FINAL REPORT
of the
MINERAL RESOURCE EVALUATION
of the
BUREAU OF LAND MANAGEMENT
BLACK RIVER AND FORTYMILE RIVER SUBUNITS

Staff, Alaska Field Operations Center, Anchorage, Alaska

UNITED STATES DEPARTMENT OF INTERIOR

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UNIT OF MEASURE ABBREVIATIONS USED IN THIS REPORT

cm	centimeter
cps	counts per second
g/mt	grams per metric ton
km	kilometer
m	meter
mm	millimeter
oz/ton	troy ounce per short ton
ppb	parts per billion
ppm	parts per million
%	percent

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ABSTRACT

The Alaska State Director of the Bureau of Land Management requested the U.S. Bureau of Mines to evaluate the mineral resources of the Fortymile River and Black River Planning Subunits located in east-central Alaska. Mineral occurrences and geochemical anomalies were examined. Granitic rocks were sampled and characterized by major oxide analysis to support metallogenic classification of the mineral occurrences. During the 1993 and 1994 field seasons the Bureau collected a total of 1,055 samples from the study area including 748 rock, 126 soil, 108 stream sediment, and 73 panned concentrate samples. This report contains a summary of the historic mining and exploration activity of the area, as well as brief property summary reports of the significant mineral deposits and all analytical results from the two year field investigation. Also included is a brief summary of placer mining activity.

Geologic mapping, age dating, and interpretation work of the Fortymile area was done in cooperation with Doyon Ltd., Native Corporation, the U.S. Geological Survey, the State of Alaska, Division of Geological and Geophysical Surveys, and University of Alaska - Fairbanks. These data will be published at a later date by the U.S. Geological Survey and the Alaska Division of Geological and Geophysical Surveys.

Mineral deposit types identified within the Fortymile River and Black River Subunits include copper-molybdenum porphyries, quartz-tungsten stockworks, tungsten-molybdenum skarns, lead-zinc-copper skarns, iron-copper skarns, intrusive-related gold veins, intrusive-related copper-silver veins, intrusive-hosted lead-zinc-copper-arsenic-antimony veins, antimony-quartz veins, and placer gold.

INTRODUCTION

The Alaska State Director of the Bureau of Land Management (BLM) requested the U.S. Bureau of Mines (Bureau) to evaluate the mineral resources of two tracts of BLM managed lands in east-central Alaska. The tracts include the Black River Subunit (BRS) and the Fortymile River Subunit (FRS). The area is made up of approximately 16,188 square km equally divided between the two subunits. Mineral resource information was requested by the BLM for the development of comparative analyses of alternatives for the required 1996 Fortymile land-use plan.

This report is the final report of the Bureau's three-year mineral inventory study. This report contains a summary of the historic mining and exploration activity of the area, as well as brief property summary reports of the significant mineral deposits and all analytical results from the two year field investigation. Also included in appendix C is a brief summary of placer mining activity along the Fortymile River. Mineral occurrences and geochemical anomalies were sampled with the intent to verify and characterize the grade and extent of mineralization of each deposit. Granitic rocks were sampled and characterized by major oxide analysis to support metallogenic classification of the mineral occurrences. The Bureau collected a total of 1,055 samples from the study area including 319 rock, 42 soil, 34 stream sediment, and 64 panned concentrate samples during 1993 and 429 rock, 84 soil, 74 stream sediment, and 9 panned concentrate samples during 1994.

Virtually no mining activity has occurred in the BRS. Mineral exploration has only been recent and at a reconnaissance level. In contrast, the FRS is the site of one of the earliest gold rushes in interior Alaska. The FRS has experienced annual mining activity since 1887. Individuals, government agencies, and corporations have conducted mineral exploration on these and adjacent lands throughout the same period. Because of the disparity in number of known mineral deposits between these two subunits, as well as the remoteness and inaccessibility of the BRS, the first phase of the project focused primarily upon the FRS.

In 1993, the Bureau conducted four surveys of the subunits. The first survey evaluated mineral occurrences along the Taylor Highway in the FRS, the second evaluated mineral occurrences in the BRS, and the last two were reconnaissance surveys of known mineral occurrences and geochemical anomalies in the FRS. During 1994, field surveys were conducted to collect additional samples of mineralization at the known mineral occurrences and geochemical anomalies and collect samples of granitic rocks for age date determinations. Work was also done in cooperation with the U.S. Geological Survey (USGS), the State of Alaska, Division of Geological and Geophysical Surveys (ADGGS), and the University of Alaska - Fairbanks.

