.59	0.58	0.41	0.02	0.34	26	8	<2	25	5	6	<10	0.110	<1		
732	12170	flt	sel	168	174	<20	<20	12	3.11	1.04	0.26	0.05	0.86	14	6	4	30	15	10	<10	0.143	1		
732	12171		pan	418	182	<20	<20	108	1.18	0.66	0.52	0.06	0.36	36	32	<2	21	11	6	<10	0.312	6		
732	12172		sed	31	73	<20	<20	39	2.20	0.82	0.57	0.02	0.35	58	8	<2	45	6	7	<10	0.123	<1		
733	11579		sed	30	71	<20	<20	26	2.30	0.78	0.54	0.02	0.31	57	8	5	31	7	<5	<10	0.12	<1		
733	11580		pan	280	141	<20	<20	98	1.12	0.44	0.86	0.11	0.28	35	45	<2	14	14	<5	<10	0.29	9		
733	11581	flt	sel	344	128	<20	<20	4	1.04	1.06	1.31	0.13	0.23	19	14	2	6	10	<5	<10	0.22	<1		
733	11582	flt	sel	237	6	<20	<20	7	0.34	0.06	0.08	0.04	0.18	2	4	<2	14	1	<5	<10	0.02	5		
734	11009		sed	51	124	<20	<20	10	3.04	1.36	0.94	0.02	0.09	36	13	3	31	2	8	<10	0.17	<1		
734	11010		pan	135	169	<20	<20	5	3.27	1.91	2.01	0.04	0.08	31	10	4	20	<1	9	<10	0.35	<1		
734	11011		pan	118	161	<20	<20	3	3.76	1.87	2.11	0.04	0.09	27	10	4	19	<1	9	<10	0.34	3		
734	11012		pan	172	165	<20	<20	11	3.02	1.56	2.04	0.03	0.20	33	12	5	18	<1	11	<10	0.38	14		
735	11991	otc	sel	36	5	<20	<20	1	1.11	0.17	0.35	0.03	0.22	29	11	3	15	<1	<5	<10	<0.010	27		
735	11992	otc	rand	93	46	<20	<20	6	1.37	1.00	1.83	<0.01	0.26	108	10	<2	18	3	5	<10	<0.010	1		
736	11967	otc	rand	43	151	<20	<20	4	3.20	1.47	2.35	0.21	0.04	40	11	<2	9	9	<5	<10	0.329	14		
736	11968	otc	rand	45	124	<20	<20	3	4.06	1.20	2.61	0.38	0.03	53	11	2	6	8	<5	<10	0.216	7		
737	11987		pan	283	135	<20	<20	8	3.68	4.03	4.88	0.03	0.34	76	13	<2	20	11	12	<10	0.447	13		
737	11988	flt	sel	44	178	<20	<20	6	4.99	3.70	3.90	0.03	0.08	32	9	3	14	9	7	<10	0.286	8		
737	11989		pan	179	139	<20	<10	7	2.80	1.55	3.10	0.03	0.13	38	8	<2	10	11	8	<10	0.440	12		
737	11990		sed	66	92	<20	<20	8	2.45	1.24	1.06	<0.01	0.08	27	9	<2	11	7	8	<10	0.079	<1		
737	12138		pan	67	129	<20	<20	21	0.93	0.42	0.77	0.05	0.11	34	13	<2	13	9	7	<10	0.229	10		
737	12139		pan	164	109	<20	<20	16	1.84	0.87	1.35	0.06	0.13	34	11	<2	14	7	7	<10	0.192	9		
737	12140	otc	sel	67	168	<20	<20	5	5.97	1.75	6.38	0.02	0.01	29	16	6	36	12	14	<10	0.340	20		
738	12135		pan	221	96	<20	<20	26	1.70	0.75	1.32	0.05	0.12	32	13	<2	13	7	6	<10	0.191	7		
738	12136		pan	265	113	<20	<20	20	2.44	1.23	1.84	0.05	0.13	43	14	<2	15	7	7	<10	0.201	8		
739	12137		pan	257	123	<20	<20	32	1.81	0.78	1.36	0.06	0.15	35	17	<2	14	9	6	<10	0.222	7		
740	11031		pan	165	148	<20	<20	20	2.96	2.21	1.13	0.03	0.28	30	16	3	36	2	12	<10	0.25	15		
740	11032		sed	26	64	<20	<20	22	1.38	0.65	0.51	0.02	0.15	25	7	<2	21	1	<5	<10	0.10	<1		
740	11033	otc	rand	218	15	<20	<20	2	0.82	0.30	0.34	0.01	0.10	17	3	<2	5	<1	<5	<10	0.03	4		
740	12124	flt	sel	97	169	<20	<20	4	5.57	1.75	6.42	0.06	0.05	38	15	7	8	12	18	<10	0.293	24		
740	12161	otc	rand	99	139	<20	<20	5	6.20	1.51	7.79	0.05	0.08	41	16	12	6	10	16	<10	0.266	21		
741	12123		pan	256	156	<20	<20	46	1.93	0.84	1.59	0.06	0.13	42	21	<2	14	11	7	<10	0.257	7		
741	12162	flt	sel	159	46	<20	<20	1	0.08	0.02	0.04	<0.01	0.01	42	8	3	<1	2	<5	<10	<0.010	4		
741	12163	flt	sel	189	176	<20	<20	12	1.52	1.14	4.38	0.01	0.38	122	14	<2	11	16	5	<10	0.162	12		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
741	12164	66.77331	150.58993	Jim R canyon	flt	sel	bfld xcut by qz w/ 1-2% py, po	Bettles D-2	SW 31	23N	15W	Fairbanks
742	12165	66.77947	150.87735	Jim R canyon	otc	sel	chert/bfls xcut by qz w/ <1% py	Bettles D-2	NE 31	23N	15W	Fairbanks
742	12166	66.77947	150.87735	Jim R canyon	flt	sel	hem-rich chert w/ <1% py	Bettles D-2	NE 31	23N	15W	Fairbanks
742	12167	66.77947	150.87735	Jim R canyon	flt	sel	diorite w/ <1% py, po	Bettles D-2	NE 31	23N	15W	Fairbanks
743	11960	66.78701	150.87715	Jim R canyon		sed		Bettles D-2	SE 30	23N	15W	Fairbanks
743	11961	66.78701	150.87715	Jim R canyon		pan	1 fine, 7 v fine Au; minor mag	Bettles D-2	SE 30	23N	15W	Fairbanks
743	11962	66.78702	150.87715	Jim R canyon	otc	grab	aphanitic meta volc w/ 5% mag	Bettles D-2	SW 30	23N	15W	Fairbanks
744	11013	66.79248	150.73937	Jim R, Prospect Ck		sed		Bettles D-2	NW 26	23N	15W	Fairbanks
744	11014	66.79248	150.73937	Jim R, Prospect Ck		pan	1 v fine Au, abu fine mag	Bettles D-2	NW 26	23N	15W	Fairbanks
744	11015	66.79248	150.73937	Jim R, Prospect Ck		plac	13 v fine Au, zircon	Bettles D-2	NW 26	23N	15W	Fairbanks
745	12547	66.77487	150.59147	Prospect Ck	rub	rand	diorite dike w/ qz vlets, tr cpy	Bettles D-2	SE 33	23N	14W	Fairbanks
745	12514	66.77515	150.58923	Prospect Ck	otc	rand	6-ft-wide zone of qz veins w/ lim	Bettles D-2	SE 33	23N	14W	Fairbanks
745	12515	66.77515	150.58923	Prospect Ck		pan	1 v fine Au, collected from plt	Bettles D-2	SE 33	23N	14W	Fairbanks
745	12516	66.77463	150.59002	Prospect Ck	rub	sel	0.5-inch-wide qz vlet w/ gn, sl	Bettles D-2	SE 33	23N	14W	Fairbanks
745	12517	66.77423	150.58930	Prospect Ck	otc	sel	0.75-inch-wide qz vlet w/ gn, sl	Bettles D-2	SE 33	23N	14W	Fairbanks
746	11573	66.77380	150.57778	Prospect Ck		sed		Bettles D-2	SW 34	23N	14W	Fairbanks
746	11574	66.77380	150.57778	Prospect Ck		pan	6 v fine, 1 fine Au	Bettles D-2	SW 34	23N	14W	Fairbanks
746	11575	66.77380	150.57778	Prospect Ck	otc	rep	volc(?) chert & phyllite	Bettles D-2	SW 34	23N	14W	Fairbanks
746	12548	66.77492	150.58829	Prospect Ck	flt	sel	bfls w/ qz vlets, <1% py, apy	Bettles D-2	SE 34	23N	14W	Fairbanks
747	12511	66.78100	150.54737	Prospect Ck trib	otc	spac	1-inch-wide qz veins w/ tr py	Bettles D-2	NW 35	23N	14W	Fairbanks
747	12512	66.78100	150.54737	Prospect Ck trib		pan		Bettles D-2	NW 35	23N	14W	Fairbanks
747	12513	66.77968	150.54675	Prospect Ck trib	otc	sel	silic mdst, chert w/ tr py, box	Bettles D-2	NW 35	23N	14W	Fairbanks
748	10661	66.79263	150.53399	Prospect Ck	talt	rand	pyroxenite(?)	Bettles D-2	NE 26	23N	14W	Fairbanks
748	10662	66.79263	150.53399	Prospect Ck	otc	rand	pyroxenite w/ tr py	Bettles D-2	NE 26	23N	14W	Fairbanks
748	12492	66.79243	150.53663	Prospect Ck	trn	spac	greenstone w/ serp slickensides	Bettles D-2	NW 26	23N	14W	Fairbanks
748	12493	66.79243	150.53663	Prospect Ck		slu	fine concentrate	Bettles D-2	NW 26	23N	14W	Fairbanks
748	12494	66.79243	150.53663	Prospect Ck		slu	coarse concentrate	Bettles D-2	NW 26	23N	14W	Fairbanks
749	11576	66.79242	150.50642	Prospect Ck		sed		Bettles D-2	NW 25	23N	14W	Fairbanks
749	11577	66.79242	150.50642	Prospect Ck		pan		Bettles D-2	NW 25	23N	14W	Fairbanks
749	11578	66.79242	150.50642	Prospect Ck	flt	sel	greenstone w/ 1% py	Bettles D-2	NW 25	23N	14W	Fairbanks
750	11563	66.79010	150.43352	Prospect Ck, upper		sed		Bettles D-1	C 30	23N	13W	Fairbanks
750	11564	66.79010	150.43352	Prospect Ck, upper		pan	minor mag	Bettles D-1	C 30	23N	13W	Fairbanks
750	11565	66.79010	150.43352	Prospect Ck, upper		pan	2 v fine Au, no mag	Bettles D-1	C 30	23N	13W	Fairbanks
751	11549	66.77920	150.32587	Prospect Ck trib		sed		Bettles D-1	NW 35	23N	13W	Fairbanks
751	11550	66.77920	150.32587	Prospect Ck trib		pan	tr mag, no vis Au	Bettles D-1	NW 35	23N	13W	Fairbanks
752	10999	66.69042	150.57977	North Fork Bonanza Ck		sed		Bettles C-2	NW 34	22N	14W	Fairbanks
752	11000	66.69042	150.57977	North Fork Bonanza Ck		pan	abu mag	Bettles C-2	NW 34	22N	14W	Fairbanks
753	11007	66.65611	150.59901	Bonanza Ck		sed		Bettles C-2	SW 8	21N	14W	Fairbanks

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Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
741	12164	flt	sel	7			<0.2	16	<2	6	1	9	1	<0.2	<5	19	<5	0.064	0.36	83	<10	94
742	12165	otc	sel	7			0.5	14	6	34	2	26	5	0.3	<5	6	<5	0.226	0.91	145	<10	1513
742	12166	flt	sel	<5			<0.2	8	<2	14	1	12	1	<0.2	<5	10	<5	0.062	2.51	103	<10	1541
742	12167	flt	sel	<5			<0.2	36	11	61	2	12	18	<0.2	<5	9	<5	0.043	3.80	2132	<10	135
743	11960		sed	6			<0.2	24	6	98	<1	27	15	0.8	<5	10	<5	0.050	3.00	612	<10	155
743	11961		pan	16.5 ppm	5	6	<0.2	29	8	50	3	31	15	1.2	<5	6	<5	0.329	5.06	1050	<10	140
743	11960	otc	grab	10			<0.2	112	<2	84	<1	31	25	<0.2	<5	<5	<5	0.012	5.87	632	<10	15
744	11013		sed	NA																		
744	11014		pan	1390	8	1	<0.2	10	6	30	4	31	12	<0.2	<5	10	<5	0.023	8.59	1064	<10	89
744	11015		plac	0.0003 oz/cyd	5	3	<0.2	21	6	54	2	23	13	<0.2	<5	11	<5	0.282	>10.00	1295	<10	93
745	12547	rub	rand	<5			<0.2	82	3	88	1	74	33	0.3	<5	<5	<5		6.29	2425	<10	21
745	12514	otc	rand	<5			<0.2	14	6	56	7	9	2	0.6	<5	10	<5	0.191	0.96	548	<10	67
745	12515		pan	283	<5	2	<0.2	40	5	67	2	31	16	0.3	<5	15	<5	0.031	3.32	842	<10	169
745	12516	rub	sel	<5			2.2	130	628	1523	<1	63	33	65.3	<5	41	21	2.126	7.72	2084	<10	78
745	12517	otc	sel	<5			1.2	105	885	1127	<1	59	31	67.0	<5	45	11	2.269	6.79	2464	<10	33
746	11573		sed	<5			<0.2	19	5	71	1	24	13	0.2	<5	9	<5	0.031	2.74	447	<10	136
746	11574		pan	36.02 ppm	<5	13	6.9	191	11	89	4	50	8	0.5	<5	40	<5	0.101	4.64	331	<10	688
746	11575	otc	rep	<5			<0.2	49	5	34	1	30	6	0.5	<5	<5	<5	0.014	1.28	1486	<10	61
746	12548	flt	sel	24			<0.2	32	4	25	2	11	3	<0.2	<5	<5	<5		1.62	143	<10	404
747	12511	otc	spac	<5			<0.2	24	13	40	<1	17	4	<0.2	<5	6	<5	<0.010	1.19	430	<10	1424
747	12512		pan	218.41 ppm	<5	2	13.9	26	6	99	1	48	28	1.0	<5	20	<5	0.082	2.72	2226	<10	1338
747	12513	otc	sel	10			0.2	74	8	77	1	20	5	<0.2	<5	34	10	0.161	2.81	356	<10	172
748	10661	talf	rand	10			<0.2	106	<2	81	<1	629	64	<0.2	<5	<5	<5	0.015	6.65	823	<10	81
748	10662	otc	rand	<5			<0.2	98	<2	63	<1	56	28	<0.2	<5	<5	<5	<0.010	5.21	690	<10	114
748	12492	fel	spac	12			<0.2	158	3	71	<1	615	75	<0.2	<5	<5	<5	0.022	6.56	870	<10	44
748	12493		slu		<5	1	12.6	193	68	68	151	62	60	1.0	<5	11	7	0.427	>10.00	784	52	110
748	12494		slu		5	8	6.8	543	398	99	133	153	77	1.2	32	196	8	0.504	>10.00	601	<10	29
749	11576		sed	<5			<0.2	20	8	90	1	28	18	0.4	<5	9	<5	0.032	3.52	464	<10	140
749	11577		pan	30	<5	10	<0.2	39	2	61	4	30	16	0.4	<5	8	<5	2.349	4.24	556	<10	94
749	11578	flt	sel	7			<0.2	210	<2	22	1	22	16	<0.2	<5	<5	<5	<0.010	2.06	257	<10	48
750	11563		sed	45			<0.2	20	6	96	1	31	20	0.4	<5	11	<5	0.038	3.87	479	<10	154
750	11564		pan	126	7	9	<0.2	17	5	51	6	28	11	0.3	<5	8	<5	<0.010	3.50	630	<10	100
750	11565		pan	1537	15	22	<0.2	21	5	55	5	27	12	0.4	<5	7	<5	<0.010	3.42	474	<10	117
751	11549		sed	<5			<0.2	16	8	79	<1	26	16	0.4	<5	9	<5	0.021	3.28	346	<10	122
751	11550		pan	20	<5	9	<0.2	15	18	48	4	23	13	0.2	<5	9	<5	0.018	2.86	489	<10	100
752	10999		sed	8			<0.2	15	7	80	1	23	13	<0.2	<5	8	<5	0.025	3.40	385	<10	165
752	11000		pan	4	5	<1	<0.2	8	3	41	4	14	6	<0.2	<5	5	<5	<0.010	6.64	656	<10	67
753	11007		sed	29			<0.2	19	7	84	2	27	14	0.2	<5	7	<5	0.025	2.91	347	<10	81