LAND STATUS

Land status of the BRS and FRS is complex and for the most part is unresolved, particularly in the FRS (fig. 1). The BRS is predominantly open to mineral location, but there are no existing mining claims in the subunit. In 1993, the State of Alaska selected a significant

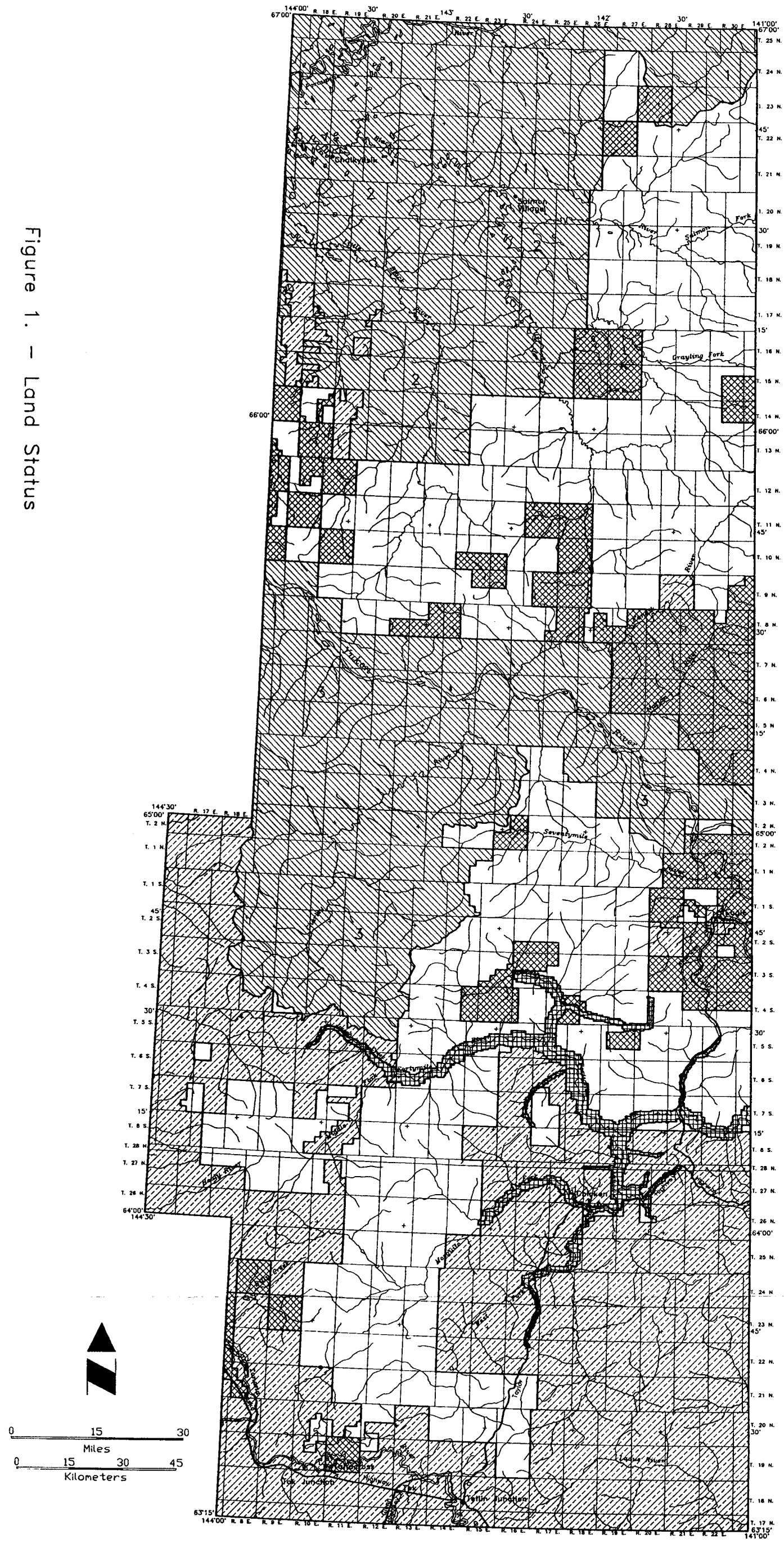


Figure 1. – Land Status

portion of land within the BRS to which it is entitled under the Alaska Statehood Act. Doyon, Ltd., an Alaska Native Corporation, had originally selected a large portion of the subunit under the Alaska Native Claims Settlement Act (ANSCA). Small inholdings of conveyed patented Doyon, Ltd. land in the subunit are all that remain of these early selections. One township along the southern border includes a homestead and is State patented.

Land status of the FRS is complicated by diverse and overlapping interests which apply to these lands. Much of the Fortymile River and select tributaries have a Wild and Scenic River status and therefore have an irregular buffer zone of a fraction to several kilometers extending from the river channel. Parts of the Wild and Scenic River corridor have competing interests with patented and unpatented Federal and unpatented State mining claims. The Submerged Lands Act of 1953 conveys ownership of navigable waters to the State of Alaska. It is the State's responsibility to manage the river bed of all navigable waters. Therefore, approximately 144 km (90 miles) of the Fortymile River bed within the Wild and Scenic River corridor is open for mineral entry for the location of State mining claims.

Doyon Ltd. has selected 85 to 90 percent of all BLM land within the FRS, exclusive of the Wild and Scenic River corridor. Some of these lands have been interim conveyed or conveyed. In 1993, the State also selected approximately 85 to 90 percent of land in the FRS to which it is entitled under the Alaska Statehood Act. These State selections are top-filed upon previous Doyon Ltd. selections.

LOCATION AND ACCESS

The BRS encompasses most of the northern half of the Charley River quadrangle and the eastern half of the Black River quadrangle. There are two private airstrips in the subunit that were built to support oil well test drilling. Seismic survey brush lines cross the southern half of the BRS. Otherwise, the area is without roads or significant trails and is accessible only by helicopter. Small watercraft access into the Salmon Fork is possible during the summer by way of the Yukon, Porcupine, and Black Rivers.

A major part of the FRS is located from the northeast to southwest part of the Eagle quadrangle and extends into the western third of the Tanacross quadrangle. A small part of the subunit extends from the southwest corner of the Eagle quadrangle into the southeast corner of the Big Delta quadrangle. Another small part extends into the south central part of the Charley River quadrangle. The subunit is adjacent to the Yukon Charley National Park and Preserve and includes the Fortymile Wild and Scenic River Corridor. The subunit can be accessed by an improved gravel road, the Taylor Highway, and numerous four-wheel drive and historic mining trails. Small watercraft access is also possible along the Fortymile River.

GEOLOGIC SETTING

The geologic setting of the BRS is significantly different than the geologic setting of the FRS. The subunits are geologically separated by the Tintina Fault Zone. The settings are thus

summarized separately.

Black River Subunit

The geology of the BRS has only been examined on a regional scale by government agencies. In addition, the southern part of the subunit has been examined extensively for its petroleum potential by major oil companies. A Precambrian unit that comprises varied-colored phyllite, slate, siltstone, and quartzite, with orange-weathering dolomite and limestone forms the bulk of bedrock in the northern half of the BRS. In the northern-most area, Cambrian(?) to Devonian massive limestone and dolomite unconformably overlie rocks of the Precambrian unit. Isolated patches of Jurassic-Cretaceous shale also rest unconformably upon the older rocks. A few basic and nepheline-bearing, ultra-potassic igneous rocks form small intrusive plugs in the Precambrian unit (1-2)[1].

Bedrock geology of the southern half of the BRS has been more thoroughly mapped, but extensive vegetative cover has induced speculation as to the origins of this complex geologic environment. Brabb and Churkin (3) mapped northeast trending Devonian to Cretaceous conglomerate, limestone, shale, quartzite, argillite, and graywacke with minor Devonian basalt (Woodchopper Creek volcanics) in the northern third of the Charley River quadrangle (southern part of BRS). These units were mapped with conformable and unconformable contacts and a few large northeast trending faults juxtapose some units. Dover and Miyaoka (4) reinterpreted the geologic work of Brabb and Churkin (3), further subdividing some units, but interpreting the juxtaposition of the various rock units as a result of deformation within a fold and thrust belt. This deformation proceeded as early as Albian (Early Cretaceous) and concluded before Maestrichtian (Late Cretaceous) time (5). Many of the thrusts are mapped as older-on-younger with tectonic transport towards the southeast (5). Howell and others (6) describe the geology of the southern part of the BRS as a fold and thrust belt that comprises a Paleozoic sequence overlain by Triassic to Lower Cretaceous foreland-basin fill sediments.