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
741	12164	flt	sel	212	5	<20	<20	<1	0.09	<0.01	0.05	<0.01	0.02	4	<1	<2	<1	<1	<5	<10	<0.010	3		
742	12165	otc	sel	209	13	<20	<20	8	0.68	0.28	0.74	<0.01	0.17	59	3	2	7	<1	<5	<10	<0.010	6		
742	12166	flt	sel	231	30	<20	<20	<1	0.06	0.02	0.04	<0.01	0.02	14	<1	<2	<1	2	<5	<10	<0.010	2		
742	12167	flt	sel	53	75	<20	<20	16	1.72	1.23	0.69	0.07	0.09	33	6	3	23	6	8	<10	0.148	19		
743	11960		sed	26	50	<20	<20	17	1.54	0.66	0.48	0.01	0.12	23	8	<2	18	4	<5	<10	0.078	<1		
743	11961		pan	318	122	<20	<20	35	1.51	0.65	1.04	0.05	0.12	31	17	<2	13	11	<5	<10	0.234	9		
743	11966	otc	grab	41	148	<20	<20	3	3.15	1.19	2.89	0.11	0.10	25	11	<2	8	9	<5	<10	0.144	18		
744	11013		sed																					
744	11014		pan	285	240	<20	<20	77	1.33	0.55	1.20	0.05	0.12	36	36	<2	12	3	<5	<10	0.32	9		
744	11015		plac	226	429	<20	<20	96	1.21	0.44	1.24	0.04	0.08	28	43	4	10	<1	5	<10	0.33	10		
745	12547	rub	rand	142	182	<4	4	6	3.10	3.87	>10.00	0.03	<0.01	1690	13	3	59	7	16	<10	0.080	4		
745	12514	otc	rand	167	12	<20	<20	2	0.25	0.17	0.37	0.02	0.06	26	3	<2	5	<1	<5	<10	<0.010	5		
745	12515		pan	279	53	<20	<20	22	1.46	0.44	0.74	0.05	0.18	14	7	<2	18	4	<5	<10	0.111	6		
745	12516	rub	sel	64	191	<20	<20	5	3.41	2.80	2.67	0.04	<0.01	258	7	14	71	16	15	<10	<0.010	<1		
745	12517	otc	sel	71	179	<20	<20	5	2.87	2.33	1.65	0.03	0.01	101	8	12	67	15	15	<10	<0.010	<1		
746	11573		sed	19	36	<20	<20	14	1.25	0.49	0.30	<0.01	0.08	15	5	<2	17	2	<5	<10	0.05	<1		
746	11574		pan	192	45	<20	<20	13	1.32	0.24	0.13	0.02	0.28	27	5	4	13	3	<5	<10	0.01	5		
746	11575	otc	rep	199	8	<20	<20	3	0.24	0.30	0.49	<0.01	0.04	24	2	<2	5	<1	<5	<10	<0.01	3		
746	12548	flt	sel	157	21	<4	<4	5	0.43	0.21	0.35	0.03	0.03	23	1	<2	3	<1	<5	<10	<0.010	4		
747	12511	otc	spac	195	11	<20	<20	<1	0.64	0.34	0.04	0.02	0.05	86	1	2	15	<1	<5	<10	<0.010	<1		
747	12512		pan	231	33	<20	45	14	1.08	0.32	0.08	0.04	0.27	30	7	<2	34	2	<5	<10	<0.010	6		
747	12513	otc	sel	167	9	<20	<20	1	0.16	<0.01	0.02	<0.01	0.04	9	2	<2	1	<1	<5	<10	<0.010	5		
748	10661	talf	rand	259	36	25	<20	2	2.27	8.69	1.05	0.09	0.14	52	3	4	5	<1	<5	<10	0.05	3		
748	10662	otc	rand	54	158	<20	<20	5	3.86	2.04	3.05	0.08	0.05	41	8	10	22	4	9	<10	0.30	12		
748	12492	tm	spac	635	53	<20	<20	3	3.75	7.17	0.81	0.03	0.04	26	3	2	12	3	<5	<10	0.088	<1		
748	12493		slu	358	1205	<20	<20	15	0.20	0.05	0.19	<0.01	0.03	7	7	<2	2	136	<5	<10	0.132	7		
748	12494		slu	215	114	<20	260	6	1.28	0.38	0.66	0.03	0.11	5	14	<2	10	9	<5	<10	0.144	2		
749	11576		sed	28	48	<20	<20	17	1.81	0.62	0.24	<0.01	0.13	16	6	3	25	4	<5	<10	0.06	<1		
749	11577		pan	385	83	<20	<20	39	2.11	0.71	1.68	0.04	0.16	24	13	<2	15	6	5	<10	0.20	11		
749	11578	flt	sel	77	65	<20	<20	2	2.94	0.55	2.34	0.41	0.04	46	10	<2	4	5	6	<10	0.12	<1		
750	11563		sed	30	52	<20	<20	18	1.93	0.67	0.25	0.01	0.17	19	6	3	26	4	<5	<10	0.06	<1		
750	11564		pan	437	53	<20	<20	53	1.18	0.34	0.29	0.03	0.19	12	19	<2	17	4	<5	<10	0.12	6		
750	11565		pan	448	53	<20	<20	34	1.44	0.42	0.52	0.04	0.23	16	13	<2	19	4	<5	<10	0.12	6		
751	11549		sed	28	49	<20	<20	17	1.71	0.62	0.17	0.01	0.23	11	5	3	23	4	<5	<10	0.07	<1		
751	11550		pan	382	37	<20	<20	44	1.15	0.38	0.14	0.01	0.26	9	8	<2	17	3	<5	<10	0.08	3		
752	10999		sed	31	77	<20	<20	27	1.95	0.84	0.47	0.02	0.37	38	8	3	27	2	<5	<10	0.14	<1		
752	11000		pan	289	183	<20	<20	80	0.93	0.44	0.81	0.05	0.25	21	32	<2	12	4	<5	<10	0.34	8		
753	11007		sed	26	39	<20	<20	19	1.76	0.71	0.27	0.02	0.11	23	5	2	29	<1	<5	<10	0.04	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
753	11008	66.65611	150.39901	Bonanza Ck		pan		Bettles C-2	SW 8	21N	14W	Fairbanks
754	10987	66.62642	150.02421	Bonanza Prospect	trn	sel	skarn w/ <10% po, tr cpy & sch	Bettles C-1	SW 19	21N	12W	Fairbanks
754	10988	66.62679	150.02667	Bonanza Prospect	trn	sel	skarn w/ <1% po, tr gn, tr cpy	Bettles C-1	SW 19	21N	12W	Fairbanks
754	10989	66.62679	150.02667	Bonanza Prospect	trn	sel	skarn w/ diss po, lim	Bettles C-1	SW 19	21N	12W	Fairbanks
754	11030	66.62579	150.02891	Bonanza Prospect	otc	cont	3.5-ft-wide skarn w/ tr po cpy	Bettles C-1	NW 34	22N	14W	Fairbanks
755	12177	66.62974	149.96705	Beef claims	rub	sel	calc-silicate w/ 2% po, minor lim	Beaver C-6	SW 21	21N	11W	Fairbanks
755	12192	66.62995	149.96526	Beef claims	flt	sel	calc-silicate w/ tr Mo, minor po	Beaver C-6	SE 20	21N	11W	Fairbanks
755	12193	66.63113	149.96849	Beef claims	flt	sel	calc-silicate skarn w/ 1% po	Beaver C-6	SE 20	21N	11W	Fairbanks
756	11672	66.48960	150.20936	Het	flt	sel	rhyolite w/ tr po, minor gn & sl	Bettles B-1	NW 7	19N	12W	Fairbanks
756	11673	66.48960	150.20936	Het	rub	grab	rhyolite, tuff w/ abu lim	Bettles B-1	NW 7	19N	12W	Fairbanks
756	11674	66.48896	150.21134	Het	rub	sel	rhyolite w/ qz vlets, <1% py, lim	Bettles B-1	SW 7	19N	12W	Fairbanks
756	11675	66.48896	150.21134	Het	flt	sel	silic rock, aplite w/ 4% py	Bettles B-1	SW 7	19N	12W	Fairbanks
756	11676	66.48875	150.20303	Old Man		sed		Bettles B-1	SE 7	19N	12W	Fairbanks
756	11677	66.48875	150.20303	Old Man		pan	no mag, no vis Au	Bettles B-1	SE 7	19N	12W	Fairbanks
756	11678	66.48960	150.20936	Het	flt	sel	porphyritic rhyolite w/ tr gn, sl	Bettles B-1	NW 7	19N	12W	Fairbanks
757	12175	66.45470	150.16482	Peak 2472	rub	sel	volc tuff w/ granite inlcusion	Bettles B-1	SE 20	19N	12W	Fairbanks
758	12191	66.45049	150.17623	Peak 2472	rub	sel	crystal tuff w/ qz crackles	Bettles B-1	NW 29	19N	12W	Fairbanks
759	8005	66.40833	150.59167	Caribou Mtn	otc	rand	chm lenses in dunite	Bettles B-2	SE 6	18N	14W	Fairbanks
759	8006	66.40833	150.59167	Caribou Mtn	rub	grab	chm lenses in dunite	Bettles B-2	SE 6	18N	14W	Fairbanks
760	11419	66.40881	150.62906	Caribou Mtn	rub	sel	dunite w/ 0.5-in-wide chm veins	Bettles B-2	SW 6	18N	14W	Fairbanks
760	11420	66.40881	150.62906	Caribou Mtn	flt	sel	dunite w/ 0.5-in-wide chm veins	Bettles B-2	SW 6	18N	14W	Fairbanks
761	11421	66.39879	150.74483	Caribou Mtn	flt	sel	dunite w/ diss chm	Bettles B-2	SW 10	18N	15W	Fairbanks
761	11422	66.40039	150.74411	Caribou Mtn	flt	sel	dunite w/ diss chm	Bettles B-2	SW 10	18N	15W	Fairbanks
762	11484	66.33545	150.88226	Kanuti R		sed		Bettles B-2	NE 1	17N	16W	Fairbanks
762	11485	66.33545	150.88226	Kanuti R		pan	1 fine Au	Bettles B-2	NE 1	17N	16W	Fairbanks
762	11486	66.33545	150.88226	Kanuti R	flt	sel	ser granite w/ tr to minor py	Bettles B-2	NE 1	17N	16W	Fairbanks
763	11487	66.33485	150.91817	Kanuti R	rub	sel	rhyolite porph w/ qz, felsl	Bettles B-2	NE 3	17N	16W	Fairbanks
764	11470	66.27910	150.87551	Lower Kanuti R	otc	cont	dunite w/ banded chm	Bettles B-2	SE 24	17N	16W	Fairbanks
764	11471	66.27910	150.87551	Lower Kanuti R	otc	sel	serp rock w/ 0.6-ft-wide chm	Bettles B-3	SE 24	17N	16W	Fairbanks
765	11454	66.25717	151.00857	Chrome site	flt	sel	peridotite w/ mag, MnO, lim	Bettles B-3	NE 32	17N	16W	Fairbanks
765	11455	66.25617	151.00940	Chrome site	otc	sel	gabbroic peridotite w/ mag, lim	Bettles B-3	SE 32	17N	16W	Fairbanks
765	11456	66.25617	151.00940	Dome Ck		sed		Bettles B-3	SE 32	17N	16W	Fairbanks
765	11457	66.25617	151.00940	Dome Ck		pan	2 v fine Au, minor mag	Bettles B-3	SE 32	17N	16W	Fairbanks
765	11458	66.25784	151.00970	Dome Ck		pan	minor mag	Bettles B-3	NE 32	17N	16W	Fairbanks
765	11679	66.25556	150.99911	Chrome site	flt	sel	peridotite	Bettles B-3	SW 33	17N	16W	Fairbanks
766	11468	66.23218	151.11603	Peak 1980	rub	sel	dunite w/ 0.25-in-wide chm	Bettles A-3	NE 10	16N	17W	Fairbanks
766	11469	66.23380	151.12338	Peak 1980	rub	sel	silicified rock w/ chm	Bettles A-3	SW 3	16N	17W	Fairbanks
767	11482	66.20765	151.08810	Kanuti R trib		sed		Bettles A-3	SW 14	16N	17W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
753	11008		pan	12	<5	<1	<0.2	13	3	43	4	19	9	<0.2	<5	7	<5	<0.010	1.99	397	<10	46
754	10987	trn	sel	12			16.0	404	732	1438	4	16	5	123.1	45	165	38	0.051	4.06	590	<10	3
754	10988	trn	sel	13			24.3	44	936	746	2	9	2	9.6	56	16	<5	0.085	1.39	753	<10	10
754	10989	trn	sel	2			8.7	203	260	554	5	18	6	60.2	34	8	<5	<0.010	3.00	426	<10	22
754	11030	otc	cont	<1			0.6	65	13	97	2	37	15	2.4	<5	8	<5	<0.010	3.88	715	<10	69
755	12177	rub	sel	<5			0.7	110	17	108	3	39	12	5.1	<5	<5	<5	<0.010	1.87	417	<10	27
755	12192	flt	sel	<5			0.2	36	6	45	80	18	7	1.0	<5	<5	<5	<0.010	1.02	302	<10	25
755	12193	flt	sel	<5			1.6	140	15	233	3	31	15	9.1	6	<5	<5	<0.010	2.03	144	<10	25
756	11672	flt	sel	<5			6.6	20	2853	894	8	3	1	3.5	<5	28	<5	0.013	2.00	50	<10	104
756	11673	rub	grab	<5			2.3	12	448	52	3	4	1	<0.2	<5	14	<5	<0.010	1.80	109	<10	91
756	11674	rub	sel	9			7.6	311	418	29	5	2	<1	<0.2	10	18	<5	<0.010	1.30	37	<10	86
756	11675	flt	sel	<5			4.4	397	35	134	16	5	<1	1.3	6	9	<5	<0.010	2.74	24	<10	51
756	11676		sed	<5			<0.2	11	34	93	1	17	8	0.5	<5	6	<5	0.033	2.53	295	<10	113
756	11677		pan	25	<5	8	<0.2	9	44	72	4	16	8	0.7	<5	<5	<5	0.013	1.95	555	<10	115
756	11678	flt	sel	<5			3.6	14	1719	330	3	3	<1	2.4	<5	19	<5	<0.010	1.68	58	<10	102
757	12175	rub	sel	<5			<0.2	5	9	48	1	9	3	<0.2	<5	<5	<5	0.014	1.09	486	<10	43
758	12191	rub	sel	<5			<0.2	2	16	27	<1	6	2	<0.2	<5	6	<5	<0.010	0.95	48	<10	100
759	8005	otc	rand	<5	<5	<1	<5			680	<2	2180	230	<10		12	1.8		>10.0		<20	<100
759	8006	rub	grab	<5	<5	<1	<5			540	<2	1700	240	<10		2	1.5		>10.0		<20	<100
760	11419	rub	sel	<5	8	3	0.4	2	235	8	<1	1310	69	0.3	<5	<5	<5	<0.010	1.82	284	<10	5
760	11420	flt	sel	<5	<5	5	<0.2	2	66	13	1	1197	137	0.3	<5	<5	<5	0.015	2.77	420	<10	6
761	11421	flt	sel	<5	<5	5	<0.2	3	23	36	<1	1296	151	0.3	<5	<5	<5	<0.010	7.16	936	<10	4
761	11422	flt	sel	<5	<5	5	<0.2	3	20	24	<1	1153	125	0.3	<5	<5	<5	0.023	5.14	651	<10	4
762	11484		sed	<5			<0.2	16	9	84	<1	31	21	0.3	<5	8	<5	0.037	2.33	591	<10	115
762	11485		pan	323	<5	<1	<0.2	10	7	47	7	34	68	0.4	<5	<5	<5	0.023	6.58	1178	<10	80
762	11486	flt	sel	<5			<0.2	33	141	47	3	15	2	1.5	<5	<5	<5	0.086	0.83	332	<10	24
763	11487	rub	sel	<5			0.3	3	30	5	6	6	<1	<0.2	<5	76	5	0.036	0.32	22	<10	10
764	11470	otc	cont	<5	<5	4	<0.2	2	3	17	<1	1359	48	0.2	<5	<5	<5	<0.010	4.04	585	<10	3
764	11471	otc	sel	8	6	4	<0.2	2	<2	6	<1	759	12	<0.2	<5	<5	<5	<0.010	1.39	228	<10	3
765	11454	flt	sel	<5			<0.2	28	14	23	<1	64	21	0.2	<5	<5	<5	<0.010	4.15	333	<10	34
765	11455	otc	sel	<5			<0.2	6	12	47	<1	1359	80	0.3	<5	<5	<5	<0.010	8.29	1065	<10	6
765	11456		sed	<5			<0.2	18	9	79	<1	33	11	0.3	<5	10	<5	0.039	2.59	332	<10	139
765	11457		pan		<5	2	<0.2	25	11	97	2	84	24	0.5	<5	13	<5	0.015	4.63	1157	<10	191
765	11458		pan	6	<5	1	<0.2	46	9	93	9	73	25	0.5	<5	16	<5	0.024	4.50	1244	<10	177
765	11679	flt	sel	<5			0.2	13	18	20	<1	32	24	<0.2	<5	<5	<5	<0.010	3.60	342	<10	23
766	11468	rub	sel	8	<5	5	<0.2	5	<2	18	<1	1509	39	<0.2	<5	<5	<5	<0.010	3.23	386	<10	4
766	11469	rub	sel	<5	<5	3	<0.2	12	<2	13	<1	820	17	0.2	<5	<5	<5	0.019	2.56	291	<10	10
767	11482		sed	<5			<0.2	25	11	93	<1	33	14	0.4	<5	17	<5	0.041	3.06	474	<10	150

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
753	11008		pan	324	20	<20	<20	23	0.85	0.31	0.21	0.02	0.10	9	7	<2	14	1	<5	<10	0.09	1		
754	10987	trn	sel	100	21	<20	1.44%	7	0.92	0.33	2.12	0.07	0.02	78	5	<2	7	<1	<5	<10	0.08	7		
754	10988	trn	sel	145	31	<20	0.11%	8	1.97	0.14	5.53	0.01	0.03	79	5	6	4	<1	<5	<10	0.12	11		
754	10989	trn	sel	111	33	<20	0.54%	12	2.73	0.49	2.94	0.15	0.13	249	10	4	16	<1	<5	<10	0.13	9		
754	11030	otc	cont	109	84	<20	<20	19	3.25	2.16	3.04	0.07	0.25	201	9	7	82	2	9	<10	0.08	<1		
755	12177	rub	sel	69	37	<20	130	21	5.97	0.61	4.61	0.37	0.07	335	10	8	16	1	<5	<10	0.194	4		
755	12192	flt	sel	35	34	<20	521	17	4.76	0.37	4.03	0.27	0.09	282	9	6	11	2	<5	<10	0.153	4		
755	12193	flt	sel	88	40	<20	9	21	2.94	0.44	2.42	0.27	0.15	79	13	<2	11	2	<5	<10	0.202	1		
756	11672	flt	sel	131	3	<20	<20	30	0.43	0.03	0.03	<0.01	0.36	6	3	<2	5	<1	<5	<10	<0.01	8		
756	11673	rub	grab	103	3	<20	<20	25	0.43	0.03	0.03	0.02	0.33	7	6	<2	4	2	<5	<10	0.06	17		
756	11674	rub	sel	113	2	<20	<20	13	0.34	0.01	<0.01	<0.01	0.34	3	2	<2	3	<1	<5	<10	<0.01	21		
756	11675	flt	sel	114	1	<20	<20	7	0.28	<0.01	<0.01	0.02	0.24	<1	3	<2	3	<1	<5	<10	<0.01	29		
756	11676		sed	23	49	<20	<20	36	1.78	0.52	0.30	0.02	0.27	19	10	4	28	3	<5	<10	0.10	<1		
756	11677		pan	355	33	<20	<20	29	1.18	0.37	0.42	0.11	0.40	40	14	<2	17	3	<5	<10	0.13	4		
756	11678	flt	sel	106	2	<20	<20	19	0.36	<0.01	<0.01	0.02	0.32	5	2	<2	3	<1	<5	<10	0.01	10		
757	12175	rub	sel	89	12	<20	<20	25	0.84	0.26	0.11	0.06	0.39	7	22	2	10	1	<5	<10	0.047	11		
758	12191	rub	sel	43	12	<20	<20	67	0.81	0.31	0.03	0.03	0.45	12	10	<2	<1	<1	<5	<10	0.035	34		
759	8005	otc	rand	>30000		<200	<2	<5				0.18							4.7	<1		<500	<0.5	4.8
759	8006	rub	grab	>30000		<200	<2	<5				0.15							7.6	<1		<500	<0.5	6.7
760	11419	rub	sel	22.43%	2	5	<20	<1	0.13	8.85	0.02	<0.01	<0.01	2	<1	<2	<1	<1	<5	<10	<0.01	<1		
760	11420	flt	sel	16.10%	4	7	<20	<1	0.08	>10.00	0.03	<0.01	<0.01	2	<1	<2	<1	<1	<5	<10	<0.01	<1		
761	11421	flt	sel	1.01%	1	<4	<20	<1	<0.01	>10.00	0.03	<0.01	<0.01	4	<1	<2	<1	<1	<5	<10	<0.01	<1		
761	11422	flt	sel	6.20%	2	<4	<20	<1	0.13	>10.00	0.03	<0.01	<0.01	3	<1	<2	1	<1	<5	<10	<0.01	<1		
762	11484		sed	38	47	<4	<20	21	1.41	0.79	0.52	0.02	0.10	27	9	2	18	4	<5	<10	0.07	<1		
762	11485		pan	617	285	1345	<20	83	1.98	0.78	1.32	0.12	0.21	52	53	<2	9	29	6	<10	0.43	12		
762	11486	flt	sel	97	1	<20	<20	38	0.50	0.08	0.04	<0.01	0.17	1	13	<2	4	<1	<5	<10	<0.01	14		
763	11487	rub	sel	137	<1	<4	<20	11	0.33	0.01	0.01	<0.01	0.16	<1	3	<2	9	<1	<5	<10	<0.01	15		
764	11470	otc	cont	10.33%	1	<20	<20	<1	0.03	>10.00	0.06	<0.01	<0.01	3	<1	<2	<1	<1	<5	<10	<0.01	<1		
764	11471	otc	sel	25.62%	1	<20	<20	<1	0.05	6.09	0.08	<0.01	<0.01	1	<1	<2	<1	<1	<5	<10	<0.01	<1		
765	11454	flt	sel	168	85	<20	<20	<1	8.41	2.15	5.19	0.45	<0.01	499	<1	9	2	3	<5	<10	0.04	<1		
765	11455	otc	sel	275	2	<20	<20	<1	0.14	>10.00	0.21	<0.01	<0.01	5	<1	<2	2	<1	<5	<10	<0.01	<1		
765	11456		sed	25	34	<20	<20	16	1.35	0.58	0.21	<0.01	0.05	14	5	4	20	2	<5	<10	0.02	1		
765	11457		pan	508	60	<20	<20	18	2.58	0.98	0.45	0.07	0.31	22	9	<2	21	4	25	<10	0.17	6		
765	11458		pan	425	63	<20	<20	24	2.40	0.83	0.43	0.06	0.25	21	8	<2	22	5	<5	<10	0.16	5		
765	11679	flt	sel	141	52	<20	<20	<1	8.28	2.33	5.07	0.41	0.01	398	<1	<2	2	<1	<5	<10	0.02	<1		
766	11468	rub	sel	13.06%	1	<20	<20	<1	0.05	>10.00	0.01	<0.01	<0.01	2	<1	<2	<1	<1	<5	<10	<0.01	<1		
766	11469	rub	sel	24.15%	4	<20	<20	<1	0.09	7.24	<0.01	<0.01	<0.01	2	<1	<2	<1	<1	<5	<10	<0.01	<1		
767	11482		sed	30	42	<20	<20	18	1.61	0.71	0.38	0.01	0.08	19	8	4	20	3	<5	<10	0.02	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
767	11483	66.20765	151.08810	Kanuti R trib		pan	3 v fine, flat Au	Bettles A-3	SW 14	16N	17W	Fairbanks
768	12173	66.16612	150.34508	Peak 2371	rub	sel	dunite w/ mag, <1% cpy, tr mal	Bettles A-1	SE 32	16N	13W	Fairbanks
768	12174	66.16612	150.34508	Peak 2371	rub	sel	dunite w/ 1-2% diss mag, pcl	Bettles A-1	SE 32	16N	13W	Fairbanks
768	12176	66.16866	150.34233	Peak 2371	otc	cont	dunite w/ 3-5% diss mag	Bettles A-1	SE 32	16N	13W	Fairbanks
769	8001	66.13222	151.44583	Sithylemenkat Lake	rub	grab	serp gabbro, pyroxenite, dunite	Bettles A-3	NW 18	15N	18W	Fairbanks
769	8002	66.13083	151.44583	Sithylemenkat Lake	rub	grab	serp dunite w/ mag	Bettles A-3	NW 18	15N	18W	Fairbanks
769	11423	66.13175	151.44930	Sithylemenkat Lake	flt	sel	dunite w/ qz vein, diss chm	Bettles A-3	NW 18	15N	18W	Fairbanks
770	8003	66.02445	151.14333	Sithylemenkat pluton site	flt	grab	greisen vein w/ cst, ser, tm(?)	Bettles A-3	SE 21	14N	17W	Fairbanks
770	8004	66.02750	151.14667	Sithylemenkat pluton site	flt	grab	greisen vein w/ cst, ser, tm(?)	Bettles A-3	NE 21	14N	17W	Fairbanks
770	11452	66.02536	151.15055	Sithylemenkat pluton site	trn	sel	greisen granite w/ lim	Bettles A-3	SW 21	14N	17W	Fairbanks
770	11453	66.02460	151.15116	Sithylemenkat pluton site	flt	sel	greisen granite w/ mal, lim	Bettles A-3	SW 21	14N	17W	Fairbanks
771	11450	65.86357	151.20511	Kanuti Kilolitna R trib		sed		Tanana D-3	SW 13	12N	18W	Fairbanks
771	11451	65.86357	151.20511	Kanuti Kilolitna R trib		pan	mag, 4 dif gr colored flakes	Tanana D-3	SW 13	12N	18W	Fairbanks
772	11478	65.85417	151.20687	Kanuti Kilolitna R		sed		Tanana D-3	NE 24	12N	18W	Fairbanks
772	11479	65.85417	151.20687	Kanuti Kilolitna R		pan	5 v fine, flat Au	Tanana D-3	NE 24	12N	18W	Fairbanks
772	11480	65.85422	151.20520	Kanuti Kilolitna R trib		sed		Tanana D-3	NE 24	12N	18W	Fairbanks
772	11481	65.85422	151.20520	Kanuti Kilolitna R trib		pan		Tanana D-3	NE 24	12N	18W	Fairbanks
772	12043	65.85198	151.21088	Kanuti Kilolitna R		sed		Tanana D-3	SE 24	12N	18W	Fairbanks
772	12044	65.85198	151.21088	Kanuti Kilolitna R		pan	tr mag, no vis Au	Tanana D-3	SE 24	12N	18W	Fairbanks
772	12045	65.85198	151.21088	Kanuti Kilolitna R	flt	sel	vein qz w/ 1% apy, lim	Tanana D-3	SE 24	12N	18W	Fairbanks
772	12046	65.85271	151.21283	Kanuti Kilolitna R	otc	rand	musc-ch qz-fch w/ lim	Tanana D-3	NE 24	12N	18W	Fairbanks
773	11680	65.82873	151.23713	Kilolitna R		sed		Tanana D-3	NE 35	12N	18W	Fairbanks
773	11681	65.82873	151.23713	Kilolitna R		pan		Tanana D-3	NE 35	12N	18W	Fairbanks
773	11682	65.82873	151.23713	Kilolitna R		pan		Tanana D-3	NE 35	12N	18W	Fairbanks
774	11448	65.72492	151.20677	Spooky Valley		sed		Tanana C-3	NE 1	10N	18W	Fairbanks
774	11449	65.72492	151.20677	Spooky Valley		pan	tr mag	Tanana C-3	NE 1	10N	18W	Fairbanks
775	12039	65.72570	151.39107	Kanuti Kilolitna R	rub	rand	equigranular granite, med grained	Tanana C-3	NW 6	10N	18W	Fairbanks
775	12040	65.72732	151.39562	Kanuti Kilolitna R	rub	rand	qz-rich intr w/ unknown mineral	Tanana C-3	NW 6	10N	18W	Fairbanks
776	12041	65.72806	151.40599	Kanuti Kilolitna R	flt	sel	qz-mag rich vein material	Tanana C-3	NW 6	10N	18W	Fairbanks
777	12023	65.73589	151.49843	Kanuti Kilolitna R		pan		Tanana C-3	SW 34	11N	19W	Fairbanks
777	12024	65.73589	151.49843	Kanuti Kilolitna R	rub	grab	porphyritic granite	Tanana C-3	SW 34	11N	19W	Fairbanks
778	12042	65.73434	151.40923	Kanuti Kilolitna R	flt	sel	fine-grained granite w/ tm vlets	Tanana C-3	SE 36	11N	19W	Fairbanks
779	12038	65.73880	151.38926	Kanuti Kilolitna R		pan		Tanana C-3	SW 31	11N	18W	Fairbanks
780	12018	65.78544	151.29800	Kanuti Kilolitna R		sed		Tanana D-3	NW 15	11N	18W	Fairbanks
780	12019	65.78544	151.29800	Kanuti Kilolitna R		pan	musc mag, no vis Au	Tanana D-3	NW 15	11N	18W	Fairbanks
780	12037	65.78543	151.29800	Kanuti Kilolitna R	flt	sel	diopside(?), hfls	Tanana D-3	NW 15	11N	18W	Fairbanks
781	12035	65.79571	151.35648	Peak 3170	rub	rand	meta intr gneiss w/ K-feld	Tanana D-3	NW 8	11N	18W	Fairbanks
781	12036	65.79711	151.35759	Peak 3170	flt	rand	meta intr w/ secondary K-feld	Tanana D-3	NW 8	11N	18W	Fairbanks

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Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
767	11483		pan	2119	<5	<1	<0.2	41	13	111	7	43	26	0.6	<5	48	<5	0.016	5.92	800	<10	180
768	12173	rub	sel	8			0.6	419	4	41	<1	873	75	0.4	<5	14	<5	<0.010	7.02	966	<10	5
768	12174	rub	sel	8			1.1	1222	3	89	<1	2275	135	0.9	<5	22	<5	0.012	8.33	1613	<10	11
768	12176	otc	cont	<5			<0.2	4	4	62	<1	154	41	<0.2	<5	5	<5	0.011	3.63	219	<10	2
769	8001	rub	grab	<5	<5	<1	<5			<200	<2	960	70	<10		2	1.4		4.4		<20	<100
769	8002	rub	grab	<5	6	1	<5			<200	<2	2140	120	<10		3	1.6		5.7		<20	<100
769	11421	flt	sel	<5	<5	6	<0.2	<1	23	17	<1	885	49	0.2	<5	<5	<5	<0.010	4.12	563	<10	7
770	8003	flt	grab	<5	<5	<1	<5			2400	<2	23	<10	<10		1	0.7		>10.0		<20	140
770	8004	flt	grab	<5	<5	<1	<5			300	8	<20	<10	<10		6	0.8		8.1		<20	<100
770	11452	trn	sel	<5			25.9	645	5055	1704	32	5	9	5.4	36	20	<5	0.010	>10.00	4981	<10	29
770	11453	flt	sel	6			10.3	241	1737	1350	11	3	10	2.2	28	<5	<5	<0.010	>10.00	3089	<10	16
771	11450		sed	<5			<0.2	20	15	75	2	24	10	0.4	<5	11	<5	0.054	2.42	443	<10	179
771	11451		pan	<5	<5	<1	<0.2	16	23	33	12	19	9	0.3	<5	19	<5	0.014	3.04	638	<10	108
772	11478		sed	<5			<0.2	13	15	66	1	14	9	0.4	<5	13	<5	0.043	2.08	523	<10	112
772	11479		pan	6976	<5	<1	<0.2	29	46	57	12	18	7	0.3	<5	33	<5	0.014	3.09	617	<10	99
772	11480		sed	<5			<0.2	9	12	52	<1	12	8	<0.2	<5	7	<5	0.041	1.81	305	<10	120
772	11481		pan	6	<5	<1	<0.2	10	13	35	3	10	7	0.3	<5	20	<5	0.011	2.72	618	<10	82
772	12043		sed	<5			<0.2	21	21	110	2	24	12	0.6	<5	20	<5	0.036	2.76	615	<10	141
772	12044		pan	<5	<5	2	<0.2	13	16	62	4	31	8	0.3	<5	10	<5	<0.010	2.56	454	<10	60
772	12045	flt	sel	44			0.3	39	12	44	2	19	9	1.2	<5	186	<5	<0.010	2.72	189	<10	84
772	12046	otc	rand	<5			<0.2	26	23	96	3	22	8	<0.2	<5	12	<5	<0.010	3.37	183	<10	94
773	11680		sed	<5			<0.2	6	15	58	2	8	7	0.4	<5	8	<5	0.039	1.68	395	<10	102
773	11681		pan	88	<5	10	<0.2	7	11	28	3	8	4	<0.2	<5	7	<5	<0.010	1.44	332	<10	51
773	11682		pan	12	<5	11	<0.2	11	15	29	6	15	<3	<0.2	10	13	<5	<0.010	2.00	418	<10	50
774	11448		sed	<5			<0.2	9	23	66	<1	14	10	0.2	<5	3	<5	0.041	3.04	349	<10	140
774	11449		pan	<5	<5	<1	<0.2	17	12	37	11	10	8	0.3	<5	<5	<5	0.011	2.16	348	<10	84
775	12039	rub	rand	<5			<0.2	9	11	33	<1	2	3	<0.2	7	<5	<5	<0.010	0.80	201	<10	16
775	12040	rub	rand	<5			<0.2	9	13	12	2	5	<1	<0.2	<5	<5	<5	<0.010	0.61	105	<10	13
776	12041	flt	sel	<5			0.2	102	<2	72	6	3	4	<0.2	24	<5	<5	0.011	>10.00	156	<10	28
777	12023		pan	6	<5	2	<0.2	9	16	70	2	9	8	0.6	<5	<5	<5	<0.010	1.97	1001	<10	41
777	12024	rub	grab	<5			<0.2	4	6	29	<1	3	3	<0.2	<5	<5	<5	0.016	1.33	267	<10	14
778	12042	flt	sel	<5			<0.2	4	10	12	<1	5	1	<0.2	223	<5	<5	0.010	0.48	79	<10	13
779	12038		pan	<5	<5	3	<0.2	6	5	12	3	13	4	<0.2	<5	<5	<5	0.019	1.21	313	<10	23
780	12018		sed	<5			<0.2	6	10	68	<1	8	6	0.3	<5	7	<5	0.026	1.65	455	<10	90
780	12019		pan	10	7	4	<0.2	8	9	27	4	14	5	0.8	<5	5	<5	0.029	1.55	422	<10	41
780	12037	flt	sel	<5			<0.2	4	8	51	<1	4	7	0.3	<5	<5	<5	<0.010	1.52	470	<10	52
781	12035	rub	rand	<5			<0.2	14	12	31	<1	4	6	<0.2	<5	<5	<5	<0.010	1.71	447	<10	84
781	12036	flt	rand	<5			<0.2	84	28	24	4	4	6	<0.2	13	13	<5	0.011	1.66	403	<10	84