Fortymile River Subunit

Bedrock in the FRS is unlike that in the BRS. The northwest-trending Tintina Fault Zone is a major right lateral fault system that separates the fold-thrust belt of the Kandik region to the north from the predominantly crystalline igneous and metamorphic rocks of the Yukon-Tanana Upland crystalline belt to the south. The Yukon-Tanana Upland crystalline belt comprises low- to medium-grade, Paleozoic metasedimentary rocks and underlies most of the area encompassed by the FRS. Foster and others (7) identified three age groups of igneous rocks that cut Paleozoic metasedimentary rocks in the FRS; (1) Late Triassic to Early Jurassic granite and quartz monzodiorite, (2) mid to Late Cretaceous granitic plutons and batholiths of predominantly granodiorite, quartz monzonite, syenite, diorite, and granite composition, and (3) Tertiary basalt and shallow felsic subvolcanic rocks. Rocks of the third group overlie and

[1]Underlined numbers in parentheses refer to the list of references at the end of this report.

intrude small parts of the older metamorphic and igneous rocks (groups 1 and 2). Many isolated bodies of alpine-type ultramafic rock are distributed throughout the subunit (8).

Historical interpretations of the regional geology of the BRS and FRS can be obtained from references 5, 100-103.

HISTORY OF MINING AND MINERAL EXPLORATION

Exploration, mine production, and mining methods that characterize the mining history of the Fortymile, Eagle, Seventymile, and Goodpaster Mining Districts are recorded in many publications that span the period from 1898 to present. Various parts of these mining districts coincide with the FRS. The BRS does not coincide with any part of these mining districts. A cross-reference of bibliographic citations and anecdotes related to present and historic placer mines has been previously compiled in OFR 48-94 (2).

Mining activity in east-central Alaska began with the Fortymile gold rush in 1886. Howard Franklin and his party discovered gold on the Fortymile River and made a rich gold strike on what became known as Franklin Gulch (Creek) a year later. News of the strike started a gold rush into the Fortymile River country. Riffles and thin mantles of gravel on bedrock along the incised meandering Fortymile River were sites of initial mining activity. Prospectors eventually migrated into the tributaries of the Fortymile River and established mining operations where pay was found. Discoveries in Napoleon Creek (1888), Davis Creek (1988), Poker Creek (1889), Dome Creek (1893), Wade Creek (1895), and Chicken Creek (1896) became the sites of established mining camps. The valleys and tributaries of American Creek (1891) and Seventymile River (1895) were also sites of early prospecting and mining.

Mining in the Fortymile area has been influenced by its remoteness, technologic developments, wars, gold price, and governmental regulations. Low and uncertain water supplies have always plagued placer mining operations in the Fortymile region. Early on, ditching and self-actuated boom gates were often necessary for overburden removal. Hydraulicking was used where a significant source of water could be engineered and drift mining methods were applied in deep placers. The remoteness of much of the country slowed the course of exploration and mining, but did not prevent the installation of dredges as early as 1907. Annual production records prior to 1903 are unavailable. By about 1912 annual production began to wane significantly (12). The production decline was largely due to the termination of early dredge operations, an exhaustion of easy reserves, and the fact that many miners moved off to more prosperous fields like Circle (Birch Creek) and Dawson, YT. Placer gold production increased once again with the installation of bucket line dredges on upper Walker Fork (1934), on the South Fork near Atwater Creek (1935) and on Jack Wade Creek (1936). Placer mining with horse-drawn scrapers, bulldozers, steam shovels, draglines, and dredges continued until World War II when much of the heavy equipment was diverted to the war effort. After World War II the level of gold production varied with changes in availability of large heavy machinery (installation of the Pedro dredge in 1959 on Chicken Creek), road accessibility (completion of the Taylor Highway in the early 1950's), gold price increases due

to deregulation, and imposition of strict water-quality regulations.

Exploration for lode deposits in the Fortymile region followed the early gold rush. Lode gold prospects were found at the Cameron Prospect in 1900 (13), the Purdy prospect in 1905 (10), in Ingle Creek in 1930 (9), and at the La Flamme prospect (Bruce Adit) in 1956 (14). Early on, prospectors pushed west of the Fortymile River placer district and discovered what became known as the Mitchell Copper prospect in 1918 (15), the My Creek Stibnite prospect in 1918 (16), the Healy River molybdenite prospect (Mt. Harper prospect) in 1918 (16), the Flume Creek prospect (3, 11), and the Ruby Silver prospect (Nagaheek prospect) in 1944 (17).