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
767	11483		pan	252	95	<20	<20	26	3.28	0.65	0.93	0.08	0.36	36	15	<2	20	8	5	<10	0.36	6		
768	12173	rub	sel	302	88	<20	<20	<1	2.84	>10.00	0.14	<0.01	<0.01	12	2	<2	5	6	13	<10	0.023	<1		
768	12174	rub	sel	462	9	<20	<20	<1	0.24	>10.00	<0.01	<0.01	<0.01	7	<1	<2	4	<1	<5	<10	<0.010	<1		
768	12176	otc	cont	9	256	<20	<20	<1	5.47	>10.00	0.07	<0.01	<0.01	4	3	3	1	21	22	<10	0.035	<1		
769	8001	rub	grab	3100		<200	<2	<5				0.22							15.0	<1		<500	<0.5	<0.5
769	8002	rub	grab	5020		<200	6	<5				0.20							5.2	<1		<500	<0.5	<0.5
769	11423	flt	sel	0.74%	<1	<20	<20	<1	0.03	>10.00	0.23	<0.01	<0.01	5	<1	<2	8	<1	<5	<10	<0.01	<1		
770	8003	flt	grab	140		1900	27	46				0.08							2.6	2		<500	15.0	66.5
770	8004	flt	grab	160		<200	<2	6				0.37							1.8	2		<500	12.0	55.0
770	11452	trn	sel	20	23	207	<20	56	4.64	0.17	0.05	<0.01	0.08	10	21	27	102	<1	<5	<10	<0.01	6		
770	11453	flt	sel	67	16	1833	<20	13	3.82	0.15	0.05	<0.01	0.11	8	10	18	114	<1	<5	<10	<0.01	3		
771	11450		sed	30	43	<20	<20	33	1.62	0.57	0.41	0.02	0.12	22	14	6	29	4	<5	<10	0.03	<1		
771	11451		pan	373	43	<20	81	409	2.48	0.34	0.52	0.14	0.55	13	80	6	39	6	<5	<10	0.13	16		
772	11478		sed	15	29	256	<20	28	1.17	0.37	0.32	0.01	0.13	17	18	6	31	4	<5	<10	0.04	1		
772	11479		pan	356	42	90	506	680	2.11	0.31	0.27	0.12	0.51	<1	99	10	36	11	<5	<10	0.07	13		
772	11480		sed	16	30	13	<20	42	1.11	0.37	0.35	0.01	0.12	14	16	3	21	4	<5	<10	0.04	<1		
772	11481		pan	278	24	<20	175	409	1.55	0.23	0.56	0.11	0.42	<1	58	3	26	6	<5	<10	0.14	10		
772	12043		sed	21	34	6	26	30	1.72	0.53	0.30	0.01	0.14	20	16	7	36	4	<5	<10	0.042	2		
772	12044		pan	419	23	504	67	129	1.06	0.35	0.17	0.03	0.25	6	22	8	36	3	<5	<10	0.059	11		
772	12045	flt	sel	263	23	12	<20	7	1.67	0.46	0.60	0.15	0.34	19	6	3	13	<1	<5	<10	0.073	2		
772	12046	otc	rand	175	30	<20	<20	23	1.59	0.66	0.06	0.03	0.22	11	7	<2	19	1	<5	<10	<0.010	7		
773	11680		sed	8	23	<20	24	41	1.16	0.23	0.29	0.02	0.14	17	19	11	36	4	<5	<10	0.04	1		
773	11681		pan	372	11	<20	34	79	0.83	0.10	0.14	0.11	0.42	10	16	5	32	2	<5	<10	0.06	13		
773	11682		pan	370	17	3289	310	370	0.83	0.12	0.17	0.09	0.39	<1	54	8	31	6	<5	<10	0.06	13		
774	11448		sed	21	46	<20	<20	61	1.92	0.54	0.32	0.01	0.30	17	33	8	42	6	<5	<10	0.11	<1		
774	11449		pan	348	32	<20	<20	97	1.80	0.22	0.27	0.18	0.68	11	34	<2	31	5	<5	<10	0.16	4		
775	12039	rub	rand	131	5	15	<20	10	0.76	0.09	0.31	0.06	0.35	4	6	3	70	2	<5	<10	0.028	10		
775	12040	rub	rand	237	4	5	<20	18	0.72	0.03	0.03	0.02	0.35	2	7	3	10	<1	<5	<10	<0.010	12		
776	12041	flt	sel	117	24	355	94	3	0.89	0.02	0.04	<0.01	0.16	9	3	70	21	<1	<5	<10	0.018	<1		
777	12023		pan	251	24	7	<20	29	1.07	0.41	0.22	0.04	0.20	17	8	3	33	3	<5	<10	0.076	2		
777	12024	rub	grab	157	10	28	<20	12	0.78	0.18	0.12	0.06	0.25	3	8	4	32	<1	<5	<10	0.033	8		
778	12042	flt	sel	165	4	14	<20	9	0.63	0.04	0.24	0.05	0.23	3	8	2	19	<1	<5	<10	<0.010	16		
779	12038		pan	568	8	20	86	37	0.50	0.05	0.04	0.04	0.25	<1	12	<2	31	2	<5	<10	0.055	8		
780	12018		sed	10	22	6	<20	24	1.07	0.27	0.21	<0.01	0.10	14	8	2	19	3	<5	<10	0.037	1		
780	12019		pan	472	16	149	21	66	0.65	0.16	0.17	0.04	0.18	13	10	2	18	2	<5	<10	0.046	4		
780	12037	flt	sel	111	22	8	<20	31	1.32	0.46	0.44	0.08	0.56	44	9	3	29	2	<5	<10	0.090	3		
781	12035	rub	rand	126	21	<4	<20	36	1.35	0.45	0.88	0.04	0.48	87	12	<2	13	2	<5	<10	0.110	3		
781	12036	flt	rand	128	21	<4	<20	22	1.25	0.39	0.63	0.04	0.49	74	9	<2	12	2	<5	<10	0.118	4		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
782	12017	65.80658	151.30807	Peak 3955	rub	sel	qz mica sch w/ cpy(?), lim	Tanana D-3	SE 4	11N	18W	Fairbanks
783	12030	65.85201	151.41382	Torment Ck		sed		Tanana D-3	SE 24	12N	19W	Fairbanks
783	12031	65.85201	151.41382	Torment Ck		pan	chm blk sand(?)	Tanana D-3	SE 24	12N	19W	Fairbanks
784	11446	65.86062	151.63674	Ishtalitna Ck		sed		Tanana D-4	NE 24	12N	20W	Fairbanks
784	11447	65.86062	151.63674	Ishtalitna Ck		pan		Tanana D-4	NE 24	12N	20W	Fairbanks
785	12028	65.89034	151.62757	Ishitalitna Ck		sed		Tanana D-4	SE 1	12N	20W	Fairbanks
785	12029	65.89034	151.62757	Ishitalitna Ck		pan	tr mag, chm blk sand(?)	Tanana D-4	SE 1	12N	20W	Fairbanks
786	12027	65.90011	151.60653	Ishitalitna Ck trib		pan	chm blk sand(?)	Tanana D-4	NW 6	12N	19W	Fairbanks
787	12025	65.90131	151.58878	Ishitalitna Ck		sed		Tanana D-4	NE 6	12N	19W	Fairbanks
787	12026	65.90131	151.58878	Ishitalitna Ck		pan	minor mag, chm blk sand(?)	Tanana D-4	NE 6	12N	19W	Fairbanks
788	11475	65.90373	151.53151	Ishtalitna Ck		sed		Tanana D-4	SE 34	13N	19W	Fairbanks
788	11476	65.90372	151.53151	Ishtalitna Ck		pan	mod mag	Tanana D-4	SE 34	13N	19W	Fairbanks
788	11477	65.90372	151.53151	Ishtalitna Ck	flt	sel	blk w/ <1% po, tr cpy	Tanana D-4	SE 34	13N	19W	Fairbanks
789	11472	65.96427	151.87867	Peak 1458	otc	sel	dunite w/ massive chm, serp	Tanana D-4	SW 7	13N	20W	Fairbanks
789	11473	65.96417	151.88615	Peak 1458	rub	sel	dunite w/ 0.5-ft-wide chm, serp	Tanana D-4	SE 12	13N	21W	Fairbanks
789	12070	65.96235	151.88958	Peak 1458	otc	cont	dunite, peridotite, serpentine	Tanana D-4	SE 12	13N	21W	Fairbanks
789	12100	65.96218	151.88783	Peak 1458	otc	cont	dunite, peridotite, serpentine	Tanana D-4	SE 12	13N	21W	Fairbanks
789	12101	65.96174	151.88882	Peak 1458	flt	sel	chm-bearing float	Tanana D-4	SE 12	13N	21W	Fairbanks
790	12047	65.96628	151.85173	Kanuti Kilolitna R	otc	rand	fine-grained dunite w/ chm	Tanana D-4	SE 7	13N	20W	Fairbanks
790	12048	65.96587	151.85003	Kanuti Kilolitna R		pan		Tanana D-4	SE 7	13N	20W	Fairbanks
791	12034	65.97154	151.84996	Peak 2360	rub	grab	fresh gneiss(?) w/ fine qz	Tanana D-4	NE 7	13N	20W	Fairbanks
792	12032	65.97598	151.83941	Peak 2360	otc	sel	serp dunite	Tanana D-4	SW 5	13N	20W	Fairbanks
792	12033	65.97465	151.84133	Peak 2360	otc	sel	5% flt in dunite	Tanana D-4	NW 8	13N	20W	Fairbanks
793	12068	66.00452	151.77293	Kanuti Kilolitna R trib	otc	cont	interbedded dunite & peridotite	Bettles A-4	SW 27	14N	20W	Fairbanks
793	12069	66.00206	151.77907	Kanuti Kilolitna R trib	rub	sel	dunite w/ <1% chm	Bettles A-4	NW 34	14N	20W	Fairbanks
794	12066	66.01218	151.78523	Kanuti Kilolitna R trib	rub	rand	qz(?) & peridoitte	Bettles A-4	NE 28	14N	20W	Fairbanks
794	12067	66.01033	151.77873	Kanuti Kilolitna R trib	rub	rand	dunite w/ <1% chm	Bettles A-4	SE 28	14N	20W	Fairbanks
795	12049	66.01218	151.80037	Kanuti Kilolitna R trib	otc	rand	pyroxenite-peridotite w/ mag, chm	Bettles A-4	NW 28	14N	20W	Fairbanks
796	12257	65.84961	152.40330	Holanada, Peak 2770	flt	sel	andesite w/ 2-3% fine mag, lim	Tanana D-5	SW 20	12N	23W	Fairbanks
797	12256	65.85455	152.40295	Holanada	flt	sel	qtz w/ 1% fine diss py, lim	Tanana D-5	S 20	12N	23W	Fairbanks
798	12258	65.86171	152.39709	Holanada	flt	sel	granite w/ gar	Tanana D-5	S 17	12N	23W	Fairbanks
799	11424	65.87068	152.42674	Holanada	rub	sel	dunite w/ banded chm	Tanana D-5	NE 18	12N	23W	Fairbanks
800	11345	65.87174	152.39669	Holanada, Peak 2358	flt	sel	dunite w/ banded chm	Tanana D-5	NE 17	12N	23W	Fairbanks
801	12274	65.87063	152.31229	Holanada		pan	tr mag	Tanana D-5	NE 15	12N	23W	Fairbanks
801	12275	65.87063	152.31229	Holanada		sed		Tanana D-5	NE 15	12N	23W	Fairbanks
802	12271	65.87873	152.34316	Holanada, Peak 2570	otc	cont	dunite & peridotite w/ chm	Tanana D-5	SW 10	12N	23W	Fairbanks
802	12272	65.87848	152.33931	Holanada, Peak 2570	rub	sel	chm layers in dunite	Tanana D-5	SW 10	12N	23W	Fairbanks
802	12273	65.87622	152.33169	Holanada, Peak 2570	otc	rand	peridotite w/ interlayered dunite	Tanana D-5	SW 10	12N	23W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
782	12017	rub	sel	<5			0.3	17	66	109	2	7	1	<0.2	<5	10	<5	0.045	0.63	46	<10	435
783	12030		sed	9			<0.2	16	15	84	<1	19	11	0.4	<5	27	<5	0.033	2.45	545	<10	135
783	12031		pan	45	<5	2	<0.2	23	18	54	3	24	11	0.4	<5	53	<5	0.031	3.05	601	<10	68
784	11446		sed	<5			<0.2	9	9	62	<1	11	8	<0.2	<5	<5	<5	0.029	2.14	311	<10	124
784	11447		pan	7	<5	<1	<0.2	9	7	30	1	8	6	<0.2	<5	<5	<5	0.014	1.82	431	<10	113
785	12028		sed	38			<0.2	8	9	70	1	10	9	<0.2	<5	<5	<5	0.029	2.19	405	<10	132
785	12029		pan	<5	<5	2	<0.2	8	6	32	2	8	9	<0.2	<5	6	<5	0.036	2.01	534	<10	62
786	12027		pan	<5	<5	2	<0.2	19	8	76	2	38	15	0.3	<5	5	<5	0.037	3.29	498	<10	94
787	12025		sed	6			<0.2	9	9	81	1	14	9	0.3	<5	<5	<5	0.031	2.18	404	<10	138
787	12026		pan	<5	<5	1	<0.2	5	8	37	2	11	10	0.3	<5	20	<5	0.025	2.29	612	<10	69
788	11475		sed	<5			<0.2	10	11	74	1	14	8	0.2	<5	<5	<5	0.035	2.31	406	<10	135
788	11476		pan	<5	<5	<1	<0.2	11	8	40	9	12	12	0.2	<5	5	<5	<0.010	2.14	585	<10	102
788	11477	flt	sel	6			<0.2	103	10	28	2	27	10	0.4	<5	11	<5	<0.010	1.41	225	<10	60
789	11472	otc	sel	<5	<5	4	<0.2	2	<2	7	2	59	4	<0.2	<5	<5	<5	0.011	0.55	111	<10	3
789	11473	rub	sel	<5	<5	3	<0.2	7	<2	12	<1	1525	34	0.3	<5	<5	<5	0.017	2.73	348	<10	4
789	12070	otc	cont	<5	5	<1	<0.2	1	<2	31	<1	465	67	<0.2	<5	<5	<5	0.015	4.85	710	<10	4
789	12100	otc	spec	<5	5	1	<0.2	2	<2	32	<1	1100	114	<0.2	<5	<5	<5	0.012	7.94	1086	<10	2
789	12101	flt	sel	6			<0.2	5	<2	22	<1	1840	68	<0.2	<5	<5	<5	0.011	4.02	631	<10	<1
790	12047	otc	rand	<5			<0.2	5	<2	14	<1	1371	49	<0.2	<5	<5	<5	0.018	2.24	312	<10	2
790	12048		pan	710	11	3	<0.2	10	5	34	2	394	21	0.2	<5	9	<5	0.038	2.82	551	<10	50
791	12034	rub	grab	<5			0.4	41	<2	27	<1	22	27	<0.2	<5	<5	<5	<0.010	4.83	653	<10	886
792	12032	otc	sel	6			<0.2	21	<2	34	<1	1858	85	<0.2	<5	<5	<5	0.016	5.44	786	<10	5
792	12033	otc	cont	6			<0.2	4	<2	17	<1	648	35	<0.2	<5	<5	<5	0.024	2.00	350	<10	6
793	12068	otc	cont	<5	6	7	<0.2	20	<2	33	<1	2053	88	<0.2	<5	<5	<5	0.017	5.14	745	<10	3
793	12069	rub	sel	<5	12	3	<0.2	4	<2	42	<1	2210	107	<0.2	<5	<5	<5	0.015	6.03	829	<10	2
794	12066	rub	rand	<5	<5	1	1.1	25	<2	39	<1	7	9	<0.2	<5	<5	<5	<0.010	2.36	463	<10	57
794	12067	rub	rand	<5	<5	<1	<0.2	4	<2	45	<1	2307	105	<0.2	<5	<5	<5	0.015	6.42	893	<10	6
795	12049	otc	rand	<5	12	8	<0.2	20	<2	36	<1	1819	82	<0.2	<5	<5	<5	0.014	4.99	696	<10	6
796	12257	flt	sel	<5	11	3	<0.2	97	<2	25	<1	29	11	<0.2	<5	<5	<5	<0.010	3.30	284	<10	71
797	12256	flt	sel	10	<5	3	0.5	95	7	230	3	288	56	0.2	<5	<5	<5	<0.010	3.51	419	<10	140
798	12258	flt	sel	6			<0.2	3	16	41	<1	4	<1	<0.2	<5	<5	<5	<0.010	0.68	281	<10	30
799	11424	rub	sel	<5	<5	6	<0.2	4	7	25	<1	1390	85	0.3	<5	<5	<5	<0.010	6.36	819	<10	2
800	11445	flt	sel	<5	10	6	<0.2	3	<2	25	<1	1762	69	0.2	<5	<5	<5	<0.010	3.57	736	<10	3
801	12274		pan	<5	<5	<1	<0.2	18	12	55	2	31	12	0.3	<5	6	<5	0.011	2.52	680	<10	135
801	12275		sed	<5			<0.2	20	8	102	1	54	19	0.2	<5	<5	<5	0.040	2.54	725	<10	217
802	12271	otc	cont	<5	5	<1	<0.2	3	<2	29	<1	945	91	<0.2	<5	<5	<5	<0.010	5.82	849	<10	1
802	12272	rub	sel	<5	<5	1	<0.2	4	<2	7	<1	1199	14	0.2	<5	<5	<5	0.011	1.39	259	<10	2
802	12273	otc	rand	<5	5	<1	<0.2	1	<2	16	<1	463	55	<0.2	<5	<5	<5	0.010	3.72	548	<10	4

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
782	12017	rub	sel	276	7	<4	<20	8	0.36	0.05	0.04	0.01	0.17	3	2	<2	2	<1	<5	<10	<0.010	3		
783	12030		sed	18	30	7	<20	24	1.47	0.54	0.32	<0.01	0.11	18	8	2	15	3	<5	<10	0.033	<1		
783	12031		pan	286	23	288	<20	76	1.17	0.31	0.23	0.03	0.18	16	11	3	15	2	<5	<10	0.049	4		
784	11446		sed	15	34	<20	<20	28	1.44	0.46	0.39	0.01	0.17	16	12	3	32	4	<5	<10	0.07	<1		
784	11447		pan	345	21	<20	<20	43	1.99	0.21	0.35	0.23	0.70	26	20	<2	28	4	<5	<10	0.16	4		
785	12028		sed	13	32	<20	<20	33	1.50	0.41	0.36	0.01	0.14	17	13	3	27	4	<5	<10	0.077	<1		
785	12029		pan	241	27	<20	31	90	0.82	0.25	0.35	0.08	0.29	10	33	<2	31	6	<5	<10	0.260	4		
786	12027		pan	399	38	6	<20	12	1.65	0.79	0.23	0.02	0.12	16	8	2	10	3	<5	<10	0.078	3		
787	12025		sed	18	34	<4	<20	33	1.56	0.46	0.42	0.01	0.12	19	13	4	25	4	<5	<10	0.074	<1		
787	12026		pan	279	30	44	30	103	1.00	0.31	0.47	0.04	0.28	6	42	<2	28	6	<5	<10	0.281	5		
788	11475		sed	19	39	<20	<20	38	1.53	0.51	0.48	0.02	0.15	22	12	4	32	4	<5	<10	0.07	<1		
788	11476		pan	284	38	<20	<20	91	1.98	0.35	0.59	0.16	0.54	21	54	<2	32	8	<5	<10	0.31	8		
788	11477	flt	sel	71	67	<20	<20	11	3.93	0.42	3.11	0.28	0.04	221	7	4	4	4	<5	<10	0.16	<1		
789	11472	otc	sel	28.80%	4	<20	<20	<1	0.09	1.19	<0.01	<0.01	<0.01	<1	<1	<2	<1	<1	<5	<10	<0.01	<1		
789	11473	rub	sel	11.94%	<1	<20	<20	<1	0.01	>10.00	0.21	<0.01	<0.01	8	<1	<2	<1	<1	<5	<10	<0.01	<1		
789	12070	otc	cont	532	17	<20	<20	<1	0.12	>10.00	1.06	<0.01	<0.01	2	<1	<2	1	<1	9	<10	<0.010	<1		
789	12100	otc	spec	139	6	<20	<20	<1	0.03	>10.00	0.18	<0.01	<0.01	<1	<1	<2	1	<1	<5	<10	<0.010	<1		
789	12101	flt	sel	5.66%	3	<20	<20	<1	0.01	>10.00	0.05	<0.01	<0.01	<1	<1	<2	1	<1	<5	<10	<0.010	<1		
790	12047	otc	rand	16.43%	3	<20	<20	<1	0.04	>10.00	0.07	<0.01	<0.01	<1	<1	<2	1	<1	<5	<10	<0.010	<1		
790	12048		pan	562	20	<20	59	173	0.72	4.36	0.27	0.03	0.10	<1	31	<2	10	2	<5	<10	0.143	9		
791	12034	rub	grab	30	151	<20	<20	1	6.64	1.24	5.05	0.74	0.06	188	8	<2	10	8	14	<10	0.156	<1		
792	12032	otc	sel	785	23	<20	<20	<1	0.47	>10.00	0.08	<0.01	<0.01	<1	<1	<2	2	<1	5	<10	<0.010	<1		
792	12033	otc	cont	489	8	<20	<20	<1	0.12	6.31	0.11	<0.01	<0.01	<1	<1	<2	4	<1	<5	<10	<0.010	<1		
793	12068	otc	cont	367	12	<20	<20	<1	0.21	>10.00	0.11	0.01	<0.01	<1	<1	<2	2	<1	<5	<10	<0.010	<1		
793	12069	rub	sel	216	7	<20	<20	<1	0.10	>10.00	0.07	<0.01	<0.01	<1	<1	<2	1	<1	<5	<10	<0.010	<1		
794	12066	rub	rand	14	61	<20	<20	3	1.73	0.71	>10.00	5.21	0.09	28	4	<2	17	4	5	<10	0.085	<1		
794	12067	rub	rand	92	5	<20	<20	<1	0.05	>10.00	0.08	0.01	<0.01	<1	<1	<2	2	<1	<5	<10	<0.010	<1		
795	12049	otc	rand	372	13	<20	<20	<1	0.18	>10.00	0.07	<0.01	<0.01	<1	<1	<2	1	<1	<5	<10	<0.010	<1		
796	12257	flt	sel	73	134	<20	<20	3	2.23	0.77	1.88	0.32	0.05	46	8	4	4	11	7	<10	0.270	<1		
797	12256	flt	sel	116	37	<20	<20	28	2.76	0.86	2.26	0.24	0.10	67	28	8	39	<1	<5	<10	0.183	<1		
798	12258	flt	sel	100	2	<20	<20	18	0.55	0.03	0.02	0.07	0.33	2	19	4	143	6	<5	<10	0.021	18		
799	11424	rub	sel	2.06%	<1	<20	<20	<1	<0.01	>10.00	0.04	<0.01	<0.01	4	<1	<2	<1	<1	<5	<10	<0.01	<1		
800	11443	flt	sel	2.78%	<1	<20	<20	<1	<0.01	>10.00	0.26	<0.01	<0.01	6	<1	<2	<1	<1	<5	<10	<0.01	<1		
801	12274		pan	431	46	<20	<20	56	1.43	0.47	0.38	0.07	0.28	26	15	3	18	4	<5	<10	0.122	3		
801	12275		sed	30	56	<20	<20	13	1.74	0.72	0.46	0.02	0.09	33	8	3	23	4	<5	<10	0.059	<1		
802	12271	otc	cont	87	2	<20	<20	<1	0.01	10.00	0.11	<0.01	<0.01	<1	<1	<2	<1	<1	<5	<10	<0.010	<1		
802	12272	rub	sel	1098	<1	<20	<20	<1	0.03	8.59	0.09	<0.01	<0.01	<1	<1	<2	<1	<1	<5	<10	<0.010	<1		
802	12273	otc	rand	190	9	<20	<20	<1	0.06	9.49	0.40	<0.01	<0.01	<1	<1	<2	<1	<1	5	<10	<0.010	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
803	11444	65.88033	152.35874	Holanada	otc	spec	dunite w/ banded chm	Tanana D-5	SE 9	12N	23W	Fairbanks
803	11474	65.88174	152.34919	Holanada	rub	sel	dunite w/ abu chm, serp	Tanana D-5	NE 9	12N	23W	Fairbanks
803	11425	65.88340	152.36335	Holanada	otc	sel	dunite w/ banded chm	Tanana D-5	NE 9	12N	23W	Fairbanks
804	12270	65.88369	152.36447	Holanada	rub	sel	banded chm	Tanana D-5	NE 9	12N	23W	Fairbanks
805	12268	65.88895	152.37981	Holanada	otc	sand	dunite w/ minor peridotite	Tanana D-5	SW 4	12N	23W	Fairbanks
805	12269	65.88681	152.36984	Holanada	rub	sel	dunite w/ chm stringers	Tanana D-5	NW 9	12N	23W	Fairbanks
806	12267	65.89241	152.39558	Holanada	otc	sand	dunite w/ serp fracture surfaces	Tanana D-5	SE 5	12N	23W	Fairbanks
807	10619	66.01382	153.03801	Gen Ck		sed		Hughes A-1	NE 18	7N	27E	Kateel River
807	10620	66.01382	153.03801	Gen Ck		pan		Hughes A-1	NE 18	7N	27E	Kateel River
808	10565	66.26747	152.87728	Lake Todatonten		sed		Bettles B-6	SE 27	17N	25W	Fairbanks
809	10564	66.26705	152.87583	Lake Todatonten		sed	unidentifiable 5 mm rock chips	Bettles B-6	SE 27	17N	25W	Fairbanks
810	10563	66.22313	152.88901	Lake Todatonten		sed		Bettles A-6	SW 8	16N	25W	Fairbanks
811	10562	66.22492	152.92533	Lake Todatonten		sed		Bettles A-6	SW 7	16N	25W	Fairbanks
812	10561	66.22492	152.92533	Lake Todatonten		sed		Bettles A-6	SW 7	16N	25W	Fairbanks
813	10586	66.20408	152.80473	Lake Todatonten	flt	grab	medium to fine grained gwy	Bettles A-6	NE 22	16N	25W	Fairbanks
813	10587	66.20408	152.80473	Lake Todatonten		soil	clayey soil	Bettles A-6	NE 22	16N	25W	Fairbanks
814	10584	66.20348	152.80889	Lake Todatonten	flt	grab	slts, coarse-grained gwy	Bettles A-6	NE 22	16N	25W	Fairbanks
814	10585	66.20348	152.80889	Lake Todatonten		soil	clayey soil	Bettles A-6	NE 22	16N	25W	Fairbanks
815	10567	66.18670	153.02370	Lake Todatonten	rub	grab	gwy	Hughes A-1	NW 13	9N	27E	Kateel River
816	10566	66.18330	153.02764	Lake Todatonten	rub	grab	fissle gwy and slts	Hughes A-1	SE 13	9N	27E	Kateel River
817	10559	66.18480	152.85300	Lake Todatonten		sed		Bettles A-6	SW 28	16N	25W	Fairbanks
817	10560	66.18480	152.85300	Lake Todatonten		pan	mod mag	Bettles A-6	SW 28	16N	25W	Fairbanks
818	10527	66.16320	152.84215	Lake Todatonten	flt	grab	fine grained gwy	Bettles A-6	SE 33	16N	25W	Fairbanks
818	10528	66.16320	152.84215	Lake Todatonten		soil	clayey soil	Bettles A-6	SE 33	16N	25W	Fairbanks
819	10580	66.16272	152.84220	Lake Todatonten	flt	grab	gwy or slts w/ graded bedding	Bettles A-6	SE 33	16N	25W	Fairbanks
819	10581	66.16272	152.84220	Lake Todatonten		soil	clayey soil	Bettles A-6	SE 33	16N	25W	Fairbanks
820	10582	66.15972	152.85056	Lake Todatonten	flt	grab	50 % slts, 50 % mudstone	Bettles A-6	NE 4	15N	25W	Fairbanks
820	10583	66.15972	152.85056	Lake Todatonten		soil	low clay content	Bettles A-6	NE 4	15N	25W	Fairbanks
821	10557	66.13989	152.85560	Lake Todatonten		pan	abu mag, abu qz grains	Bettles A-6	NW 9	15N	25W	Fairbanks
821	10558	66.13989	152.85560	Lake Todatonten		sed		Bettles A-6	NW 9	15N	25W	Fairbanks
822	10571	66.12132	152.83937	Lake Todatonten	rub	grab	gwy w/ shale partings	Bettles A-6	SE 16	15N	25W	Fairbanks
823	10568	66.12013	152.83819	Lake Todatonten	rub	grab	slightly calc gwy	Bettles A-6	SE 16	15N	25W	Fairbanks
824	10569	66.11764	152.84021	Lake Todatonten	rub	grab	blk, fissle shale; minor gwy	Bettles A-6	NE 21	15N	25W	Fairbanks
825	10570	66.11926	152.84288	Lake Todatonten		soil	red-brn clayey soil w/ shale chips	Bettles A-6	SE 16	15N	25W	Fairbanks
826	10555	66.12826	152.87816	Lake Todatonten		sed		Bettles A-6	NW 17	15N	25W	Fairbanks
826	10556	66.12826	152.87816	Lake Todatonten		pan	minor mag, abu qz grains	Bettles A-6	NW 17	15N	25W	Fairbanks
826	10945	66.12794	152.87891	Lake Todatonten		sed	confirmation sample	Bettles A-6	NW 17	15N	25W	Fairbanks
826	10946	66.12794	152.87891	Lake Todatonten		pan	confirmation sample	Bettles A-6	NW 17	15N	25W	Fairbanks

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
803	11444	otc	spac	<5	<5	5	<0.2	5	2	18	<1	1391	65	0.3	<5	<5	<5	<0.010	4.88	645	<10	5
803	11474	rub	sel	<5	<5	5	<0.2	4	<2	7	<1	753	12	<0.2	<5	<5	<5	0.010	1.50	263	<10	9
804	11425	otc	sel	<5	<5	7	<0.2	8	7	25	<1	1908	76	0.3	<5	<5	<5	<0.010	4.73	657	<10	2
804	12270	rub	sel	<5	<5	<1	<0.2	8	<2	14	3	2198	45	<0.2	<5	<5	<5	0.026	3.39	488	<10	5
805	12268	otc	rand	<5	6	7	<0.2	6	<2	33	<1	2052	94	<0.2	<5	<5	<5	0.017	5.87	772	<10	3
805	12269	rub	scl	<5	<5	2	<0.2	13	<2	29	1	2143	100	0.3	<5	<5	<5	0.029	8.38	1122	<10	2
806	12267	otc	rand	7	6	5	<0.2	11	<2	33	2	2159	96	<0.2	<5	<5	<5	0.017	5.65	768	<10	2
807	10619		sed	<5			<0.2	23	8	90	<1	38	17	0.2	<5	7	<5	0.055	3.31	415	<10	183
807	10620		pan	<5			<0.2	51	22	139	<1	88	40	0.3	<5	16	<5	0.040	7.57	1065	<10	179
808	10565		sed	<5			<0.2	21	9	87	<1	38	15	0.2	<5	9	<5	0.041	3.83	280	<10	116
809	10564		sed	<5			<0.2	23	10	84	<1	35	13	0.2	<5	10	<5	0.061	3.58	264	<10	147
810	10563		sed	<5			<0.2	36	10	98	<1	45	16	0.2	<5	8	<5	0.166	3.95	322	<10	161
811	10562		sed	<5			<0.2	31	11	97	<1	40	15	0.4	<5	7	<5	0.125	3.81	326	<10	155
812	10561		sed	<5			<0.2	26	9	93	<1	38	15	0.3	<5	7	<5	0.049	3.36	516	<10	161
813	10586	flt	grab	<5			<0.2	37	7	109	<1	47	19	0.4	<5	7	<5	0.215	4.21	679	<10	123
813	10587		soil	9			<0.2	35	11	83	3	33	13	<0.2	<5	11	<5	0.067	5.59	387	<10	128
814	10584	flt	grab	<5			<0.2	32	9	85	<1	49	15	0.3	<5	6	<5	0.240	4.65	388	<10	103
814	10585		soil	<5			<0.2	30	14	59	2	19	6	<0.2	<5	38	<5	0.082	5.36	183	<10	140
815	10567	rub	grab	<5			<0.2	42	15	131	<1	60	27	0.3	<5	13	<5	0.042	5.41	688	<10	125
816	10566	rub	grab	<5			<0.2	44	16	144	<1	61	24	0.4	<5	12	<5	0.035	5.41	871	<10	132
817	10559		sed	<5			<0.2	20	7	70	<1	35	13	<0.2	<5	6	<5	0.091	2.74	244	<10	103
817	10560		pan	<5			<0.2	9	7	21	<1	16	7	<0.2	<5	<5	<5	0.021	1.24	146	<10	57
818	10527	flt	grab	<5			<0.2	54	8	118	<1	74	28	0.5	<5	6	<5	0.137	5.18	762	<10	210
818	10528		soil	<5			<0.2	21	9	77	1	21	11	<0.2	<5	11	<5	0.059	3.80	351	<10	142
819	10580	flt	grab	<5			<0.2	67	7	107	<1	77	28	0.4	<5	13	<5	0.196	6.04	724	<10	114
819	10581		soil	<5			<0.2	18	7	86	<1	27	11	<0.2	<5	9	<5	0.034	3.92	318	<10	136
820	10582	flt	grab	<5			<0.2	60	9	104	<1	55	18	0.2	<5	10	<5	0.139	5.02	439	<10	109
820	10583		soil	<5			0.2	14	9	69	1	15	10	<0.2	<5	8	<5	0.037	3.19	934	<10	156
821	10557		pan	<5			<0.2	8	9	41	1	16	9	<0.2	<5	6	<5	0.017	1.84	282	<10	48
821	10558		sed	<5			<0.2	17	6	65	<1	33	11	<0.2	<5	<5	<5	0.120	2.59	223	<10	91
822	10571	rub	grab	8			<0.2	42	11	99	1	56	23	0.4	<5	9	<5	0.179	4.54	1422	<10	122
823	10568	rub	grab	<5			<0.2	53	8	120	<1	73	30	0.4	<5	7	<5	0.182	5.66	896	<10	171
824	10569	rub	grab	<5			<0.2	69	14	132	<1	66	17	0.4	<5	14	<5	0.132	5.83	338	<10	125
825	10570		soil	<5			<0.2	14	11	94	<1	22	10	<0.2	<5	8	<5	0.050	3.77	799	<10	138
826	10555		sed	<5			0.2	40	9	108	<1	37	18	0.2	<5	8	<5	0.243	4.39	409	<10	142
826	10556		pan	397			<0.2	21	13	64	1	42	15	<0.2	<5	9	<5	0.045	3.65	359	<10	116
826	10945		sed	3			0.2	38	9	104	1	53	16	<0.2	<5	8	<5	0.261	4.04	473	<10	153
826	10946		pan	5	<5	1	<0.2	30	9	99	3	53	17	<0.2	<5	11	<5	0.073	4.67	476	<10	144

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
803	11444	otc	spac	5.74%	<1	<20	<20	<1	<0.01	>10.00	0.12	<0.01	<0.01	4	<1	<2	<1	<1	<5	<10	<0.01	<1		
803	11474	rub	sel	28.36%	2	<20	<20	<1	0.07	6.47	0.01	<0.01	<0.01	1	<1	<2	<1	<1	<5	<10	<0.01	<1		
804	11425	otc	sel	0.98%	<1	<20	<20	<1	<0.01	>10.00	0.06	<0.01	<0.01	3	<1	<2	<1	<1	<5	<10	<0.01	<1		
804	12270	rub	sel	896	1	<20	<20	<1	0.04	10.00	0.01	<0.01	<0.01	<1	<1	<2	<1	<1	<5	<10	<0.010	<1		
805	12268	otc	rand	177	6	<20	<20	<1	0.05	10.00	0.04	<0.01	<0.01	<1	<1	<2	1	<1	<5	<10	<0.010	<1		
805	12269	rub	sel	484	4	<20	<20	<1	0.09	10.00	0.07	<0.01	<0.01	<1	<1	<2	1	<1	<5	<10	<0.010	<1		
806	12267	otc	rand	180	5	<20	<20	<1	0.07	10.00	0.06	<0.01	<0.01	<1	<1	<2	<1	<1	<5	<10	<0.010	<1		
807	10619		sed	42	63	<20	<20	19	2.31	0.79	0.58	0.02	0.09	37	11	<2	24	4	6	<10	0.09	3		
807	10620		pan	107	106	<20	<20	17	3.42	1.83	0.46	0.02	0.15	21	10	8	50	12	9	<10	0.18	12		
808	10565		sed	40	64	<20	<20	21	2.14	0.71	0.45	0.01	0.06	36	10	<2	27	3	5	<10	0.10	5		
809	10564		sed	37	60	<20	<20	18	2.22	0.64	0.35	0.01	0.07	33	10	<2	25	3	5	<10	0.05	5		
810	10563		sed	50	70	<20	<20	16	2.73	0.80	0.32	0.01	0.09	23	11	4	34	4	7	<10	0.04	3		
811	10562		sed	43	59	<20	<20	17	2.46	0.74	0.43	0.02	0.09	34	11	3	30	4	6	<10	0.04	5		
812	10561		sed	38	57	<20	<20	16	2.14	0.69	0.48	0.02	0.09	27	10	<2	24	3	5	<10	0.05	4		
813	10586	flt	grab	92	89	<20	<20	8	2.23	1.46	0.42	0.02	0.12	14	9	5	35	10	8	<10	0.12	12		
813	10587		soil	59	120	<20	<20	10	2.82	0.69	0.10	<0.01	0.12	10	4	<2	39	8	7	<10	0.06	3		
814	10584	flt	grab	82	84	<20	<20	4	2.36	1.20	0.15	0.02	0.12	8	6	5	32	10	6	<10	0.03	11		
814	10585		soil	38	104	<20	<20	9	2.25	0.31	0.08	<0.01	0.06	10	2	7	20	3	<5	<10	<0.01	2		
815	10567	rub	grab	99	101	<20	<20	21	2.83	1.41	0.66	0.02	0.16	19	13	6	43	13	10	<10	0.28	24		
816	10566	rub	grab	93	78	<20	<20	25	2.91	1.24	0.59	0.02	0.16	19	13	6	42	10	8	<10	0.17	14		
817	10559		sed	39	52	<20	<20	14	1.80	0.66	0.44	0.01	0.07	30	8	<2	22	3	<5	<10	0.08	4		
817	10560		pan	127	24	<20	<20	16	0.66	0.21	0.30	0.03	0.07	16	8	<2	7	3	<5	<10	0.11	6		
816	10527	flt	grab	133	127	<20	<20	14	2.76	2.11	0.66	0.02	0.14	19	12	8	41	14	12	<10	0.35	20		
818	10528		soil	42	124	<20	<20	10	2.16	0.42	0.18	<0.01	0.06	11	3	<2	22	6	5	<10	0.18	3		
819	10580	flt	grab	127	137	<20	<20	17	3.13	2.28	0.81	0.02	0.14	15	11	6	44	15	13	<10	0.37	22		
819	10581		soil	43	99	<20	<20	12	2.30	0.53	0.19	<0.01	0.07	13	3	<2	29	5	<5	<10	0.12	3		
820	10582	flt	grab	76	87	<20	<20	13	2.70	1.38	0.35	0.01	0.13	11	9	6	33	11	7	<10	0.17	15		
820	10583		soil	34	93	<20	<20	14	1.96	0.31	0.16	<0.01	0.07	12	3	3	10	3	<5	<10	0.07	<1		
821	10557		pan	162	57	<20	<20	63	0.65	0.24	0.48	0.02	0.05	16	63	2	6	6	<5	<10	0.23	11		
821	10558		sed	38	51	<20	<20	15	1.60	0.63	0.38	0.01	0.06	19	8	<2	19	3	<5	<10	0.09	4		
822	10571	rub	grab	110	102	<20	<20	10	2.36	1.42	0.44	0.02	0.16	12	11	5	31	12	9	<10	0.20	16		
823	10568	rub	grab	115	119	<20	<20	13	2.93	1.86	0.72	0.02	0.15	21	13	6	43	13	12	<10	0.22	17		
824	10569	rub	grab	74	89	<20	<20	4	3.33	1.35	0.06	0.02	0.18	8	5	7	52	11	7	<10	<0.01	14		
825	10570		soil	38	87	<20	<20	12	2.55	0.38	0.12	<0.01	0.08	10	2	6	25	2	<5	<10	0.02	<1		
826	10555		sed	63	84	<20	<20	12	2.96	1.01	0.60	0.01	0.10	45	14	<2	41	4	9	<10	0.08	4		
826	10556		pan	148	72	<20	<20	17	1.88	0.72	0.48	0.04	0.14	24	8	4	25	8	6	<10	0.18	11		
826	10945		sed	58	82	<20	<20	13	2.61	1.07	0.64	0.01	0.10	42	13	3	43	1	7	<10	0.06	<1		
826	10946		pan	246	96	<20	<20	11	2.35	1.11	0.54	0.03	0.17	26	10	3	35	2	7	<10	0.17	7		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
827	10554	66.12387	152.92737	Lake Todatonten		sed		Bettles A-6	SW 18	15N	25W	Fairbanks
828	10578	66.12375	152.96874	Lake Todatonten	flt	grab	medium to fine grained gwy	Bettles A-6	SW 13	15N	26W	Fairbanks
828	10579	66.12375	152.96874	Lake Todatonten		soil	brn clayey soil, w/ gwy chips	Bettles A-6	SW 13	15N	26W	Fairbanks
829	10577	66.12068	152.97061	Lake Todatonten	flt	grab	medium to fine grained gwy	Bettles A-6	SW 13	15N	26W	Fairbanks
830	10575	66.11784	152.96970	Lake Todatonten	flt	grab	gwy, medium to fine grained	Bettles A-6	SW 13	15N	26W	Fairbanks
830	10576	66.11784	152.96970	Lake Todatonten		soil	red-orange soil w/ gwy chips	Bettles A-6	SW 13	15N	26W	Fairbanks
831	10572	66.11808	152.95426	Lake Todatonten	flt	grab	gwy	Bettles A-6	NE 24	15N	25W	Fairbanks
832	10573	66.11540	152.95989	Lake Todatonten	flt	grab	gwy, intermediate grain size	Bettles A-6	NE 24	15N	25W	Fairbanks
833	10574	66.11540	152.95989	Lake Todatonten		soil	red-brn clayey soil	Bettles A-6	NE 24	15N	25W	Fairbanks
834	10624	66.46623	153.60198	Discovery Ck		pan	3 pan comp, 1 fine Au, mag	Hughes B-2	SE 6	12N	25E	Kateel River
834	10625	66.46623	153.60198	Discovery Ck		sed		Hughes B-2	SE 6	12N	25E	Kateel River
835	10621	66.29454	153.89528	Red Mtn lode site	rub	rand	latite porph w/ <1% po, lim	Hughes B-1	SE 2	10N	23E	Kateel River
835	10622	66.29454	153.89528	Red Mtn lode site	otc	rand	qtz or v fine intr(?) w/ 1% po	Hughes B-1	SE 2	10N	23E	Kateel River
835	10623	66.29454	153.89528	Red Mtn lode site	flt	grab	latite porpyry	Hughes B-1	SE 2	10N	23E	Kateel River
836	12227	66.29111	153.86341	Red Mtn placer site		pan	1 fine, 12.6 fine Au	Hughes B-2	SW 1	10N	23E	Kateel River
837	10539	66.27022	153.82458	Fish Ck		pan	4 pan comp, mod mag	Hughes B-2	NW 18	10N	24E	Kateel River
837	10540	66.27022	153.82458	Fish Ck		sed		Hughes B-2	NW 18	10N	24E	Kateel River
838	10541	66.15546	153.93573	Atla Ck		sed		Hughes A-2	NW 27	9N	23E	Kateel River
838	10542	66.15546	153.93573	Atla Ck		pan	mod mag	Hughes A-2	NW 27	9N	23E	Kateel River
839	10606	66.08853	153.98147	Raven Ck		sed		Hughes A-2	NE 10	8N	23E	Kateel River
839	10607	66.08853	153.98147	Raven Ck		pan	mod mag	Hughes A-2	NE 10	8N	23E	Kateel River
840	10505	66.08333	153.91250	Raven Ck	flt	sel	meta gwy	Hughes A-2	NW 19	8N	24E	Kateel River
840	10626	66.08147	153.91753	Raven Ck	rub	sel	brecciated hfls, near intr	Hughes A-2	NE 27	8N	23E	Kateel River
840	10627	66.08147	153.91753	Raven Ck	flt	sel	banded hfls w/ lim, near intr	Hughes A-2	NE 27	8N	23E	Kateel River
840	10628	66.08502	153.91250	Raven Ck	rub	rand	hfls w/ lim, near intr contact	Hughes A-2	NW 19	8N	24E	Kateel River
840	10629	66.08502	153.91250	Raven Ck	rub	sel	hfls w/ lim, near intr contact	Hughes A-2	NW 19	8N	24E	Kateel River
841	10568	66.07531	153.81318	Indian R, upper		plac	1 fine and 20 v fine Au	Hughes A-2	SE 21	8N	24E	Kateel River
842	12189	66.08630	153.84351	Indian R, upper		sed		Hughes A-2	NE 20	8N	24E	Kateel River
842	12190	66.08630	153.84351	Indian R, upper		pan	minor fine mag, no vis Au	Hughes A-2	NE 20	8N	24E	Kateel River
843	12251	66.08493	153.83923	Black Ck		pan	abu fine mag	Hughes A-2	NE 20	8N	24E	Kateel River
844	10605	66.07992	153.84959	Black Ck	flt	sel	hfls w/ qz veins, <5% py	Hughes A-2	NE 20	8N	24E	Kateel River
845	11006	66.07859	153.85094	Black Ck	flt	sel	hfls w/ cpy, lim, MnO	Hughes A-2	SE 20	8N	24E	Kateel River
846	11005	66.07859	153.85094	Black Ck	rub	sel	hypabyssal dike w/ 2% cpy	Hughes A-2	SE 20	8N	24E	Kateel River
847	12195	66.07912	153.85775	Black Ck	rub	sel	hypabyssal intr w/ <1% po, lim	Hughes A-2	SE 20	8N	24E	Kateel River
848	10994	66.07851	153.86382	Black Ck	flt	sel	brecciated hfls w/ 1% cpy	Hughes A-2	SW 20	8N	24E	Fairbanks
848	10995	66.07851	153.86382	Black Ck	rub	sel	brecciated hfls w/ 1% cpy	Hughes A-2	SW 20	8N	24E	Fairbanks
849	11023	66.07958	153.86587	Black Ck	flt	sel	blk hfls w/ cpy	Hughes A-2	NW 20	8W	24E	Kateel River
850	11024	66.07995	153.86927	Black Ck	flt	sel	hfls w/ diss cpy(?)	Hughes A-2	NW 20	8W	24E	Kateel River