Since the late 1960's, geologic and geochemical mapping surveys have been conducted by the USGS in the Tanacross (18-31), Eagle (32-52), Charley River (53-55), Black River (56), and the Big Delta quadrangles (57-75). The ADGGS has also conducted geological and geochemical surveys in the Big Delta (76-77), Eagle (78-85), Tanacross (78), and Charley River and Black River Quadrangles (86) beginning in 1965. The Bureau has evaluated some site-specific mineral occurrences, summarized mining activity in the Fortymile Mining District (79-100), and has estimated the remaining placer gold resource potential of the Fortymile Mining District (95). The U.S. Department of Energy conducted a National Uranium Resource Evaluation project (105-116) in the Big Delta, Tanacross, Eagle, Charley River, and Black River quadrangles.

Doyon Ltd., Fairbanks, AK, conducted mineral exploration over a 16-year period (1977-1993) along with various engineering and exploration companies. These reports (117-138) are available for review by permission at the Doyon Ltd. office in Fairbanks, Alaska.

SAMPLING - DATA INTERPRETATION PROCEDURES

This mineral resource assessment project utilized mineral deposit data from available literature, regional geologic interpretation, and data collected during this investigation. The paucity of good exposures at mineral occurrences in the Black River or the Fortymile River Subunits precludes any direct reserve calculations. Therefore, rock samples were collected with the intent to characterize and age date known mineral occurrences and fit them to ore deposit models. The rocks were characterized by multi-element geochemical analysis and petrographic examination.

Collections of ore deposit models have been created by Cox and Singer (139) and Bliss (140) to be used in this type of resource evaluation. These models include criteria for characterizing mineral deposit types, and graphs of "Proportion of Deposits versus Tonnage" and "Proportion of Deposits versus Grade." These deposit models were used in the identification and classification of deposit types during this study.

Appendix A contains analytical results for rock, soil, stream sediment, and panned concentrate samples collected by the Bureau during 1993 and 1994. Figures 3 through 7 show map locations for all samples listed in appendix A. Prefixes for map numbers on figures 3-7

and the appendix correspond to USGS 1:250,000 topographic quadrangle maps; BR stands for Black River, BD for Big Delta, CR for Charley River, E for Eagle, and T for Tanacross.

Soil, stream sediment, and panned concentrate samples were collected in order to confirm previous exploration results or extend known mineral occurrences. Panned concentrate samples generally consist of concentrates from one 34.6 cm pan of minus 1.27 cm screened material where run-of-the-stream gravel was sampled. Fine sand, impacted within stream-side bryophyte growth, was often panned to a concentrate and treated as a panned concentrate sample. This sample medium serves as a natural riffle system which pre-concentrates heavy minerals, thereby enhancing geochemical anomalies. Soil samples were collected from the B or the C (in the absence of B) horizon. Stream sediment samples were collected from stream banks and from beneath cobbles in active stream channels to maximize the minus 80-mesh fraction in the sampled material. The panned concentrate, stream sediment, and soil samples were analyzed with multi-element geochemical, assay, and element-specific geochemical analysis methods (appendix A). All geochemical analyses were performed by Bondar-Clegg & Company Ltd (table 1)[2].

SUMMARY

The Bureau of Mines conducted a three-year mineral inventory study of the BLM managed Black River and Fortymile Subunits in east-central Alaska. The study was an attempt to verify and characterize the grade and extent of mineralization of mineral occurrences and geochemical anomalies, as well as, characterize the metallogenic classification of the known mineral occurrences by major oxide analysis. This report contains a brief discussion of the significant mineralized occurrences identified during the study, and the analytical results of the 1,055 samples collected by the Bureau during the 1993 and 1994 field seasons.

The 1993 reconnaissance-level field examination of known mineral occurrences and various geochemical and geophysical anomalies resulted in the collection of 319 rock, 42 soil, 34 stream sediment, and 64 panned concentrate samples. To augment the classification of certain mineral occurrences, seventy-nine polished thin sections of rock were prepared and examined petrographically.