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
827	10554		sed	<5			<0.2	37	9	108	<1	52	18	0.3	<5	8	<5	0.129	3.78	434	<10	166
828	10578	flt	grab	<5			<0.2	50	13	100	<1	53	22	0.3	<5	13	<5	0.054	5.39	842	<10	102
828	10579		soil	<5			<0.2	14	8	39	1	12	4	<0.2	<5	7	<5	0.045	2.36	182	<10	58
829	10577	flt	grab	<5			<0.2	23	19	92	1	37	15	<0.2	<5	13	<5	0.023	3.48	464	<10	155
830	10575	flt	grab	<5			<0.2	42	8	118	<1	53	26	0.3	<5	10	<5	0.035	6.00	872	<10	145
830	10576		soil	<5			<0.2	16	8	114	<1	20	10	0.3	<5	7	<5	0.043	3.84	568	<10	169
831	10572	flt	grab	<5			<0.2	29	12	95	1	37	18	0.3	<5	7	<5	0.034	4.11	413	<10	104
832	10573	flt	grab	9			<0.2	45	8	107	1	52	27	0.4	<5	15	<5	0.042	5.36	890	<10	294
833	10574		soil	<5			<0.2	30	12	142	1	37	18	<0.2	<5	13	<5	0.032	4.94	630	<10	264
834	10624		pan	<5			<0.2	9	12	38	1	19	13	0.3	<5	10	<5	0.130	5.60	1701	<10	167
834	10625		sed	<5			<0.2	17	4	67	<1	29	13	<0.2	<5	6	<5	0.038	2.63	552	<10	87
835	10621	rub	rand	25			<0.2	55	5	38	3	23	11	<0.2	<5	20	<5	0.021	3.43	253	<10	151
835	10622	rub	rand	13			<0.2	66	<2	65	<1	69	22	<0.2	<5	9	<5	<0.010	5.74	362	<10	121
835	10623	flt	grab	13			<0.2	63	5	51	3	45	17	0.2	<5	19	<5	0.261	3.38	269	<10	106
836	12227		pan	3848	<5	<1	<0.2	19	13	85	2	29	11	0.4	<5	7	<5	0.021	7.29	2009	<10	57
837	10539		pan	309			<0.2	19	16	63	6	35	23	0.5	<5	33	<5	0.033	>10.00	1198	<10	102
837	10540		sed	<5			<0.2	24	7	87	<1	36	16	<0.2	<5	8	<5	0.042	3.63	469	<10	169
838	10541		sed	<5			<0.2	23	4	44	3	15	10	<0.2	<5	<5	<5	0.032	2.51	309	<10	283
838	10542		pan	<5			<0.2	9	9	34	8	18	16	0.3	<5	10	<5	0.018	>10.00	390	<10	87
839	10606		sed	<5			<0.2	27	3	47	1	31	12	<0.2	<5	9	<5	0.027	2.81	382	<10	149
839	10607		pan	22			<0.2	8	8	44	3	27	17	0.3	<5	10	<5	0.010	>10.00	503	<10	57
840	10505	flt	sel	<5			<0.2	40	4	64	1	18	21	0.5	<5	217	<5	<0.010	5.08	668	<10	468
840	10626	rub	sel	<5			<0.2	52	4	36	2	21	15	<0.2	<5	21	<5	<0.010	3.67	403	<10	243
840	10627	flt	sel	<5			<0.2	50	5	18	6	16	9	<0.2	<5	16	<5	<0.010	1.93	321	<10	78
840	10628	rub	rand	<5			<0.2	152	<2	41	3	28	28	0.3	<5	346	<5	<0.010	5.58	569	<10	326
840	10629	rub	sel	<5			<0.2	15	3	24	2	25	15	<0.2	<5	56	<5	<0.010	2.29	350	<10	76
841	10588		plac	24.32 ppm			<0.2	48	13	48	228	37	17	<0.2	<5	24	<5	0.053	>10.00	655	<10	95
842	12189		sed	<5			<0.2	24	6	44	<1	15	8	<0.2	<5	7	<5	0.035	2.28	292	<10	239
842	12190		pan	7	<5	<1	<0.2	19	30	32	2	15	9	0.4	<5	88	<5	<0.010	2.49	400	<10	201
843	12251		pan	1566	<5	<1	<0.2	69	3	45	3	32	16	0.4	<5	24	<5	0.088	9.72	483	<10	199
844	10605	flt	sel	12			3.5	2121	8	31	10	7	10	<0.2	473	20	7	0.015	3.68	207	45	134
845	11006	flt	sel	9			0.5	1336	<2	38	5	11	7	0.3	<5	111	<5	<0.010	5.54	597	<10	322
846	11005	rub	sel	16			0.6	888	3	15	9	3	3	<0.2	<5	9	<5	<0.010	1.49	152	<10	56
847	12195	rub	sel	<5			0.4	428	4	22	1	30	13	<0.2	<5	<5	<5	<0.010	2.88	203	<10	253
848	10994	flt	sel	31			2.3	1442	<2	43	3	12	10	<0.2	<5	8	<5	0.014	3.75	435	<10	242
848	10995	rub	sel	16			2.4	1661	<2	46	2	14	8	<0.2	<5	6	<5	0.012	3.40	423	<10	219
849	11023	flt	sel	2			<0.2	88	7	39	4	9	9	0.3	<5	71	<5	0.017	2.22	559	<10	64
850	11024	flt	sel	2			<0.2	89	<2	32	1	11	14	<0.2	<5	15	<5	<0.010	3.19	465	<10	138

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
827	10554		sed	52	69	<20	<20	17	3.48	0.90	0.63	0.02	0.10	37	13	<2	29	4	7	<10	0.09	5		
828	10578	flt	grab	79	91	<20	<20	19	2.89	1.28	0.51	0.02	0.18	15	12	6	36	11	9	<10	0.21	20		
828	10579		soil	25	85	<20	<20	13	1.81	0.24	0.18	<0.01	0.06	10	3	4	7	4	<5	<10	0.04	<1		
829	10577	flt	grab	68	67	<20	<20	34	2.11	1.13	0.62	0.02	0.22	22	10	5	26	8	7	<10	0.25	28		
830	10575	flt	grab	110	163	<20	<20	12	3.10	2.10	0.91	0.03	0.09	33	12	8	43	18	15	<10	0.34	23		
830	10576		soil	40	114	<20	<20	12	2.47	0.43	0.20	<0.01	0.07	16	3	3	27	4	<5	<10	0.11	1		
831	10572	flt	grab	61	45	<20	<20	16	2.25	0.89	0.39	0.02	0.18	11	11	5	30	6	<5	<10	0.16	11		
832	10573	flt	grab	95	140	<20	<20	16	2.82	1.92	1.15	0.03	0.13	44	14	7	41	16	15	<10	0.32	25		
833	10574		soil	54	126	<20	<20	11	3.32	0.80	0.29	<0.01	0.06	20	3	<2	45	5	7	<10	0.19	4		
834	10624		pan	115	98	<20	<20	160	1.96	0.40	1.49	0.01	0.03	38	43	7	9	10	15	<10	0.21	10		
834	10625		sed	30	54	<20	<20	15	1.69	0.70	0.63	<0.01	0.05	30	9	<2	20	3	5	<10	0.10	3		
835	10621	rub	rand	65	42	<20	<20	11	2.32	1.11	0.80	0.16	0.14	103	4	6	14	6	<5	<10	0.10	11		
835	10622	otc	rand	67	70	<20	<20	17	2.93	1.33	0.27	0.03	0.49	17	16	8	20	8	<5	<10	<0.01	9		
835	10623	flt	grab	74	41	<20	<20	12	2.13	1.14	1.03	0.12	0.16	78	6	4	13	6	<5	<10	0.08	13		
836	12227		pan	290	137	<20	<20	91	2.23	0.46	1.74	0.05	0.09	53	44	4	9	9	16	<10	0.234	8		
837	10539		pan	261	410	<20	36	1201	1.51	0.49	1.03	0.09	0.15	89	40	24	12	39	23	<10	0.23	19		
837	10540		sed	40	64	<20	<20	22	2.36	0.82	0.57	0.02	0.10	64	9	<2	28	4	5	<10	0.08	2		
838	10541		sed	20	59	<20	<20	22	2.00	0.55	0.58	0.04	0.12	96	5	<2	15	4	<5	<10	0.09	<1		
838	10542		pan	201	346	<20	81	512	0.57	0.19	0.47	0.05	0.07	42	11	15	4	32	8	<10	0.10	8		
839	10606		sed	44	75	<20	<20	25	1.93	0.72	0.48	0.02	0.22	58	6	<2	14	4	<5	<10	0.10	1		
839	10607		pan	185	323	<20	33	286	0.71	0.32	0.48	0.05	0.14	31	15	14	6	31	6	<10	0.15	9		
840	10505	flt	sel	65	123	<20	<20	15	2.78	1.51	0.53	0.20	1.74	25	11	7	23	14	13	<10	0.41	10		
840	10626	rub	sel	74	129	<20	<20	15	2.66	1.01	0.82	0.26	1.10	62	15	7	15	14	11	<10	0.31	7		
840	10627	flt	sel	125	54	<20	<20	15	0.95	0.49	0.60	0.11	0.22	24	11	2	7	6	7	<10	0.12	20		
840	10628	rub	rand	81	146	<20	<20	12	3.03	1.27	0.58	0.26	1.52	41	10	8	18	16	14	<10	0.34	6		
840	10629	rub	sel	101	76	<20	<20	16	1.74	0.55	1.21	0.26	0.49	37	10	4	7	9	<5	<10	0.26	6		
841	10588		plac	260	447	<20	1127	665	0.89	0.35	0.87	0.14	0.18	65	20	<2	6	31	11	<10	0.18	6		
842	12189		sed	16	52	<20	<20	15	1.42	0.49	0.35	0.02	0.20	99	5	3	14	4	<5	<10	0.083	<1		
842	12190		pan	233	56	<20	<20	44	1.09	0.38	0.37	0.11	0.34	67	6	3	10	3	<5	<10	0.105	3		
843	12251		pan	261	314	<20	<20	77	1.23	0.50	0.57	0.12	0.43	83	9	6	11	24	<5	<10	0.182	3		
844	10605	flt	sel	102	66	<20	<20	10	1.87	0.79	0.29	0.06	0.64	16	6	5	25	8	6	<10	0.13	5		
845	11006	flt	sel	105	204	<20	<20	6	2.62	1.71	0.14	0.08	2.07	17	4	5	20	<1	19	<10	0.39	<1		
846	11005	rub	sel	82	28	<20	<20	50	0.77	0.27	0.46	0.10	0.21	21	7	2	5	1	<5	<10	0.12	10		
847	12195	rub	sel	109	60	<20	<20	22	1.78	0.81	0.75	0.24	0.69	190	4	5	13	2	<5	<10	0.176	12		
848	10994	flt	sel	138	98	<20	<20	11	1.85	1.18	0.41	0.14	1.21	44	11	4	14	<1	10	<10	0.30	4		
848	10995	rub	sel	172	96	<20	<20	12	1.78	1.05	0.26	0.12	1.16	41	9	4	11	<1	10	<10	0.26	15		
849	11023	flt	sel	108	38	<20	<20	45	1.87	0.41	1.36	0.31	0.34	101	21	4	9	1	<5	<10	0.17	62		
850	11024	flt	sel	92	75	<20	<20	15	3.70	0.68	2.20	0.54	0.72	251	16	8	16	<1	7	<10	0.28	3		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
851	10959	66.07841	153.86562	Black Ck	flt	sel	hfls mdst w/ 2% po	Hughes A-2	SW 20	8N	24E	Kateel River
851	10960	66.07841	153.86562	Black Ck		sed		Hughes A-2	SW 20	8N	24E	Kateel River
852	10961	66.07773	153.86831	Black Ck	flt	sel	hfls mdst w/ py & po	Hughes A-2	SW 20	8N	24E	Kateel River
853	10962	66.07715	153.86886	Black Ck	rub	sel	hfls mdst, gwy breccia w/ 3% py	Hughes A-2	SW 20	8N	24E	Kateel River
853	10963	66.07715	153.86886	Black Ck	rub	sel	latitic dike w/ po(?), bio, qz feld	Hughes A-2	SW 20	8N	24E	Kateel River
854	10602	66.07636	153.85701	Black Ck		pan	1 fine Au, mod mag	Hughes A-2	SE 20	8N	24E	Kateel River
854	10603	66.07636	153.85701	Black Ck		sed		Hughes A-2	SE 20	8N	24E	Kateel River
854	10604	66.07636	153.85701	Black Ck	flt	grab	coarse arkosic ss w/ 10% py	Hughes A-2	SE 20	8N	24E	Kateel River
855	12194	66.07768	153.85810	Black Ck	rub	sel	hfls mdst xcut by qz w/ 1% cpy	Hughes A-2	SE 20	8N	24E	Kateel River
856	10958	66.07680	153.86271	Black Ck	flt	sel	diorite(?) w/ 5% po, lim	Hughes A-2	SE 20	8N	24E	Kateel River
857	10957	66.07508	153.85880	Black Ck	talus	sel	grey hfls w/ 1% py, tr cpy	Hughes A-2	SE 20	8N	24E	Kateel River
858	11003	66.07368	153.85334	Black Ck	rub	rep	gwy w/ diss cpy, lim, MnO	Hughes A-2	SE 20	8N	24E	Kateel River
858	11004	66.07368	153.85334	Black Ck	flt	sel	hfls w/ 5% cpy, lim, MnO	Hughes A-2	SE 20	8N	24E	Kateel River
859	12196	66.07405	153.85390	Black Ck	rub	sel	fine-grained intr w/ 2% po, cpy	Hughes A-2	SE 20	8N	24E	Kateel River
860	12197	66.07296	153.85474	Black Ck	rub	sel	diorite w/ <1% cpy, 2-3% po	Hughes A-2	SE 20	8N	24E	Kateel River
861	12198	66.07220	153.85376	Black Ck	rub	sel	diorite xcut by qz w/ py, po, box	Hughes A-2	NE 29	8N	24E	Kateel River
862	12203	66.07213	153.85366	Black Ck	rub	sel	diorite w/ 1-2% po	Hughes A-2	NE 29	8N	24E	Kateel River
863	11002	66.06858	153.85812	Black Ck	flt	sel	gwy w/ diss cpy, lim, MnO	Hughes A-2	NE 29	8N	24E	Kateel River
864	12202	66.06885	153.85892	Black Ck	rub	sel	arkosic gwy w/<1% po, tr cpy	Hughes A-2	NE 29	8N	24E	Kateel River
865	11001	66.06721	153.86047	Black Ck	rub	sel	hfls w/ 1% diss cpy, lim, MnO	Hughes A-2	NE 29	8N	24E	Kateel River
866	12201	66.06648	153.86504	Black Ck	rub	sel	hfls w/ 2-3% py, abu lim	Hughes A-2	NW 29	8N	24E	Kateel River
867	12185	66.06822	153.86138	Black Ck	flt	sel	meta gwy w/ finely diss po, ep	Hughes A-2	NW 29	8N	24E	Kateel River
868	12200	66.06890	153.86642	Black Ck	otc	rand	hfls, fine grain diorite w/ 1% po	Hughes A-2	NW 29	8N	24E	Kateel River
869	10530	66.06814	153.86683	Black Ck	rub	grab	hfls w/ po, py, lim	Hughes A-2	NW 29	8N	24E	Kateel River
869	10531	66.06814	153.86683	Black Ck	flt	sel	hfls w/ <5% po, py, lim	Hughes A-2	NW 29	8N	24E	Kateel River
869	10532	66.06814	153.86683	Black Ck	otc	rand	hfls w/ <2% po, py, lim	Hughes A-2	NW 29	8N	24E	Kateel River
870	10501	66.06814	153.86683	Black Ck	flt	grab	arkosic ss w/ <1% sulfides	Hughes A-2	NW 29	8N	24E	Kateel River
871	10502	66.06814	153.86683	Black Ck	flt	grab	coarse ss w/ py, po	Hughes A-2	NW 29	8N	24E	Kateel River
872	10503	66.06814	153.86683	Black Ck	flt	sel	brecciated hfls w/ py, po	Hughes A-2	NW 29	8N	24E	Kateel River
873	12199	66.07125	153.86529	Black Ck	rub	rand	fine-grained diorite w/ 2% py, po	Hughes A-2	NW 29	8N	24E	Kateel River
874	10533	66.07089	153.86583	Black Ck	flt	grab	hfls w/ 2% po, py, gypsum	Hughes A-2	NW 29	8N	24E	Kateel River
874	10534	66.07089	153.86583	Black Ck	flt	sel	hfls w/ <3% po, py, lim	Hughes A-2	NW 29	8N	24E	Kateel River
875	10598	66.07279	153.86369	Black Ck		pan		Hughes A-2	SW 20	8N	24E	Kateel River
875	10599	66.07279	153.86369	Black Ck		sed		Hughes A-2	SW 20	8N	24E	Kateel River
876	10600	66.07279	153.86369	Black Ck		sed		Hughes A-2	SW 20	8N	24E	Kateel River
876	10601	66.07279	153.86369	Black Ck		pan		Hughes A-2	SW 20	8N	24E	Kateel River
877	10591	66.07384	153.86020	Black Ck	flt	grab	hfls near intr contact w/ py, cpy	Hughes A-2	SW 20	8N	24E	Kateel River
877	10592	66.07384	153.86020	Black Ck	otc	sel	hfls w/ 1-2 % py, po	Hughes A-2	SW 20	8N	24E	Kateel River

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
851	10959	flt	sel	4			0.2	363	<2	51	3	33	37	2.0	<5	393	<5	<0.010	7.71	691	<10	70
851	10960		scd	11			<0.2	38	6	76	2	23	14	<0.2	<5	62	<5	0.053	3.56	617	<10	213
852	10961	flt	sel	8			0.3	169	<2	43	2	13	13	<0.2	<5	60	<5	<0.010	6.83	521	<10	46
853	10962	rub	sel	<1			<0.2	196	<2	16	2	11	14	<0.2	<5	8	<5	0.011	3.08	245	<10	62
853	10963	rub	sel	<1			<0.2	10	4	23	3	14	2	<0.2	<5	6	<5	0.011	2.51	246	<10	308
854	10602		pan	36			<0.2	142	5	35	7	16	21	<0.2	<5	98	<5	0.033	9.36	559	<10	125
854	10603		sed	<5			<0.2	210	<2	72	9	22	28	0.5	<5	89	<5	0.044	5.46	621	<10	181
854	10604	flt	grab	<5			<0.2	161	9	39	3	11	18	<0.2	<5	15	<5	<0.010	3.83	299	<10	86
855	12194	rub	sel	<5			0.3	1365	3	36	3	29	15	<0.2	<5	7	<5	<0.010	3.31	302	10	651
856	10958	flt	sel	5			<0.2	343	<2	39	2	13	25	<0.2	<5	42	<5	<0.010	3.95	728	<10	60
857	10957	talt	sel	2			<0.2	92	<2	32	3	7	8	<0.2	<5	27	<5	0.012	4.43	411	<10	240
858	11003	rub	rep	10			<0.2	242	4	48	4	14	21	<0.2	<5	11	<5	0.013	4.18	322	<10	79
858	11004	flt	sel	4			<0.2	129	<2	29	3	29	17	<0.2	<5	5	<5	<0.010	3.58	232	<10	51
859	12196	rub	sel	12			<0.2	231	6	12	<1	7	10	<0.2	<5	13	<5	<0.010	2.14	148	<10	28
860	12197	rub	sel	717			4.3	4982	8	134	3	32	53	1.2	<5	12	<5	<0.010	3.84	352	11	119
861	12198	rub	sel	10			<0.2	89	<2	38	2	16	11	<0.2	<5	30	<5	<0.010	3.84	301	<10	224
862	12203	rub	sel	19			0.3	251	3	33	2	17	10	0.3	<5	55	<5	<0.010	8.96	380	<10	29
863	11002	flt	sel	611			6.4	3912	7	84	3	20	42	0.5	<5	50	<5	0.022	6.11	639	<10	31
864	12202	rub	sel	11			0.3	259	6	50	5	14	15	0.3	<5	26	<5	<0.010	4.56	347	<10	103
865	11001	rub	sel	1			<0.2	164	14	45	<1	16	16	0.2	<5	10	<5	<0.010	2.90	312	<10	86
866	12201	rub	sel	13			0.5	214	64	255	<1	8	11	0.6	<5	17	<5	<0.010	2.26	77	<10	114
867	12185	flt	sel	6			<0.2	58	5	57	1	21	17	0.2	<5	139	<5	<0.010	3.69	417	<10	145
868	12200	otc	rand	11			0.4	339	4	58	2	21	26	<0.2	<5	16	<5	<0.010	7.59	785	<10	50
869	10530	rub	grab	6			<0.2	277	6	46	3	13	18	<0.2	<5	7	<5	0.013	5.29	596	<10	30
869	10531	flt	sel	9			<0.2	50	3	40	2	11	43	<0.2	<5	20	<5	0.011	5.71	476	<10	28
869	10532	otc	rand	<5			<0.2	61	3	83	1	22	21	0.2	<5	6	<5	<0.010	5.37	1002	<10	70
870	10501	flt	grab	<5			<0.2	31	6	52	2	16	15	<0.2	<5	9	<5	<0.010	3.62	505	<10	157
871	10502	flt	grab	<5			<0.2	60	9	53	3	11	16	<0.2	<5	6	<5	0.011	4.01	396	<10	76
872	10503	flt	sel	<5			<0.2	62	6	60	<1	18	18	0.2	<5	9	<5	<0.010	4.61	669	<10	108
873	12199	rub	rand	34			0.5	389	10	38	5	12	5	0.4	<5	26	<5	<0.010	2.20	358	<10	193
874	10533	flt	grab	<5			<0.2	35	3	41	1	18	22	0.4	<5	110	<5	<0.010	4.82	392	<10	218
874	10534	flt	sel	<5			<0.2	57	3	48	1	18	21	<0.2	<5	23	<5	<0.010	5.07	456	<10	124
875	10598		pan	6			<0.2	89	15	95	1	25	18	0.2	<5	362	<5	0.033	4.95	689	<10	196
875	10599		sed	<5			<0.2	49	10	87	1	25	21	0.4	<5	149	<5	0.069	3.93	708	<10	186
876	10600		sed	<5			<0.2	53	7	60	2	17	16	<0.2	<5	42	<5	0.059	3.06	501	<10	146
876	10601		pan	6			<0.2	26	9	32	3	20	12	<0.2	<5	19	<5	0.013	7.26	286	<10	63
877	10591	flt	grab	<5			<0.2	406	3	55	1	14	26	1.8	<5	1198	<5	<0.010	4.58	338	<10	81
877	10592	otc	sel	<5			<0.2	97	7	104	3	15	10	0.2	<5	10	<5	0.010	3.40	673	<10	353

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
851	10959	flt	sel	101	161	<20	<20	5	4.03	1.71	0.94	0.38	2.17	136	5	6	46	<1	17	<10	0.33	<1		
851	10960		sed	29	72	<20	<20	14	3.11	0.83	0.35	0.02	0.29	84	7	5	24	2	5	<10	0.10	<1		
852	10961	flt	sel	107	90	<20	<20	7	2.34	0.74	1.41	0.32	0.51	89	9	4	10	<1	7	<10	0.23	<1		
853	10962	rub	sel	91	43	<20	<20	13	2.10	0.34	1.72	0.40	0.21	124	15	4	5	<1	<5	<10	0.23	6		
853	10963	rub	sel	73	56	<20	<20	19	1.63	0.84	1.05	0.23	0.82	233	5	4	16	2	<5	<10	0.16	14		
854	10602		pan	65	157	<20	<20	48	2.12	0.75	0.31	0.04	0.65	26	12	5	23	<1	9	<10	0.18	17		
854	10603		sed	38	125	<20	<20	28	4.37	1.18	0.44	0.03	0.82	81	14	<2	29	7	13	<10	0.25	7		
854	10604	flt	grab	50	60	<20	<20	21	1.64	0.97	0.11	0.10	0.88	8	13	5	17	7	8	<10	0.22	32		
855	12194	rub	sel	117	158	<20	<20	5	6.46	1.20	2.56	0.58	1.35	842	6	11	20	12	17	<10	0.214	9		
856	10958	flt	sel	66	76	<20	<20	16	1.12	0.79	1.73	0.18	0.29	27	17	<2	5	<1	7	<10	0.28	<1		
857	10957	flt	sel	90	88	<20	<20	12	2.85	1.41	0.33	0.13	1.68	36	7	5	45	<1	7	<10	0.26	1		
858	11003	rub	rep	73	88	<20	<20	19	1.43	0.79	0.94	0.17	0.61	31	18	3	10	<1	<5	<10	0.35	3		
858	11004	flt	sel	120	111	<20	<20	5	1.40	0.69	0.70	0.16	0.62	18	10	3	5	<1	<5	<10	0.27	2		
859	12196	rub	sel	63	43	<20	<20	21	0.53	0.17	0.87	0.12	0.06	33	16	<2	1	3	<5	<10	0.247	<1		
860	12197	rub	sel	105	158	<20	<20	8	1.19	0.47	0.39	0.12	0.90	18	14	4	11	10	14	<10	0.288	<1		
861	12198	rub	sel	118	136	<20	<20	8	2.08	1.09	0.25	0.14	1.50	23	9	5	22	10	18	<10	0.354	<1		
862	12203	rub	sel	48	133	<20	<20	26	0.94	0.35	0.77	0.11	0.06	23	10	4	6	9	<5	<10	0.241	<1		
863	11002	flt	sel	52	82	<20	<20	27	1.12	0.55	1.58	0.17	0.10	43	12	<2	8	<1	5	<10	0.25	9		
864	12202	rub	sel	47	67	<20	<20	31	1.29	0.59	1.16	0.17	0.43	31	15	5	9	4	7	<10	0.256	5		
865	11001	rub	sel	61	47	<20	<20	11	0.94	0.27	0.87	0.17	0.21	208	22	<2	5	1	<5	<10	0.25	10		
866	12201	rub	sel	94	10	<20	<20	26	1.11	0.15	0.31	0.16	0.35	71	14	2	8	<1	<5	<10	0.014	133		
867	12185	flt	sel	107	126	<20	<20	6	3.57	0.93	1.30	0.50	1.30	95	9	9	34	9	9	<10	0.294	<1		
868	12200	otc	rand	91	107	<20	<20	13	3.36	1.25	1.52	0.30	1.36	365	8	10	39	6	8	<10	0.334	4		
869	10530	rub	grab	48	83	<20	<20	11	3.46	0.90	1.45	0.36	0.98	522	6	10	27	10	6	<10	0.18	13		
869	10531	flt	sel	58	87	<20	<20	12	3.15	1.17	1.30	0.38	0.81	209	6	10	34	11	<5	<10	0.23	12		
869	10532	otc	rand	75	106	<20	<20	11	3.61	1.51	1.30	0.42	1.43	141	10	9	50	13	10	<10	0.29	15		
870	10501	flt	grab	48	68	<20	<20	14	3.70	0.94	1.84	0.46	0.86	144	13	9	24	10	5	<10	0.28	9		
871	10502	flt	grab	47	71	<20	<20	14	3.99	0.78	1.99	0.50	0.82	307	14	10	17	10	6	<10	0.28	12		
872	10503	flt	sel	49	90	<20	<20	10	2.42	1.06	0.91	0.23	0.93	69	12	8	21	11	6	<10	0.32	6		
873	12199	rub	rand	115	74	<20	<20	13	1.07	0.43	0.63	0.20	0.54	46	12	3	11	5	7	<10	0.290	21		
874	10533	flt	grab	91	132	<20	<20	9	4.28	1.37	1.35	0.44	1.55	66	8	10	31	15	16	<10	0.29	14		
874	10534	flt	sel	65	109	<20	<20	9	3.66	1.38	0.99	0.40	1.49	74	8	9	39	13	14	<10	0.28	27		
875	10598		pan	100	92	<20	<20	25	2.60	0.88	0.44	0.09	0.71	45	10	8	40	10	8	<10	0.19	14		
875	10599		sed	32	74	<20	<20	17	3.58	0.74	0.38	0.03	0.31	81	9	<2	21	4	6	<10	0.11	2		
876	10600		sed	24	63	<20	<20	15	2.42	0.50	0.26	0.02	0.17	58	6	<2	13	4	<5	<10	0.09	2		
876	10601		pan	172	175	<20	<20	75	0.84	0.25	0.39	0.06	0.11	40	7	8	5	18	<5	<10	0.10	5		
877	10591	flt	grab	46	112	<20	<20	10	2.55	1.41	0.67	0.23	1.30	45	7	7	25	13	12	<10	0.28	5		
877	10592	otc	sel	71	36	<20	<20	32	4.53	0.92	1.71	0.64	1.13	216	12	3	18	7	7	<10	0.19	24		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
878	11022	66.07374	153.86092	Black Ck		pan	from colluvium, abu fine mag	Hughes A-2	SW 20	8W	24E	Kateel River
879	10529	66.07385	153.85977	Black Ck	otc	sel	fine grained monz intr	Hughes A-2	SE 20	8N	24E	Kateel River
879	10589	66.07385	153.85977	Black Ck		plac	abu coarse Au, sch & zircon	Hughes A-2	SE 20	8N	24E	Kateel River
879	10590	66.07385	153.85977	Black Ck		plac	abu fine Au, sch & zircon	Hughes A-2	SE 20	8N	24E	Kateel River
879	10638	66.07385	153.85977	Black Ck		plac	abu fine Au, sch & zircon	Hughes A-2	SW 20	8N	24E	Kateel River
879	10639	66.07385	153.85977	Black Ck	flt	sel	qz vlet w/ 10 % py, cpy	Hughes A-2	SW 20	8N	24E	Kateel River
880	10996	66.07540	153.86032	Black Ck	flt	sel	gwy w/ <1% diss py	Hughes A-2	SW 20	8N	24E	Fairbanks
881	10993	66.07469	153.87032	Black Ck	flt	sel	dark gry hfls w/ 1-2% diss py	Hughes A-2	SW 20	8N	24E	Fairbanks
882	11027	66.07318	153.87080	Black Ck	rub	sel	hfls w/ 1% diss opy	Hughes A-2	SW 20	8W	24E	Kateel River
883	11026	66.07318	153.87080	Black Ck	flt	sel	qz-hfls breccia w/ no sulfides	Hughes A-2	SW 20	8W	24E	Kateel River
884	10965	66.07226	153.87568	Black Ck		sed		Hughes A-2	SW 20	8N	24E	Kateel River
884	10966	66.07226	153.87568	Black Ck		pan	tr mag, no vis Au	Hughes A-2	SW 20	8N	24E	Kateel River
885	10964	66.07293	153.87697	Black Ck	rub	ran	aplite w/ green mineral (ch ?)	Hughes A-2	SW 20	8N	24E	Kateel River
886	10967	66.07235	153.87602	Black Ck	flt	sel	brn hfls w/ xcut qz, diss po	Hughes A-2	SW 20	8N	24E	Kateel River
886	10968	66.07235	153.87602	Black Ck	rub	sel	blk hfls w/ diss po(?)	Hughes A-2	SW 20	8N	24E	Kateel River
886	10990	66.07235	153.87602	Black Ck	rub	ran	porphyritic andesite	Hughes A-2	SW 20	8N	24E	Fairbanks
886	10991	66.07235	153.87602	Black Ck	flt	sel	qz feldspar breccia	Hughes A-2	SW 20	8N	24E	Fairbanks
887	10597	66.07274	153.87620	Black Ck	flt	grab	hfls breccia w/ <1 % py, lim	Hughes A-2	SW 20	8N	24E	Kateel River
888	10971	66.07220	153.87704	Black Ck	flt	ran	dark gray hfls w/ 1% po, lim	Hughes A-2	SE 20	8N	24E	Kateel River
888	10992	66.07220	153.87705	Black Ck	flt	ran	felsic dike w/ tr po (?), lim	Hughes A-2	NW 29	8N	24E	Fairbanks
889	11025	66.07284	153.87492	Black Ck	flt	sel	gwy w/ diss spy	Hughes A-2	SW 20	8W	24E	Kateel River
890	10997	66.07215	153.86927	Black Ck	flt	sel	dark gray hfls w/ 1% diss po	Hughes A-2	NW 29	8N	24E	Fairbanks
890	10998	66.07045	153.87136	Black Ck	flt	sel	hfls w/ 1% po, xcut qz, lim	Hughes A-2	NW 29	8N	24E	Fairbanks
891	10595	66.06994	153.87187	Black Ck	flt	grab	felsic volc(?) w/ diss py, fine hbl	Hughes A-2	NW 29	8N	24E	Kateel River
891	10596	66.06994	153.87187	Black Ck	flt	grab	porphyritic andesite w/ po	Hughes A-2	NW 29	8N	24E	Kateel River
892	10594	66.07076	153.87451	Black Ck	flt	grab	dioritic intr w/ 1 % po, lim	Hughes A-2	NW 29	8N	24E	Kateel River
893	11021	66.07011	153.87062	Black Ck	flt	sel	hfls w/ tr po, py	Hughes A-2	NW 29	8W	24E	Kateel River
894	10593	66.06716	153.87892	Black Ck	rub	grab	hfls w/ diss and stringer po	Hughes A-2	NE 30	8N	24E	Kateel River
895	10953	66.06676	153.87303	Black Ck		sed		Hughes A-2	NW 29	8N	24E	Kateel River
895	10954	66.06676	153.87303	Black Ck		pan	no mag	Hughes A-2	NW 29	8N	24E	Kateel River
896	10952	66.06676	153.87303	Black Ck	flt	sel	blk hfls w/ qz	Hughes A-2	NW 29	8N	24E	Kateel River
897	10950	66.06500	153.87701	Black Ck		sed		Hughes A-2	NW 29	8N	24E	Kateel River
897	10951	66.06500	153.87701	Black Ck		pan	minor mag, possible sulfides	Hughes A-2	NW 29	8N	24E	Kateel River
898	10982	66.07275	153.86479	Black Ck soil line		soil		Hughes A-2	SW 20	8N	24E	Kateel River
898	10983	66.07330	153.86486	Black Ck soil line		soil		Hughes A-2	SW 20	8N	24E	Kateel River
898	10984	66.07349	153.86508	Black Ck soil line		soil		Hughes A-2	SW 20	8N	24E	Kateel River
899	10981	66.07368	153.85334	Black Ck soil line		soil		Hughes A-2	SE 20	8N	24E	Kateel River
900	10972	66.07346	153.85889	Black Ck soil line		soil		Hughes A-2	SE 20	8N	24E	Kateel River

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
878	11022		pan	1014	<5	2	<0.2	38	25	52	7	29	16	<0.2	112	46	<5	0.016	>10.00	523	64	86
879	10529	otc	sel	<5			<0.2	39	9	44	2	16	12	0.2	<5	6	<5	<0.010	2.34	313	<10	340
879	10589		plac	0.835 oz/cyd			0.4	127	13	63	16	38	33	3.8	100	813	<5	0.966	>10.00	705	<10	107
879	10590		plac	0.061 oz/cyd			7.0	65	10	64	17	35	23	0.4	139	249	<5	0.219	>10.00	784	63	117
879	10638		plac	0.230 oz/cyd			15.6	35	83	70	37	63	30	<0.2	489	174	<5	0.107	>10.00	1063	309	30
879	10639	flt	sel	21			3.3	1485	5	49	3	13	12	0.4	<5	<5	<5	<0.010	3.32	404	<10	323
880	10996	flt	sel	6			<0.2	157	<2	40	1	5	9	<0.2	<5	8	<5	<0.010	3.23	713	<10	107
881	10993	flt	sel	<1			<0.2	72	<2	29	2	13	9	<0.2	<5	9	<5	<0.010	4.33	459	<10	224
882	11027	rub	sel	4			<0.2	37	<2	50	1	18	12	0.8	<5	254	<5	<0.010	4.18	621	<10	419
883	11026	flt	sel	<1			<0.2	24	2	38	1	16	12	<0.2	<5	59	5	<0.010	2.10	392	<10	182
884	10965		sed	13			<0.2	22	6	68	1	30	12	0.3	<5	86	<5	0.048	2.96	458	<10	146
884	10966		pan	29	6	<1	<0.2	42	3	81	2	25	17	0.5	<5	112	<5	0.010	4.64	730	<10	289
885	10964	rub	ran	42			<0.2	8	7	19	<1	5	10	1.7	<5	537	<5	<0.010	0.65	117	<10	80
886	10967	flt	sel	6			0.2	120	<2	37	<1	12	8	0.7	<5	223	<5	<0.010	3.09	413	<10	293
886	10968	rub	sel	<1			<0.2	38	<2	46	2	19	17	<0.2	<5	40	<5	<0.010	3.61	455	<10	309
886	10990	rub	ran	9			<0.2	7	3	38	2	11	6	0.7	<5	169	<5	0.023	2.26	464	<10	178
886	10991	flt	sel	3			<0.2	48	8	34	3	6	7	0.6	<5	181	<5	<0.010	2.35	503	<10	64
887	10597	flt	grab	69			<0.2	76	10	43	4	14	16	3.5	<5	2676	<5	<0.010	3.75	366	<10	192
888	10971	flt	rib	4			<0.2	77	14	98	8	27	25	4.4	<5	1311	<5	<0.010	6.39	553	<10	120
888	10992	flt	ran	<1			<0.2	27	3	48	2	16	9	<0.2	<5	12	<5	<0.010	2.86	781	<10	178
889	11025	flt	sel	<1			<0.2	13	2	34	3	20	16	<0.2	<5	6	<5	0.011	2.57	510	<10	180
890	10997	flt	sel	<1			<0.2	38	<2	71	1	14	11	<0.2	<5	5	<5	<0.010	3.61	1104	<10	209
890	10998	flt	sel	1			<0.2	40	2	84	2	42	16	<0.2	<5	<5	<5	<0.010	4.14	986	<10	132
891	10595	flt	grab	<5			<0.2	5	9	17	<1	2	1	0.4	<5	181	<5	<0.010	0.40	102	<10	93
891	10596	flt	grab	57			<0.2	88	5	67	2	17	23	1.0	<5	364	<5	<0.010	4.92	617	<10	384
892	10594	flt	grab	<5			<0.2	40	11	84	2	11	13	0.3	<5	18	<5	<0.010	4.73	602	<10	222
893	11021	flt	sel	2			<0.2	48	3	38	2	12	14	<0.2	<5	24	<5	<0.010	3.49	453	<10	141
894	10593	rub	grab	<5			<0.2	81	10	81	5	19	17	0.4	<5	82	6	<0.010	4.32	500	<10	318
895	10953		sed	12			<0.2	39	12	86	<1	20	15	0.4	<5	97	<5	0.035	2.81	534	<10	185
895	10954		pan	14	<5	<1	<0.2	34	7	120	2	19	14	0.5	<5	69	<5	0.010	3.38	861	<10	276
896	10952	flt	sel	1			<0.2	152	8	62	2	29	16	0.4	<5	108	<5	<0.010	3.90	562	<10	255
897	10950		sed	12			<0.2	40	15	85	<1	21	13	0.4	<5	80	<5	0.037	2.89	459	<10	176
897	10951		pan	8	<5	2	<0.2	37	9	90	2	20	13	0.5	<5	92	<5	0.016	3.50	763	<10	203
898	10982		soil	7			<0.2	35	7	70	1	22	11	0.3	<5	85	<5	0.051	3.26	351	<10	179
898	10983		soil	8			0.2	13	6	59	1	16	8	<0.2	<5	31	<5	0.107	1.73	204	<10	106
898	10984		soil	9			0.2	9	3	32	<1	6	2	<0.2	<5	10	<5	0.065	0.45	48	<10	68
899	10981		soil	8			<0.2	132	6	55	2	18	8	<0.2	<5	14	<5	0.088	2.63	207	<10	197
900	10972		soil	323			<0.2	79	7	72	2	24	10	<0.2	<5	49	<5	0.037	3.59	326	<10	183

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
878	11023		pan	226	332	<20	79	117	0.99	0.41	0.60	0.08	0.22	43	9	<2	8	4	<5	<10	0.12	1		
879	10529	otc	sel	48	55	<20	<20	27	2.68	0.83	1.08	0.34	0.71	195	4	4	13	7	<5	<10	0.18	7		
879	10589		plac	287	502	<20	445	100	0.93	0.33	0.53	0.07	0.25	42	9	<2	9	32	<5	<10	0.09	2		
879	10590		plac	231	526	<20	557	130	1.16	0.46	0.64	0.10	0.34	50	10	<2	11	30	6	<10	0.13	4		
879	10638		plac	425	1188	30	>2000	190	0.27	0.12	0.80	0.03	0.08	24	15	<2	3	67	5	<10	0.12	1		
879	10639	flt	sel	59	65	<20	<20	28	2.72	0.99	0.91	0.34	0.94	158	5	7	9	3	<5	<10	0.22	5		
880	10996	flt	sel	38	84	<20	<20	17	1.03	0.78	1.80	0.16	0.39	137	18	3	11	<1	7	<10	0.25	<1		
881	10993	flt	sel	99	143	<20	<20	4	3.62	1.44	0.97	0.39	1.77	137	7	7	17	<1	16	<10	0.29	<1		
882	11027	rub	sel	105	143	<20	<20	9	2.68	1.33	0.72	0.29	1.44	76	9	6	26	<1	13	<10	0.29	9		
883	11026	flt	sel	100	65	<20	<20	13	3.67	0.56	2.55	0.33	0.61	266	9	8	11	<1	5	<10	0.22	5		
884	10965		sed	36	60	<20	<20	17	2.35	0.65	0.53	0.02	0.23	61	7	4	20	1	<5	<10	0.09	<1		
884	10966		pan	108	111	<20	<20	20	3.20	1.25	0.67	0.08	1.07	79	11	6	32	2	11	<10	0.23	5		
885	10964	rub	ran	73	14	<20	<20	44	1.23	0.14	0.77	0.25	0.13	47	20	4	5	2	<5	<10	0.14	49		
886	10967	flt	sel	79	104	<20	<20	14	2.97	1.08	1.27	0.42	1.15	149	8	8	27	<1	<5	<10	0.24	5		
886	10968	rub	sel	97	122	<20	<20	6	3.19	1.11	1.27	0.45	1.17	176	9	8	27	1	8	<10	0.23	<1		
886	10990	rub	ran	52	60	<20	<20	44	1.84	0.69	1.07	0.19	0.46	125	9	5	21	<1	<5	<10	0.20	8		
886	10991	flt	sel	52	56	<20	<20	19	1.89	0.47	1.67	0.26	0.16	54	13	5	5	<1	8	<10	0.17	8		
887	10597	flt	grab	72	102	<20	<20	18	3.08	0.77	1.13	0.37	0.67	110	9	10	25	12	10	<10	0.17	24		
888	10971	flt	ran	80	227	<20	<20	7	3.53	1.64	0.78	0.35	1.51	126	8	7	37	1	15	<10	0.19	7		
888	10992	flt	ran	82	43	<20	<20	12	2.13	1.06	0.64	0.12	0.07	113	4	4	14	<1	<5	<10	0.10	15		
889	11025	flt	sel	73	49	<20	<20	11	2.11	0.92	1.14	0.23	0.42	190	4	4	13	<1	<5	<10	0.16	16		
890	10997	flt	sel	128	117	<20	<20	13	3.16	1.45	0.88	0.38	1.34	91	8	7	45	<1	13	<10	0.23	5		
890	10998	flt	sel	139	121	<20	<20	10	3.23	2.32	0.82	0.35	1.66	77	9	6	43	<1	9	<10	0.26	11		
891	10595	flt	grab	51	2	<20	<20	11	0.40	0.09	0.08	0.09	0.09	8	5	2	4	2	<5	<10	0.02	25		
891	10596	flt	grab	56	77	<20	<20	42	3.55	1.18	1.26	0.42	1.64	175	7	11	49	11	7	<10	0.31	17		
892	10594	flt	grab	69	117	<20	<20	8	3.87	1.41	1.26	0.44	1.23	170	8	9	28	14	14	<10	0.23	6		
893	11021	flt	sel	108	105	<20	<20	9	1.72	1.13	0.60	0.21	0.83	56	9	4	26	1	10	<10	0.20	2		
894	10593	rub	grab	81	173	<20	<20	7	3.25	1.29	0.78	0.33	1.32	100	6	8	44	19	16	<10	0.22	6		
895	10953		sed	23	62	<20	<20	18	2.36	0.68	0.30	0.02	0.39	74	8	4	18	<1	<5	<10	0.10	<1		
895	10954		pan	142	74	<20	<20	18	2.06	0.85	0.45	0.07	0.71	35	11	5	23	1	6	<10	0.20	4		
896	10952	flt	sel	89	147	<20	<20	44	2.52	1.38	0.05	0.23	1.19	139	6	4	35	<1	6	<10	0.24	5		
897	10950		sed	26	65	<20	<20	21	2.32	0.70	0.40	0.02	0.32	73	9	4	18	2	<5	<10	0.11	<1		
897	10951		pan	190	84	<20	<20	31	1.81	0.79	0.44	0.07	0.51	38	10	4	18	<1	6	<10	0.17	<1		
898	10982		soil	29	70	<20	<20	14	2.87	0.71	0.27	0.02	0.20	53	7	5	20	2	<5	<10	0.10	<1		
898	10983		soil	23	39	<20	<20	7	1.43	0.26	0.09	0.01	0.13	12	3	3	8	2	<5	<10	0.06	<1		
898	10984		soil	5	12	<20	<20	2	0.36	0.06	0.22	0.01	0.06	35	1	<2	<1	<1	<5	<10	0.03	<1		
899	10981		soil	25	65	<20	<20	13	1.91	0.64	0.17	0.02	0.17	30	4	3	12	2	<5	<10	0.11	<1		
900	10972		soil	31	88	<20	<20	17	2.48	0.80	0.26	0.02	0.25	33	6	4	17	2	5	<10	0.13	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
900	10973	66.07307	153.85745	Black Ck soil line		soil		Hughes A-2	SE 20	8N	24E	Kateel River
900	10974	66.07433	153.85862	Black Ck soil line		soil		Hughes A-2	SE 20	8N	24E	Kateel River
900	10975	66.07264	153.85797	Black Ck soil line		soil		Hughes A-2	SE 20	8N	24E	Kateel River
900	10976	66.07321	153.85726	Black Ck soil line		soil		Hughes A-2	SE 20	8N	24E	Kateel River
900	10977	66.07358	153.85712	Black Ck soil line		soil		Hughes A-2	SE 20	8N	24E	Kateel River
900	10978	66.07277	153.85638	Black Ck soil line		soil		Hughes A-2	SE 20	8N	24E	Kateel River
900	10979	66.07263	153.85565	Black Ck soil line		soil		Hughes A-2	SE 20	8N	24E	Kateel River
900	10980	66.07189	153.85534	Black Ck soil line		soil		Hughes A-2	SE 20	8N	24E	Kateel River
901	10985	66.07189	153.86546	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
902	10986	66.07204	153.86559	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12146	66.07050	153.85761	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12147	66.07016	153.85821	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12148	66.06971	153.85924	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12149	66.06922	153.86003	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12150	66.06864	153.86079	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12178	66.06822	153.86138	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12179	66.06705	153.86390	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12180	66.06830	153.86527	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12181	66.06927	153.86598	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12182	66.06847	153.86868	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12183	66.06733	153.87030	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12184	66.06662	153.87132	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12207	66.06642	153.87130	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12208	66.06581	153.87300	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12209	66.06500	153.87495	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12210	66.06496	153.87643	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12211	66.06553	153.87570	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12212	66.06592	153.87512	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12213	66.06646	153.87494	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12214	66.06700	153.87478	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12215	66.06755	153.87440	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12216	66.06817	153.87405	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12217	66.06971	153.87381	Black Ck soil line		soil		Hughes A-2	NW 29	8N	24E	Kateel River
903	12218	66.07053	153.87378	Black Ck soil line		soil		Hughes A-2	SW 20	8N	24E	Kateel River
903	12219	66.07147	153.87342	Black Ck soil line		soil		Hughes A-2	SW 20	8N	24E	Kateel River
903	12228	66.07196	153.87277	Black Ck soil line		soil		Hughes A-2	SW 20	8N	24E	Kateel River
903	12229	66.07257	153.87271	Black Ck soil line		soil		Hughes A-2	SW 20	8N	24E	Kateel River
903	12230	66.07307	153.87210	Black Ck soil line		soil		Hughes A-2	SW 20	8N	24E	Kateel River