Some of the more noteworthy results of the 1993 field work are the (1) recognition of several copper and gold-enriched quartz vein systems within Early Jurassic granodiorite intrusive rocks in the Chicken area, (2) discovery of a significant quartz vein system on the Middle Fork of the Fortymile River (map no. E127, fig. 6), and (3) identification of gold in stream sediment and panned concentrates from a tributary to Molly Creek (map no. E120, fig. 6).

During 1994, follow-up field examinations of the identified mineral occurrences and geochemical and geophysical anomalous locations resulted in the collection of an additional 429

[2]Analysis by Bondar-Clegg & Co. Ltd. and the use of this lab does not imply endorsement by the U.S. Bureau of Mines.

rock, 84 soil, 74 stream sediment, and 9 panned concentrate samples. Samples were also collected of the various granitic rocks located throughout the area for age date determinations. These data will be used by the ADGGS in conducting their regional geologic mapping and interpretation studies.

Twenty-one significant mineral deposits were identified by the Bureau in the subunits during the study. A brief description of each deposit's geologic setting and related mineralization is found in Appendix B.

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TABLE 1. - 1993 Sample analysis detection limits

Element	Lower Limit (ppm)	Upper Limit (ppm)
ICP-Atomic Emission Spectroscopy		
Ag	0.2	50
Cu	1	20,000
Pb	2	20,000
Zn	2	20,000
Mo	1	20,000
Ni	1	20,000
Co	1	20,000
Cd	0.5	2,000
Bi	5	2,000
As	5	2,000
Sb	5	2,000
Fe	0.01 pct	10.0 pct
Mn	5	20,000
Te	25	2,000
Ba	5	2,000
Cr	2	20,000
V	2	2,000
Sn	20	2,000
W	20	2,000
Li	2	2,000
Ga	10	2,000
La	5	2,000
Sc	5	2,000
Ta	5	2,000
T	0.01 pct	10.0 pct
Al	0.01 pct	10.0 pct
Mg	0.01 pct	10.0 pct
Ca	0.01 pct	10.0 pct

Element	Lower Limit (ppm)	Upper Limit (ppm)
ICP-Atomic Emission Spectroscopy		
Na	0.01 pct	10.0 pct
K	0.01 pct	10.0 pct
Nb	5	2,000
Sr	1	2,000
Y	5	2,000
Zr	5	2,000
Low Level Assay		
Cu	0.01 pct	15.00 pct
Pb	0.01 pct	15.00 pct
Zn	0.01 pct	15.00 pct
Mo	0.01 pct	4.00 pct
Quantitative Assay		
Pb	0.01 pct	100 pct
Zn	0.01 pct	100 pct
Sb	0.01 pct	100 pct
Fire Assay/ Direct Couple Plasma		
Pt, Pd, Au	5 ppb	5,000 ppb
Fire Assay		
Ag	0.002 oz/ton	NA
Au	0.002 oz/ton	NA
Atomic Absorption Analysis		
Cu	1	20,000
Pb	1	20,000
Zn	1	20,000
Bi	1	2,000
V	1	2,000
Mn	1	10,000
Ag	0.1	50

TABLE 1. - 1993 Sample analysis detection limits (cont.)

Direct Irradiation/ Instrument Neutron Activation Analysis		
Au	5 ppb	10,000 ppb
Sb	0.2	5,000
As	1	5,000
Ba	100	30,000
Br	1	1,000
Cd	10	2,000
Ce	10	10,000
Cs	1	10,000
Cr	50	20,000
Co	10	20,000
Eu	2	2,000
Hf	2	2,000
Ir	100	5,000
Fe	0.5 pct	10.0 pct
La	5	10,000
Lu	0.5	2,000
Mo	2	20,000
Ni	20	20,000
Rb	10	10,000
Sm	0.2	2,000
Sc	0.5	2,000
Se	10	2,000
Ag	5	50
Na	0.05 pct	10.0 pct
Ta	1	2,000
Te	20	2,000
Tb	1	2,000

Direct Irradiation/ Instrument Neutron Activation Analysis		
Th	0.5	2,000
Sn	200	20,000
W	2	2,000
U	0.5	2,000
Yb	5	2,000
Zn	200	20,000
Zr	500	10,000
Major Oxide Analysis: Borate Fusion/Plasma Emission & Specific Techniques		
SiO_2	0.01 pct	NA
Al_2O_3	0.01 pct	NA
Fe_2O_3 (total Fe)	0.01 pct	NA
MgO	0.01 pct	NA
CaO	0.01 pct	NA
Na_2O_3	0.01 pct	NA
K_2O	0.05 pct	NA
P_2O_5	0.03 pct	NA
MnO	0.01 pct	NA
TiO_2	0.05 pct	NA
FeO	0.05 pct	NA
Cl	0.01 pct	NA
X-ray Fluorescence		
Ba	15	NA
Rb	1	NA
Sr	1	NA
Y	1	NA
Nb	5	NA
Zr	1	NA