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
900	10973		soil	41			<0.2	111	4	63	2	21	13	<0.2	<5	27	<5	0.034	3.40	604	<10	272
900	10974		soil	38			<0.2	104	4	61	2	17	12	<0.2	<5	26	<5	0.032	3.48	543	<10	242
900	10975		soil	15			<0.2	77	4	55	3	15	8	<0.2	<5	22	<5	0.039	2.89	432	<10	187
900	10976		soil	8			<0.2	32	4	73	1	7	2	<0.2	<5	<5	<5	0.047	0.92	219	<10	85
900	10977		soil	10			0.3	34	4	42	2	17	3	0.3	<5	6	<5	0.073	1.41	100	<10	199
900	10978		soil	7			<0.2	47	5	47	2	13	4	<0.2	<5	10	<5	0.050	1.93	104	<10	124
900	10979		soil	8			0.2	41	7	54	3	26	6	<0.2	<5	16	<5	0.065	2.81	253	<10	185
900	10980		soil	7			<0.2	25	5	25	1	10	2	<0.2	<5	8	<5	0.055	1.16	58	<10	113
901	10985		soil	5			<0.2	62	7	54	3	12	6	<0.2	<5	22	<5	0.077	4.38	307	<10	88
902	10986		soil	10			<0.2	141	9	76	3	21	13	0.3	<5	58	<5	0.060	4.46	414	<10	117
903	12146		soil	9			<0.2	38	6	63	1	24	13	0.4	<5	22	<5	0.060	3.33	406	<10	147
903	12147		soil	11			<0.2	16	9	61	1	20	7	0.3	<5	21	<5	0.043	2.42	225	<10	138
903	12148		soil	<5			<0.2	16	11	43	2	13	6	0.5	<5	23	<5	0.058	2.03	171	<10	157
903	12149		soil	26			<0.2	16	6	34	2	11	4	0.4	<5	18	<5	0.102	1.77	101	<10	122
903	12150		soil	9			<0.2	10	4	29	2	8	3	0.5	<5	11	<5	0.088	1.26	60	<10	97
903	12178		soil	<5			<0.2	12	3	55	2	7	3	0.5	<5	14	<5	0.107	1.02	87	<10	60
903	12179		soil	<5			<0.2	7	3	42	2	6	2	0.5	<5	<5	<5	0.115	0.74	53	<10	75
903	12180		soil	7			<0.2	62	6	68	2	27	22	0.4	<5	30	<5	0.060	4.13	494	<10	129
903	12181		soil	10			2.0	184	331	93	4	16	6	0.7	<5	36	<5	1.434	9.17	353	<10	190
903	12182		soil	9			<0.2	58	8	189	2	35	30	0.9	<5	129	<5	0.128	4.07	836	11	143
903	12183		soil	12			<0.2	48	11	79	2	26	17	0.4	<5	120	<5	0.068	3.12	435	<10	170
903	12184		soil	<5			<0.2	17	7	66	2	19	8	0.4	<5	54	<5	0.082	3.31	249	<10	77
903	13207		soil	9			<0.2	13	5	42	2	11	5	0.4	<5	57	<5	0.031	1.60	169	<10	76
903	12208		soil	9			<0.2	56	9	125	2	36	25	1.0	<5	200	<5	0.074	3.76	768	<10	215
903	12209		soil	15			<0.2	49	13	106	2	36	32	0.7	<5	198	<5	0.057	3.83	769	<10	218
903	12210		soil	32			0.3	118	13	151	<1	36	22	1.0	<5	69	<5	0.020	4.09	870	<10	239
903	12211		soil	<5			<0.2	36	11	102	2	24	13	0.5	<5	80	<5	0.095	3.73	632	10	117
903	12212		soil	15			<0.2	61	9	181	1	37	24	0.8	<5	225	<5	0.091	3.53	650	<10	146
903	12213		soil	23			<0.2	92	17	106	2	40	40	1.4	<5	948	<5	0.074	3.67	527	<10	186
903	12214		soil	6			<0.2	27	10	66	2	23	11	0.6	<5	229	<5	0.095	3.55	404	<10	81
903	12215		soil	30			<0.2	33	8	54	1	16	13	0.6	<5	163	<5	0.064	2.28	315	<10	172
903	12216		soil	<5			<0.2	28	6	70	2	24	17	0.7	<5	98	<5	0.118	3.38	734	<10	231
903	12217		soil	16			<0.2	50	8	85	1	31	22	1.1	<5	370	<5	0.039	3.30	352	<10	231
903	12218		soil	7			<0.2	66	6	196	3	37	26	0.6	<5	247	<5	0.086	4.53	426	<10	224
903	12219		soil	6			<0.2	23	7	69	2	21	11	0.4	<5	113	<5	0.048	3.98	462	<10	101
903	12228		soil	7			<0.2	28	7	80	4	22	12	0.6	<5	163	<5	0.095	4.16	376	<10	113
903	12229		soil	7			<0.2	21	4	92	2	24	12	0.4	<5	36	<5	0.058	3.80	456	<10	125
903	12230		soil	19			<0.2	20	5	64	2	24	13	0.5	<5	108	<5	0.082	3.03	315	<10	143

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
900	10973		soil	28	99	<20	<20	18	2.56	1.00	0.37	0.02	0.33	182	6	5	16	3	6	<10	0.19	<1		
900	10974		soil	28	101	<20	<20	16	2.45	0.93	0.34	0.02	0.19	58	5	6	14	2	5	<10	0.16	<1		
900	10975		soil	25	89	<20	<20	13	1.92	0.68	0.28	0.02	0.20	45	4	6	11	2	<5	<10	0.15	<1		
900	10976		soil	11	17	<20	<20	5	0.63	0.14	0.16	0.01	0.09	19	2	<2	2	<1	<5	<10	0.05	<1		
900	10977		soil	15	29	<20	<20	8	1.18	0.30	0.23	0.01	0.08	39	3	3	4	<1	<5	<10	0.05	<1		
900	10978		soil	16	46	<20	<20	12	1.40	0.26	0.19	0.01	0.08	29	3	3	5	2	<5	<10	0.08	<1		
900	10979		soil	26	74	<20	<20	12	1.90	0.60	0.15	0.01	0.14	30	3	4	12	2	<5	<10	0.09	<1		
900	10980		soil	16	29	<20	<20	9	1.17	0.17	0.14	<0.01	0.07	22	3	3	4	1	<5	<10	0.07	<1		
901	10985		soil	30	110	<20	<20	14	2.73	0.64	0.07	0.02	0.30	22	5	6	15	5	6	<10	0.17	4		
902	10986		soil	29	79	<20	<20	19	3.19	0.67	0.17	0.02	0.18	34	7	5	26	3	<5	<10	0.11	3		
903	12146		soil	31	80	<20	<20	17	2.89	0.58	0.14	0.01	0.34	23	6	5	20	6	6	<10	0.100	<1		
903	12147		soil	23	59	<20	<20	15	1.99	0.46	0.14	0.02	0.15	25	5	5	17	5	<5	<10	0.085	<1		
903	12148		soil	21	59	<20	<20	10	1.64	0.31	0.19	0.02	0.24	71	4	4	8	6	<5	<10	0.070	<1		
903	12149		soil	16	48	<20	<20	11	1.25	0.17	0.09	0.01	0.06	33	3	4	6	5	<5	<10	0.050	<1		
903	12150		soil	11	31	<20	<20	9	0.98	0.08	0.10	0.01	0.05	27	2	4	3	3	<5	<10	0.040	<1		
903	12178		soil	12	25	<20	<20	7	0.85	0.15	0.09	0.02	0.13	17	2	3	3	2	<5	<10	0.049	<1		
903	12179		soil	6	17	<20	<20	5	0.73	0.08	0.09	0.01	0.10	20	2	<2	2	2	<5	<10	0.032	<1		
903	12180		soil	23	84	<20	<20	17	3.41	0.64	0.16	0.03	0.17	64	7	7	27	6	6	<10	0.144	2		
903	12181		soil	20	77	<20	<20	15	2.57	0.54	0.08	0.11	0.04	368	5	7	22	3	6	<10	0.143	4		
903	12182		soil	29	95	<20	<20	21	3.63	0.85	0.68	0.03	0.57	230	11	7	23	6	10	<10	0.120	2		
903	12183		soil	25	67	<20	<20	15	2.49	0.49	0.18	0.02	0.16	76	7	6	20	5	<5	<10	0.063	<1		
903	12184		soil	26	74	<20	<20	13	2.42	0.35	0.07	0.01	0.11	20	4	7	22	6	<5	<10	0.081	2		
903	12207		soil	16	48	<20	<20	10	1.16	0.17	0.08	0.01	0.11	21	3	5	6	5	<5	<10	0.052	3		
903	12208		soil	28	79	<20	<20	20	3.21	0.66	0.29	0.02	0.29	115	8	7	25	6	7	<10	0.125	2		
903	12209		soil	33	87	<20	<20	21	3.86	0.60	0.29	0.03	0.27	83	9	7	23	6	8	<10	0.111	<1		
903	12210		soil	44	102	<20	<20	21	4.37	1.22	1.23	0.04	0.81	159	11	8	23	6	10	<10	0.109	4		
903	12211		soil	35	87	<20	<20	15	3.22	0.61	0.31	0.01	0.24	84	6	7	28	6	<5	<10	0.089	1		
903	12212		soil	40	87	<20	<20	19	3.30	0.82	0.24	0.02	0.33	61	7	6	29	7	7	<10	0.102	4		
903	12213		soil	34	86	<20	<20	22	3.48	0.69	0.18	0.02	0.20	56	7	7	29	6	<5	<10	0.077	3		
903	12214		soil	29	87	<20	<20	15	2.67	0.47	0.07	0.02	0.17	17	5	8	23	7	<5	<10	0.100	3		
903	12215		soil	16	35	<20	<20	14	2.25	0.50	0.72	0.03	0.32	108	7	5	16	6	<5	<10	0.091	3		
903	12216		soil	24	79	<20	<20	16	3.70	0.66	0.20	0.02	0.30	138	9	8	25	5	6	<10	0.125	2		
903	12217		soil	24	77	<20	<20	17	3.24	0.62	0.20	0.03	0.27	134	6	6	27	5	6	<10	0.095	3		
903	12218		soil	26	85	<20	<20	14	3.92	0.69	0.13	0.02	0.26	59	7	7	29	6	7	<10	0.102	2		
903	12219		soil	27	103	<20	<20	18	3.65	0.55	0.11	0.02	0.23	17	7	9	34	8	6	<10	0.157	1		
903	12228		soil	29	104	<20	<20	12	3.30	0.55	0.09	0.02	0.17	25	5	7	28	7	6	<10	0.114	<1		
903	12229		soil	30	96	<20	<20	14	3.82	0.63	0.08	0.02	0.28	16	7	9	23	7	7	<10	0.138	1		
903	12230		soil	25	65	<20	<20	13	2.40	0.50	0.09	0.01	0.16	26	4	5	24	4	<5	<10	0.073	<1		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
904	12204	66.07498	153.80717	Indian R, upper	otc	sel	granite w/ sp, K fsld vlets	Hughes A-2	SW 22	8N	24E	Kateel River
904	12205	66.07498	153.80717	Indian R, upper trib		pan	1 coarse Au, abu mag	Hughes A-2	SW 22	8N	24E	Kateel River
904	12206	66.07498	153.80717	Indian R, upper trib		sed		Hughes A-2	SW 22	8N	24E	Kateel River
904	12226	66.07509	153.80596	Indian R, upper trib		plac	3 fine, 10 v fine Au; mag, sch, Zr	Hughes A-2	SW 22	7N	24E	Kateel River
905	12220	66.06884	153.79732	Indian R, upper		pan	1 fine, 2 v fine Au, abu mag	Hughes A-2	NW 27	8N	24E	Kateel River
905	12221	66.06884	153.79732	Indian R, upper		sed		Hughes A-2	NW 27	8N	24E	Kateel River
905	12222	66.06721	153.78978	Indian R, upper		pan	1 v fine Au, abu mag	Hughes A-2	NW 27	8N	24E	Kateel River
906	12223	66.06096	153.78003	Indian R, upper	otc	rand	qz monzonite xcut by qz w/ ba	Hughes A-2	SE 27	8N	24E	Kateel River
907	12266	66.02941	153.94204	Pocahontas Ck		pan	mod mag, no vis Au	Hughes A-2	SW 1	7N	23E	Kateel River
908	12224	66.03630	153.75672	Indian R		pan	minor mag	Hughes A-2	NW 2	7N	24E	Kateel River
908	12225	66.03630	153.75672	Indian R		sed		Hughes A-2	NW 2	7N	24E	Kateel River
909	10506	66.02283	153.76088	Indian R	flt	sel	andesite	Hughes A-2	NW 11	7N	24E	Kateel River
909	10543	66.02507	153.77073	Indian R	flt	grab	andesite w/ mag, qz, lim	Hughes A-2	NW 11	7N	24E	Kateel River
909	10630	66.02596	153.76916	Indian R	flt	sel	vuggy andesite w/ qz vlets, lim	Hughes A-2	NW 11	7N	24E	Kateel River
910	10507	66.02222	153.74834	Indian R	flt	sel	andesite w/ lim, MnO	Hughes A-2	NE 11	7N	24E	Kateel River
910	10546	66.01812	153.74863	Indian R	flt	grab	andesite w/ qz vlets, ep, lim	Hughes A-2	SW 11	7N	24E	Kateel River
910	10632	66.02025	153.74624	Indian R	flt	sel	andesite breccia w/ lim	Hughes A-2	NE 11	7N	24E	Kateel River
911	10544	66.01953	153.76423	Indian R	flt	grab	andesite w/ mag, qz, ep, lim	Hughes A-2	NW 11	7N	24E	Kateel River
911	10545	66.01953	153.76423	Indian R	flt	grab	andesite w/ lim, ep (?)	Hughes A-2	SW 11	7N	24E	Kateel River
911	10631	66.02064	153.75868	Indian R	flt	sel	andesite/ andesite breccia w/ lim	Hughes A-2	SW 11	7N	24E	Kateel River
911	10947	66.01606	153.75791	Indian R	flt	sel	green andesite w/ qz vein	Hughes A-2	SW 11	7N	24E	Kateel River
912	10633	66.01104	153.74996	Indian R	flt	sel	felsic intr w/ py, gray metallic(?)	Hughes A-2	NE 14	7N	24E	Kateel River
912	10634	66.01039	153.75116	Indian R		pan	tr vis Au, no mag	Hughes A-2	NE 14	7N	24E	Kateel River
912	10635	66.01039	153.75116	Indian R		sed		Hughes A-2	NE 14	7N	24E	Kateel River
912	10948	66.01254	153.75022	Indian R	flt	sel	andesite w/ lim	Hughes A-2	SW 11	7N	24E	Kateel River
912	10949	66.01254	153.75022	Indian R	flt	sel	vuggy, lim rock	Hughes A-2	SW 11	7N	24E	Kateel River
912	12156	66.01115	153.74281	Indian R, West trib	otc	sel	rusty, vuggy intr w/ py box	Hughes A-2	NE 14	7N	24E	Kateel River
912	12157	66.01115	153.74281	Indian R, West trib	otc	sel	silic intr w/ box, abu lim	Hughes A-2	NE 14	7N	24E	Kateel River
912	12158	66.01115	153.74284	Indian R, West trib	otc	sel	clay-altered intrusive w/ lim	Hughes A-2	NE 14	7N	24E	Kateel River
912	12159	66.01115	153.74284	Indian R, West trib		pan	tr mag, no vis Au	Hughes A-2	NE 14	7N	24E	Kateel River
912	12186	66.01216	153.74980	Indian R, West trib	flt	sel	felsic intr w/ box, abu lim	Hughes A-2	NE 14	7N	24E	Kateel River
912	12187	66.01216	153.74980	Indian R, West trib	flt	sel	med-grained felsic intr w/ box	Hughes A-2	NE 14	7N	24E	Kateel River
912	12188	66.01123	153.75017	Indian R, West trib	flt	sel	med-grained felsic intr w/ box	Hughes A-2	NE 14	7N	24E	Kateel River
913	10508	66.00993	153.71082	Hill 1342	flt	sel	vein qz w/ py, lim, box	Hughes A-2	NE 13	7N	24E	Kateel River
913	10509	66.00993	153.71082	Hill 1342		soil	red-brn soil	Hughes A-2	NE 13	7N	24E	Kateel River
913	10510	66.00993	153.71082	Hill 1342	otc	sel	volc agglomerate w/ lim	Hughes A-2	NE 13	7N	24E	Kateel River
913	10511	66.00993	153.71082	Hill 1342	flt	sel	vein qz w/ 3% py, lim, scc(?)	Hughes A-2	NE 13	7N	24E	Kateel River
913	12231	66.01009	153.71155	Hill 1342	flt	sel	silic rock w/ 3-5% py, abu lim	Hughes A-2	NE 13	7N	24E	Kateel River

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
904	12204	otc	sel	13			<0.2	5	<2	24	<1	23	9	<0.2	<5	6	<5	<0.010	2.26	252	<10	210
904	12205		pan	<5	<5	<1	<0.2	13	13	46	22	44	23	0.6	<5	13	<5	0.012	>10.00	777	<10	104
904	12206		sed	8			<0.2	7	4	37	2	13	12	<0.2	<5	<5	<5	0.025	2.71	401	<10	199
904	12226		plac	0.001 oz/cyd	<5	1	<0.2	<1	23	53	13	42	28	1.0	<5	<5	<5	0.026	>10.00	796	<10	128
905	12220		pan	27.4 ppm	<5	<1	2.6	13	31	32	13	26	9	0.8	<5	<5	<5	0.028	7.35	503	<10	132
905	12221		sed	<5			<0.2	31	6	43	4	18	9	<0.2	<5	<5	<5	0.023	2.72	417	<10	286
905	12222		pan	92	<5	2	<0.2	13	29	43	13	47	21	0.5	<5	7	<5	0.025	>10.00	545	11	185
906	12223	otc	rand	27			<0.2	188	5	27	4	25	7	<0.2	<5	<5	<5	<0.010	2.20	209	<10	350
907	12266		pan	10	<5	<1	<0.2	20	14	18	4	18	8	0.4	<5	10	<5	<0.010	3.66	263	<10	132
908	12224		pan	20	<5	1	<0.2	43	11	56	2	23	25	<0.2	<5	6	<5	0.011	5.66	645	<10	186
908	12225		sed	<5			<0.2	42	9	71	<1	22	14	<0.2	<5	6	<5	0.047	3.25	891	<10	287
909	10506	flt	sel	<5			<0.2	50	<2	63	<1	16	21	0.2	<5	<5	<5	<0.010	3.92	632	<10	109
909	10533	flt	grab	<5			<0.2	76	5	64	<1	19	22	0.2	<5	8	<5	<0.010	4.22	590	<10	158
909	10630	flt	sel	<5			<0.2	74	3	55	2	16	20	<0.2	<5	9	<5	<0.010	4.13	786	<10	214
910	10507	flt	sel	<5			<0.2	33	3	45	1	12	17	<0.2	<5	6	<5	0.011	3.64	546	<10	83
910	10546	flt	grab	<5			<0.2	38	6	38	1	16	19	0.2	<5	5	<5	<0.010	2.34	546	<10	38
910	10632	flt	sel	<5			<0.2	30	7	48	1	19	18	<0.2	<5	8	<5	0.010	3.17	565	<10	37
911	10544	flt	grab	<5			<0.2	61	4	58	1	23	23	0.3	<5	<5	<5	<0.010	3.14	422	<10	23
911	10545	flt	grab	<5			<0.2	30	7	58	1	28	20	0.4	<5	<5	<5	<0.010	3.47	732	<10	81
911	10631	flt	sel	<5			<0.2	16	3	34	1	18	14	0.2	<5	7	<5	0.012	2.24	631	<10	47
911	10547	flt	sel	<1			<0.2	58	3	26	2	8	6	<0.2	<5	<5	<5	<0.010	1.28	364	<10	35
912	10633	flt	sel	8290			11.5	794	1771	998	2	3	3	5.8	<5	27	<5	2.509	2.73	49	<10	161
912	10634		pan	<5			<0.2	30	18	66	<1	17	18	0.4	<5	9	<5	0.024	4.81	571	<10	106
912	10635		sed	<5			<0.2	33	11	80	<1	20	14	0.3	<5	7	<5	0.050	3.17	496	<10	223
912	10948	flt	sel	16			0.2	36	508	596	1	3	5	0.5	<5	27	<5	0.089	1.52	514	<10	357
912	10949	flt	sel	13			0.5	46	737	218	<1	3	<1	0.4	<5	6	<5	0.106	1.63	684	<10	728
912	12156	otc	sel	31			0.9	40	33	102	3	4	13	0.4	<5	17	<5	<0.010	3.21	256	<10	1334
912	12157	otc	sel	87			1.4	269	1765	486	2	4	14	0.7	<5	18	<5	0.086	1.64	538	<10	903
912	12158	otc	sel	12			2.3	34	15	85	3	4	4	<0.2	<5	<5	<5	0.023	4.10	106	<10	106
912	12159		pan	15	<5	<1	0.4	41	97	235	3	13	18	1.0	<5	12	<5	0.034	4.08	1866	<10	836
912	12186	flt	sel	90			1.7	77	901	203	1	4	6	0.3	<5	15	<5	0.256	3.70	326	<10	194
912	12187	flt	sel	60			0.7	33	284	136	<1	4	8	<0.2	<5	33	<5	0.036	1.64	191	<10	150
912	12188	flt	sel	91			9.2	207	1638	316	9	3	3	0.4	<5	105	<5	0.700	2.57	132	<10	1948
913	10508	flt	sel	30			0.8	15	44	10	74	5	2	0.2	<5	<5	<5	0.012	0.70	21	<10	104
913	10509		soil	28			0.4	158	110	232	<1	4	8	0.3	<5	17	<5	0.038	>10.00	144	<10	246
913	10510	otc	sel	10			<0.2	281	<2	207	<1	1	5	0.5	<5	<5	5	0.012	>10.00	64	<10	86
913	10511	flt	sel	593			21.6	692	221	76	3	8	6	0.7	7	67	<5	0.068	3.85	26	<10	16
913	12231	flt	sel	94			3.5	31	175	52	232	5	3	0.8	<5	18	<5	0.256	2.72	22	<10	23

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
904	12204	otc	sel	86	55	<20	<20	20	1.66	0.76	0.90	0.07	0.18	171	4	4	17	4	<5	<10	0.154	<1		
904	12205		pan	340	581	<20	106	531	0.72	0.27	0.72	0.15	0.12	81	17	9	3	52	8	<10	0.192	4		
904	12206		sed	16	64	<20	<20	19	1.03	0.36	0.30	0.02	0.11	59	4	<2	10	5	<5	<10	0.063	<1		
904	12226		plac	254	583	<20	152	465	0.69	0.28	0.66	0.08	0.13	<1	6	43	5	9	<5	27	0.134	12		
905	12220		pan	348	257	<20	32	132	0.70	0.25	0.61	0.18	0.20	72	22	3	3	23	<5	<10	0.229	7		
905	12221		sed	26	69	<20	<20	17	1.23	0.51	0.33	0.02	0.12	55	5	<2	12	6	<5	<10	0.083	<1		
905	12222		pan	410	537	<20	26	190	0.93	0.37	0.77	0.20	0.22	96	16	5	4	47	<5	<10	0.213	8		
906	12223	otc	rand	147	51	<20	<20	22	2.41	0.73	1.19	0.10	0.39	224	4	4	15	4	<5	<10	0.158	<1		
907	12266		pan	345	100	<20	<20	155	0.69	0.15	0.50	0.13	0.22	58	23	3	4	15	<5	<10	0.233	5		
908	12224		pan	110	158	<20	<20	30	2.88	1.15	1.68	0.09	0.31	253	10	6	11	12	9	<10	0.237	10		
908	12225		sed	30	78	<20	<20	13	2.74	1.13	0.60	0.02	0.17	78	6	4	17	5	<5	<10	0.092	<1		
909	10506	flt	sel	35	93	<20	<20	9	2.29	1.93	0.79	0.04	0.29	33	6	3	11	10	5	<10	0.20	13		
909	10543	flt	grab	48	106	<20	<20	14	2.44	1.92	1.11	0.06	0.61	75	7	4	10	12	5	<10	0.23	16		
909	10630	flt	sel	51	116	<20	<20	14	2.88	1.72	3.33	0.15	0.78	96	8	4	8	13	<5	<10	0.24	19		
910	10507	flt	sel	35	100	<20	<20	20	1.78	1.04	1.43	0.08	0.07	108	8	3	6	11	<5	<10	0.22	19		
910	10546	flt	grab	65	84	<20	<20	11	2.56	1.89	2.36	0.02	0.02	203	5	<2	12	11	<5	<10	0.20	10		
910	10632	flt	sel	55	82	<20	<20	36	2.68	1.28	1.42	0.08	0.04	95	8	3	9	9	6	<10	0.27	31		
911	10544	flt	grab	62	82	<20	<20	16	3.17	2.37	1.89	0.03	0.06	113	5	4	18	11	6	<10	0.23	15		
911	10545	flt	grab	62	89	<20	<20	31	2.54	1.70	2.28	0.03	0.09	102	8	3	10	11	7	<10	0.20	17		
911	10631	flt	sel	87	71	<20	<20	17	2.37	0.97	2.75	0.03	0.02	103	5	6	5	9	5	<10	0.18	25		
911	10947	flt	sel	161	48	<20	<20	11	1.30	0.48	1.94	0.03	0.03	67	4	4	3	1	<5	<10	0.11	10		
912	10633	flt	sel	41	15	<20	<20	57	0.94	0.11	0.06	0.01	0.24	27	5	7	1	2	<5	<10	<0.01	6		
912	10634		pan	68	105	<20	<20	26	2.39	0.85	1.07	0.03	0.11	100	7	6	13	11	6	<10	0.13	9		
912	10635		sed	26	66	<20	<20	19	2.98	0.79	0.71	0.02	0.10	55	8	<2	17	4	<5	<10	0.06	1		
912	10948	flt	sel	89	15	<20	<20	61	0.87	0.05	0.21	0.02	0.33	16	3	<2	<1	<1	<5	<10	<0.01	4		
912	10949	flt	sel	75	13	<20	<20	70	0.95	0.08	0.17	0.02	0.38	25	7	<2	<1	<1	<5	<10	<0.01	4		
912	12156	otc	sel	51	14	<20	<20	55	0.95	0.08	0.21	0.01	0.38	23	9	<2	1	<1	<5	<10	<0.010	6		
912	12157	otc	sel	89	15	<20	<20	54	1.08	0.06	0.25	0.02	0.59	21	8	2	<1	<1	<5	<10	<0.010	6		
912	12158	otc	sel	56	27	<20	<20	51	0.80	0.08	0.03	0.02	0.43	14	4	<2	<1	<1	6	<10	<0.010	5		
912	12159		pan	76	58	<20	<20	34	2.00	0.60	0.63	0.04	0.48	65	8	3	7	3	6	<10	0.034	10		
912	12186	flt	sel	86	18	<20	<20	47	0.94	0.03	0.04	0.02	0.46	8	6	<2	<1	<1	<5	<10	<0.010	5		
912	12187	flt	sel	62	19	<20	<20	56	0.84	0.04	0.07	0.02	0.38	10	6	<2	<1	<1	<5	<10	<0.010	4		
912	12188	flt	sel	43	13	<20	<20	87	1.05	0.12	0.05	0.02	0.39	18	7	<2	2	<1	<5	<10	<0.010	8		
913	10508	flt	sel	126	4	<20	<20	9	0.23	0.03	<0.01	<0.01	0.09	100	2	<2	<1	<1	<5	<10	<0.01	3		
913	10509		soil	11	42	<20	<20	15	1.40	0.32	0.12	<0.01	0.09	18	6	<2	3	4	<5	<10	0.04	5		
913	10510	otc	sel	6	10	<20	<20	<1	0.51	0.18	0.04	<0.01	0.04	6	<1	21	1	<1	<5	<10	0.05	19		
913	10511	flt	sel	150	8	<20	<20	2	0.14	0.01	<0.01	0.01	0.07	80	1	2	<1	<1	<5	<10	<0.01	4		
913	12231	flt	sel	212	5	<20	<20	25	0.32	0.01	0.02	0.01	0.21	48	4	<2	<1	<1	<5	<10	<0.010	6		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
913	12232	66.01009	153.71155	Hill 1342	flt	sel	silic rock w/ 2% py, abu lim	Hughes A-2	NE 13	7N	24E	Kateel River
913	12233	66.01009	153.71155	Hill 1342	flt	sel	silic rock w/ py, box, abu lim	Hughes A-2	NE 13	7N	24E	Kateel River
914	12259	66.00864	153.57911	Martin Ck		sed		Hughes A-2	SE 15	7N	25E	Kateel River
914	12260	66.00864	153.57911	Martin Ck		pan	no mag, no vis Au	Hughes A-2	SE 15	7N	25E	Kateel River
915	12234	65.99558	153.69108	Indian R	otc	rand	andesite	Melozitna D-2	NW 19	7N	25E	Kateel River
915	12235	65.99558	153.69108	Indian R		pan		Melozitna D-2	NW 19	7N	25E	Kateel River
916	12160	66.00584	153.83230	Indian Mtns, Peak 3415	rub	sel	andesite w/ 5% disc mag, lim	Hughes A-2	SE 16	7N	24E	Kateel River
917	10608	65.98639	153.78399	Utopia Ck	tail	rand	barite/ dolomite w/ <5% py	Melozitna D-2	SE 22	7N	24E	Kateel River
917	10609	65.98639	153.78399	Utopia Ck	tail	sel	barite w/ 2% py, tet(?)	Melozitna D-2	SE 22	7N	24E	Kateel River
917	10610	65.98538	153.78400	Utopia Ck		sed		Melozitna D-2	NE 27	7N	24E	Kateel River
917	10611	65.98538	153.78400	Utopia Ck		pan		Melozitna D-2	NE 27	7N	24E	Kateel River
917	10612	65.98639	153.78399	Utopia Ck	flt	sel	gossaneous, fault breccia w/ lim	Melozitna D-2	SE 22	7N	24E	Kateel River
917	12261	65.98832	153.78148	Utopia Ck		sed		Melozitna D-2	SE 22	7N	24E	Kateel River
917	12262	65.98832	153.78148	Utopia Ck		pan		Melozitna D-2	SE 22	7N	24E	Kateel River
918	12237	65.98695	153.80867	Utopia Ck	flt	sel	silic rock w/ ep, gar, bal(?)	Melozitna D-2	SE 21	7N	24E	Kateel River
919	10504	65.98018	153.80198	Utopia Ck	flt	sel	andesite w/ ep, qz vlets	Melozitna D-2	NW 27	7N	24E	Kateel River
919	10535	65.97926	153.79730	Utopia Ck	flt	sel	bfls w/ 1% py, lim	Melozitna D-2	NW 27	7N	24E	Kateel River
919	10537	65.97891	153.79522	Utopia Ck	flt	sel	andesite w/ po, ep, lim	Melozitna D-2	NW 27	7N	24E	Kateel River
919	10613	65.97926	153.80198	Utopia Ck	otc	rand	andesitic breccia w/ tet, rust, ep	Melozitna D-2	NW 27	7N	24E	Kateel River
919	12236	65.98274	153.80311	Utopia Ck	flt	sel	silic rock w/ ep, gar	Melozitna D-2	NW 27	7N	24E	Kateel River
920	10538	65.97798	153.78702	Utopia Ck	flt	sel	fine grained andesite w/ 5% py	Melozitna D-2	NE 27	7N	24E	Kateel River
921	10618	65.95657	154.06239	Pocahontus Ck		pan	3 pan comp, mod mag	Melozitna D-3	SE 32	7N	23E	Kateel River
922	12238	65.94962	153.81621	Macaroni Soil Line		soil		Melozitna D-2	SE 4	6N	24E	Kateel River
922	12239	65.94980	153.81568	Macaroni Soil Line		soil		Melozitna D-2	SE 4	6N	24E	Kateel River
922	12240	65.94996	153.81506	Macaroni Soil Line		soil		Melozitna D-2	SE 4	6N	24E	Kateel River
922	12241	65.94878	153.81453	Macaroni Soil Line		soil		Melozitna D-2	SE 4	6N	24E	Kateel River
922	12242	65.94859	153.81409	Macaroni Soil Line		soil		Melozitna D-2	SE 4	6N	24E	Kateel River
922	12243	65.94843	153.81354	Macaroni Soil Line		soil		Melozitna D-2	SE 4	6N	24E	Kateel River
922	12244	65.94826	153.81297	Macaroni Soil Line		soil		Melozitna D-2	SE 4	6N	24E	Kateel River
922	12245	65.94849	153.81246	Macaroni Soil Line		soil		Melozitna D-2	SE 4	6N	24E	Kateel River
922	12246	65.94866	153.81204	Macaroni Soil Line		soil		Melozitna D-2	SE 4	6N	24E	Kateel River
922	12247	65.94738	153.81184	Macaroni Soil Line		soil		Melozitna D-2	SE 4	6N	24E	Kateel River
922	12248	65.94752	153.81130	Macaroni Soil Line		soil		Melozitna D-2	SE 4	6N	24E	Kateel River
922	12249	65.94764	153.81079	Macaroni Soil Line		soil		Melozitna D-2	SE 4	6N	24E	Kateel River
922	12250	65.94705	153.81162	Macaroni Soil Line		soil		Melozitna D-2	SE 4	6N	24E	Kateel River
922	12252	65.94686	153.81119	Macaroni Soil Line		soil		Melozitna D-2	SE 4	6N	24E	Kateel River
922	12253	65.94683	153.81013	Macaroni Soil Line		soil		Melozitna D-2	SE 3	6N	24E	Kateel River
922	12254	65.94678	153.80827	Macaroni Prospect	flt	sel	silic intr w/ 3% py, abu lim	Melozitna D-2	SW 3	6N	24E	Kateel River

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
913	12232	flt	sel	11			0.3	8	17	10	8	3	3	<0.2	<5	<5	<5	<0.010	1.79	7	<10	94
913	12233	flt	sel	21.12 ppm			9.4	121	319	46	17	8	1	0.2	6	14	5	0.167	1.72	31	<10	439
914	12259		sed	<5			<0.2	26	11	84	2	33	15	0.2	<5	7	<5	0.074	3.29	583	<10	323
914	12260		pan	16	<5	<1	<0.2	30	11	80	2	27	20	0.6	<5	11	<5	0.038	5.17	882	<10	208
915	12234	otc	rand	21			<0.2	81	4	70	2	17	20	0.2	<5	<5	<5	<0.010	6.48	910	11	111
915	12235		pan	16	<5	<1	<0.2	54	11	62	2	16	15	0.3	<5	6	<5	0.028	4.73	599	<10	163
916	12160	rib	sel	10			0.2	32	10	84	2	31	20	<0.2	<5	23	<5	<0.010	5.38	712	<10	112
917	10608	tail	rand	1141			2.4	486	40	10	13	15	11	<0.2	<5	58	<5	0.126	6.02	8	<10	37.09%
917	10609	tail	sel	5563			342	750	4946	1108	6	3	2	8.4	<5	344	173	1.631	3.15	20	<10	53.71%
917	10610		sed	14			0.6	26	55	118	1	18	10	0.7	<5	12	<5	0.074	3.37	778	<10	839
917	10611		pan	33			<0.2	31	144	194	1	16	25	1.4	<5	20	<5	0.048	7.18	1265	<10	>3000
917	10612	flt	sel	100			4.4	160	1.95%	599	9	3	4	4.8	<5	529	<5	0.368	>10.00	44	<10	179
917	12261		sed	13			<0.2	44	34	259	2	17	12	0.4	<5	14	<5	0.042	8.00	362	<10	148
917	12262		pan	10	<5	<1	0.3	70	276	720	3	16	21	1.1	<5	37	<5	0.020	7.71	760	<10	900
918	12237	flt	sel	18			0.3	79	10	15	4	7	5	<0.2	<5	6	<5	<0.010	2.82	468	<10	86
919	10504	flt	sel	<5			<0.2	12	9	10	1	6	7	0.2	<5	6	<5	<0.010	1.84	291	<10	9
919	10535	flt	sel	<5			<0.2	36	10	57	3	17	14	0.2	<5	8	<5	0.011	2.98	422	<10	93
919	10537	flt	sel	<5			<0.2	90	4	61	1	32	25	0.2	<5	7	<5	<0.010	4.66	566	<10	66
919	10613	otc	rand	9			<0.2	194	43	16	3	7	8	0.3	<5	12	<5	0.016	2.67	300	<10	529
919	12236	flt	sel	9			<0.2	6	17	11	<1	6	2	<0.2	<5	5	<5	<0.010	2.06	351	<10	32
920	10536	flt	sel	<5			<0.2	21	16	199	2	4	12	0.6	<5	13	<5	0.024	4.49	994	<10	171
921	10618		pan	23			<0.2	4	15	47	2	51	24	0.4	<5	18	<5	0.070	>10.00	530	<10	29
922	12238		soil	<5			<0.2	11	<2	13	6	21	5	0.3	<5	<5	<5	0.023	4.17	36	<10	273
922	12239		soil	<5			<0.2	2	<2	8	12	3	3	0.2	<5	<5	<5	0.011	8.72	1	<10	689
922	12240		soil	<5			<0.2	3	3	9	16	2	2	0.2	<5	6	<5	0.029	5.87	11	<10	52
922	12241		soil	6			<0.2	15	5	11	6	14	3	0.4	<5	<5	<5	0.015	4.01	54	<10	203
922	12242		soil	<5			<0.2	4	4	6	7	6	3	0.3	<5	<5	<5	<0.010	5.60	4	<10	328
922	12243		soil	10			<0.2	10	27	6	6	7	2	<0.2	<5	<5	<5	0.031	2.36	18	<10	518
922	12244		soil	15			1.5	16	29	11	23	7	3	0.4	<5	8	<5	0.062	3.19	27	<10	140
922	12245		soil	8			0.4	10	24	15	12	6	2	0.3	<5	8	<5	0.027	4.35	9	<10	188
922	12246		soil	<5			<0.2	11	23	18	12	4	2	<0.2	<5	6	<5	0.026	3.91	33	<10	122
922	12247		soil	8			<0.2	44	10	36	15	13	6	<0.2	<5	7	<5	0.074	5.18	102	<10	506
922	12248		soil	24			<0.2	8	14	9	58	3	3	<0.2	<5	9	<5	0.044	8.82	4	<10	169
922	12249		soil	8			<0.2	5	8	8	9	5	1	<0.2	<5	<5	<5	0.064	3.34	4	<10	305
922	12250		soil	<5			<0.2	23	4	10	11	7	3	<0.2	<5	11	<5	0.017	5.72	6	<10	289
922	12252		soil	<5			<0.2	13	11	16	7	4	2	<0.2	<5	<5	<5	0.029	2.09	59	<10	200
922	12253		soil	<5			<0.2	6	8	11	10	2	1	<0.2	<5	<5	<5	0.018	1.96	14	<10	248
922	12254	flt	sel	<5			<0.2	23	5	4	4	3	2	<0.2	<5	<5	<5	<0.010	2.72	13	<10	191

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
913	12232	flt	sel	56	5	<20	<20	12	0.41	0.02	0.01	0.02	0.26	76	3	<2	<1	<1	<5	<10	<0.010	8		
913	12233	flt	sel	281	15	<20	<20	<1	0.24	0.03	0.01	<0.01	0.15	108	<1	<2	<1	<1	<5	<10	<0.010	2		
914	12259		sed	25	77	<20	<20	20	3.12	0.91	0.68	0.01	0.07	58	9	3	18	6	6	<10	0.062	2		
914	12260		pan	89	122	<20	<20	28	3.03	1.34	1.33	0.04	0.18	177	9	6	13	9	8	<10	0.176	18		
915	12234	oto	rand	23	237	<20	<20	16	4.47	2.03	3.06	0.05	0.04	63	22	14	17	19	18	<10	0.623	78		
915	12235		pan	83	192	<20	<20	32	3.61	1.10	1.57	0.09	0.15	157	16	9	15	14	14	<10	0.365	38		
916	12160	rub	sel	134	158	<20	<20	26	3.78	0.77	3.96	0.66	0.32	493	12	9	20	12	10	<10	0.173	6		
917	10608	tail	rand	89	<1	<20	<20	<1	0.02	<0.01	<0.01	<0.01	<0.01	104	<1	4	<1	<1	<5	<10	<0.01	4		
917	10609	tail	sel	91	31	<20	<20	6	0.37	0.01	0.02	<0.01	0.08	338	1	3	1	3	<5	<10	<0.01	4		
917	10610		sed	27	65	<20	<20	21	2.59	0.55	0.69	0.01	0.09	50	15	4	17	3	<5	<10	0.03	<1		
917	10611		pan	39	117	<20	<20	27	3.81	1.09	0.83	0.02	0.11	137	9	7	13	13	8	<10	0.13	15		
917	10612	flt	sel	40	134	<20	<20	43	1.36	0.04	0.06	<0.01	0.29	63	6	9	1	12	6	<10	<0.01	5		
917	12261		sed	17	60	<20	<20	11	1.91	0.63	0.34	0.01	0.07	48	5	<2	16	2	<5	<10	0.054	<1		
917	12262		pan	114	85	<20	<20	24	2.95	0.81	1.07	0.07	0.29	134	8	3	11	6	6	<10	0.119	7		
918	12237	flt	sel	119	91	<20	<20	24	2.84	0.42	3.22	0.03	0.01	239	8	2	3	7	5	<10	0.254	16		
919	10504	flt	sel	70	54	<20	<20	18	2.09	0.22	2.76	0.01	<0.01	271	6	6	1	8	6	<10	0.20	18		
919	10535	flt	sel	117	42	<20	<20	43	1.11	0.71	0.55	0.12	0.03	64	16	6	3	5	8	<10	0.24	60		
919	10537	flt	sel	64	130	<20	<20	53	2.51	2.05	2.98	0.06	0.05	224	9	8	7	15	7	<10	0.28	16		
919	10613	oto	rand	111	80	<20	<20	22	2.86	0.34	3.44	0.02	<0.01	375	8	7	2	10	6	<10	0.33	10		
919	12236	flt	sel	79	71	<20	<20	21	2.49	0.18	3.01	<0.01	<0.01	301	7	7	2	5	5	<10	0.262	21		
920	10536	flt	sel	46	44	<20	<20	39	1.59	0.91	1.25	0.12	0.07	98	25	10	4	6	12	<10	0.33	30		
921	10618		pan	302	666	<20	<20	168	0.42	0.10	0.98	0.02	0.03	23	18	23	4	61	<5	<10	0.16	17		
922	12238		soil	12	45	<20	<20	36	1.34	0.20	0.02	0.02	0.18	36	6	3	2	2	<5	<10	<0.010	20		
922	12239		soil	<1	25	<20	<20	121	0.66	0.04	<0.01	<0.01	0.07	4	6	3	<1	<1	<5	<10	<0.010	13		
922	12240		soil	3	10	<20	<20	111	0.58	0.03	<0.01	<0.01	0.07	4	6	<2	<1	<1	<5	<10	<0.010	24		
922	12241		soil	16	34	<20	<20	92	1.49	0.66	<0.01	0.02	0.63	17	7	3	2	1	6	<10	<0.010	15		
922	12242		soil	7	29	<20	<20	51	0.87	0.06	<0.01	<0.01	0.20	22	4	2	<1	<1	<5	<10	<0.010	16		
922	12243		soil	3	21	<20	<20	57	0.63	0.04	<0.01	<0.01	0.17	75	5	3	1	<1	<5	<10	<0.010	16		
922	12244		soil	5	16	<20	<20	75	0.77	0.06	<0.01	0.01	0.56	38	3	2	2	<1	<5	<10	<0.010	31		
922	12245		soil	5	18	<20	<20	78	0.49	0.04	<0.01	0.03	0.42	9	3	<2	<1	<1	<5	<10	<0.010	16		
922	12246		soil	4	20	<20	<20	55	0.84	0.12	<0.01	0.02	0.43	128	3	<2	<1	<1	<5	<10	<0.010	13		
922	12247		soil	19	53	<20	<20	31	1.82	0.31	0.02	<0.01	0.13	27	5	4	9	3	6	<10	<0.010	21		
922	12248		soil	3	42	<20	<20	37	0.59	0.03	<0.01	<0.01	0.47	48	4	<2	<1	<1	<5	<10	<0.010	22		
922	12249		soil	4	10	<20	<20	91	0.47	0.02	<0.01	<0.01	0.24	30	8	<2	<1	<1	<5	<10	<0.010	11		
922	12250		soil	6	13	<20	<20	66	1.15	0.07	<0.01	0.01	0.55	136	9	<2	<1	<1	<5	<10	<0.010	18		
922	12252		soil	5	11	<20	<20	78	0.96	0.14	<0.01	0.02	0.18	13	7	<2	3	<1	<5	<10	<0.010	9		
922	12253		soil	4	5	<20	<20	139	0.61	0.06	<0.01	0.04	0.11	10	6	<2	<1	<1	<5	<10	<0.010	23		
922	12254	flt	sel	65	3	<20	<20	90	0.62	0.03	0.02	0.02	0.33	38	5	<2	<1	<1	<5	<10	<0.010	23		

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Latitude	Longitude	Location	Sample Site	Sample Type	Sample description	Quadrangle	1/4 Sec	Town	Range	Meridian
922	12255	65.94678	153.80827	Macaroni Prospect	flt	sel	silic intr w/ 2-3% py, abu lim	Melozitna D-2	SW 3	6N	24E	Kateel River
923	10614	65.93792	153.89365	"My" and "A" Grids	rub	rand	hydro alt rhyolite w/ py pits	Melozitna D-2	NW 7	6N	23E	Kateel River
923	10615	65.93792	153.89365	"My" and "A" Grids	frg	sel	hydro alt rhyolite w/ 1% py	Melozitna D-2	NW 7	6N	23E	Kateel River
923	10616	65.93792	153.89365	"My" and "A" Grids		soil		Melozitna D-2	NW 7	6N	23E	Kateel River
924	10538	65.86138	153.84879	VABM Cone	flt	grab	andesite	Melozitna D-2	SW 4	6N	24E	Kateel River
924	10617	65.86158	153.84918	VABM Cone	flt	grab	andesite w/ minor lim	Melozitna D-2	SE 5	5N	24E	Kateel River
925	10636	65.81322	154.05835	Little Indian R	flt	sel	banded tuff at obsidian site	Melozitna D-2	SE 20	5N	23E	Kateel River
925	10637	65.81322	154.05835	Little Indian R	flt	grab	whole rock analysis (see Appendix B)	Melozitna D-2	SE 20	5N	23E	Kateel River

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ni ppm	Co ppm	Cd ppm	Bi ppm	As ppm	Sb ppm	Hg ppm	Fe pct	Mn ppm	Te ppm	Ba ppm
922	12255	flt	sel	<5			<0.2	31	3	5	2	2	2	<0.2	<5	6	<5	<0.010	2.41	14	<10	102
923	10614	rub	rand	<5			<0.2	4	28	4	8	4	<1	<0.2	<5	13	<5	0.015	0.46	6	<10	519
923	10615	trn	sel	36			0.3	32	13	12	5	11	16	<0.2	<5	14	<5	0.024	6.61	18	<10	7
923	10616		soil	91			1.8	52	166	14	10	3	<1	0.4	<5	291	7	0.065	7.10	29	<10	517
924	10538	flt	grab	<5			<0.2	10	17	57	<1	7	8	0.2	<5	5	<5	0.011	2.36	554	<10	89
924	10617	flt	grab	<5			<0.2	14	11	57	<1	15	8	<0.2	<5	<5	<5	0.013	2.81	649	<10	167
925	10636	flt	sel	<5			<0.2	4	11	33	2	3	2	<0.2	<5	<5	<5	0.014	0.86	247	<10	10
925	10637	whole rock analysis (see Appendix B)																				

Appendix A - Analytical Results of Rock, Stream Sediment, and Concentrate Samples

Map no.	Field no.	Sample Site	Sample Type	Cr ppm	V ppm	Sn ppm	W ppm	La ppm	Al pct	Mg pct	Ca pct	Na pct	K pct	Sr ppm	Y ppm	Ga ppm	Li ppm	Nb ppm	Sc ppm	Ta ppm	Ti pct	Zr ppm	U ppm	Th ppm
922	13255	flt	sel	73	3	<20	<20	95	0.84	0.05	0.01	0.02	0.31	41	5	<2	<1	<1	<5	<10	<0.010	21		
923	10614	rub	rand	74	7	<20	<20	2	0.76	<0.01	<0.01	<0.01	<0.01	18	<1	<2	2	<1	<5	<10	<0.01	8		
923	10615	fra	sel	69	3	<20	<20	1	0.89	<0.01	<0.01	<0.01	0.01	26	<1	5	3	<1	<5	<10	<0.01	12		
923	10616		soil	15	59	<20	<20	9	1.36	0.05	0.01	<0.01	0.08	28	1	6	1	2	<5	<10	<0.01	9		
924	10538	flt	grab	35	24	<20	<20	42	1.72	0.77	0.48	0.03	0.22	12	10	4	26	5	<5	<10	0.17	19		
924	10617	flt	grab	43	33	<20	<20	41	1.82	0.85	1.04	0.04	0.24	34	10	4	29	5	<5	<10	0.02	10		
925	10636	flt	sel	35	4	<20	<20	19	0.96	0.04	0.02	0.11	0.17	1	22	3	12	6	<5	<10	0.03	36		
925	10637	whole rock analysis (see Appendix B)																						

Appendix B - Analytical Results of Whole Rock Samples

Map No.	Sample No.	Location	Sample Site	Sample Type	Sample Description	SiO_2 pct	TiO_2 pct	Al_2O_3 pct	Fe_2O_3 pct	MnO pct	MgO pct	CaO pct	Na_20 pct	K_2O pct	P_2O_5 pct	LOI pct	Cr_2O_3 pct	Total pct
387	11980	Hammond R	rub	rand	greenstone w/ 1-2% py	46.37	1.27	15.87	9.82	0.17	8.51	10.01	2.41	0.23	0.12	4.88	0.06	99.52
571	11918	Big Ck area	rub	rand	greenstone-greenschist w/ tr py, hem	45.74	1.50	17.66	10.36	0.15	8.35	9.39	2.63	0.07	0.15	3.88	0.03	99.91
925	10637	Little Indian R	flt	grab	obsidian	76.61	0.10	12.35	0.83	0.08	0.10	0.42	4.28	4.61	0.01	0.59	0.02	100.00

Appendix C - Analytical Results of Coal Samples

Map No.	Sample No.	Location	Sample Site	Sample Type	Sample Description[1]	Moisture pct	Ash pct	Volatile pct	Fixed Carbon pct	Sulfur pct	Btu/lb	Classification
690	10640	Tramway Bar	otc	cont	4.1-ft-long chip sample	7.11	26.86	30.02	36.01	0.21	8468	bituminous
691	10549	Tramway Bar	otc	cont	5.9-ft-long chip sample	13.90	19.53	29.16	37.41	0.28	8308	bituminous
691	10550	Tramway Bar	otc	cont	10.8-ft-long chip sample	6.09	36.45	25.98	31.48	0.17	7337	bituminous

[1] All results are from "as received" samples.