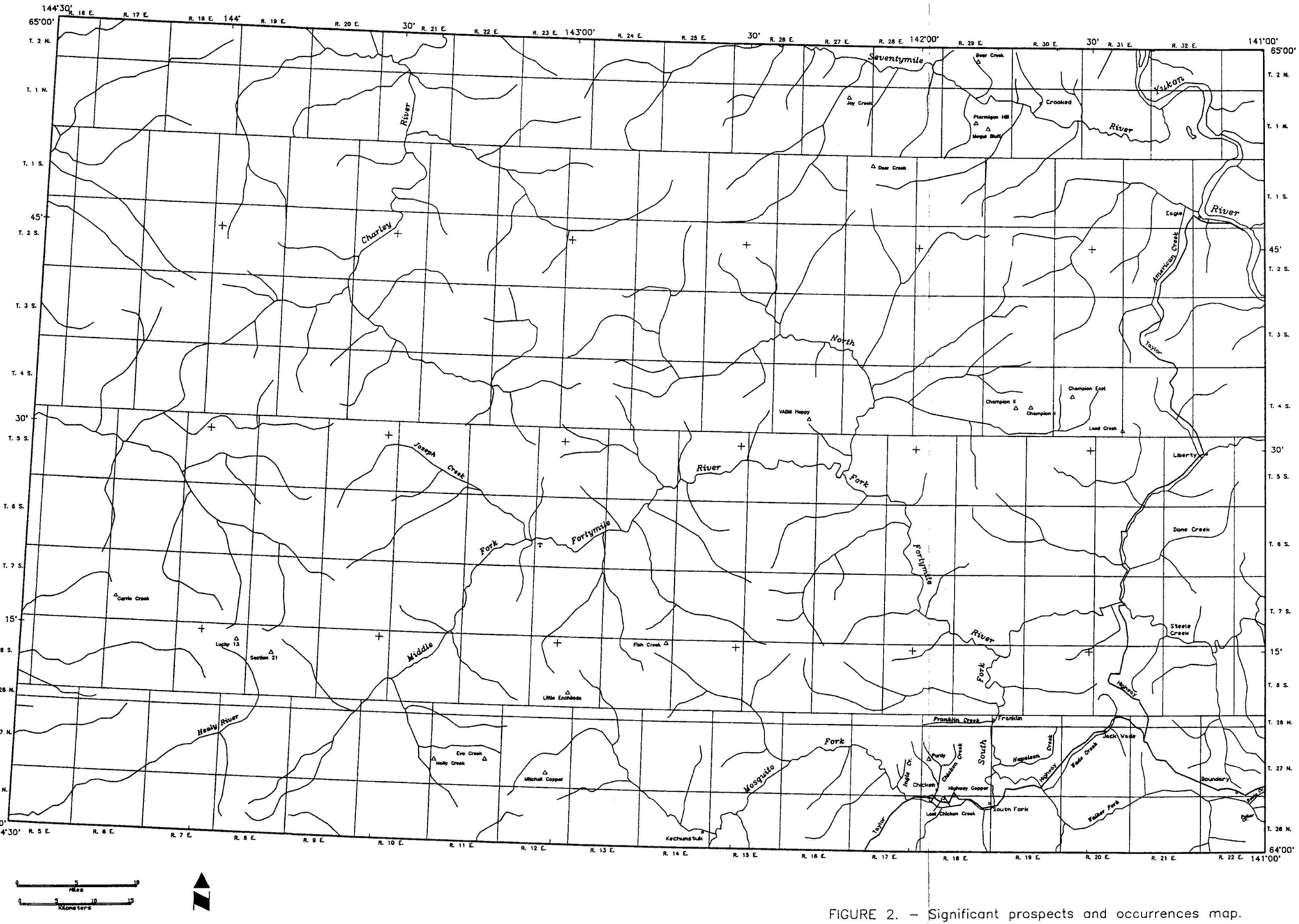


FIGURE 2. – Significant prospects and occurrences map.

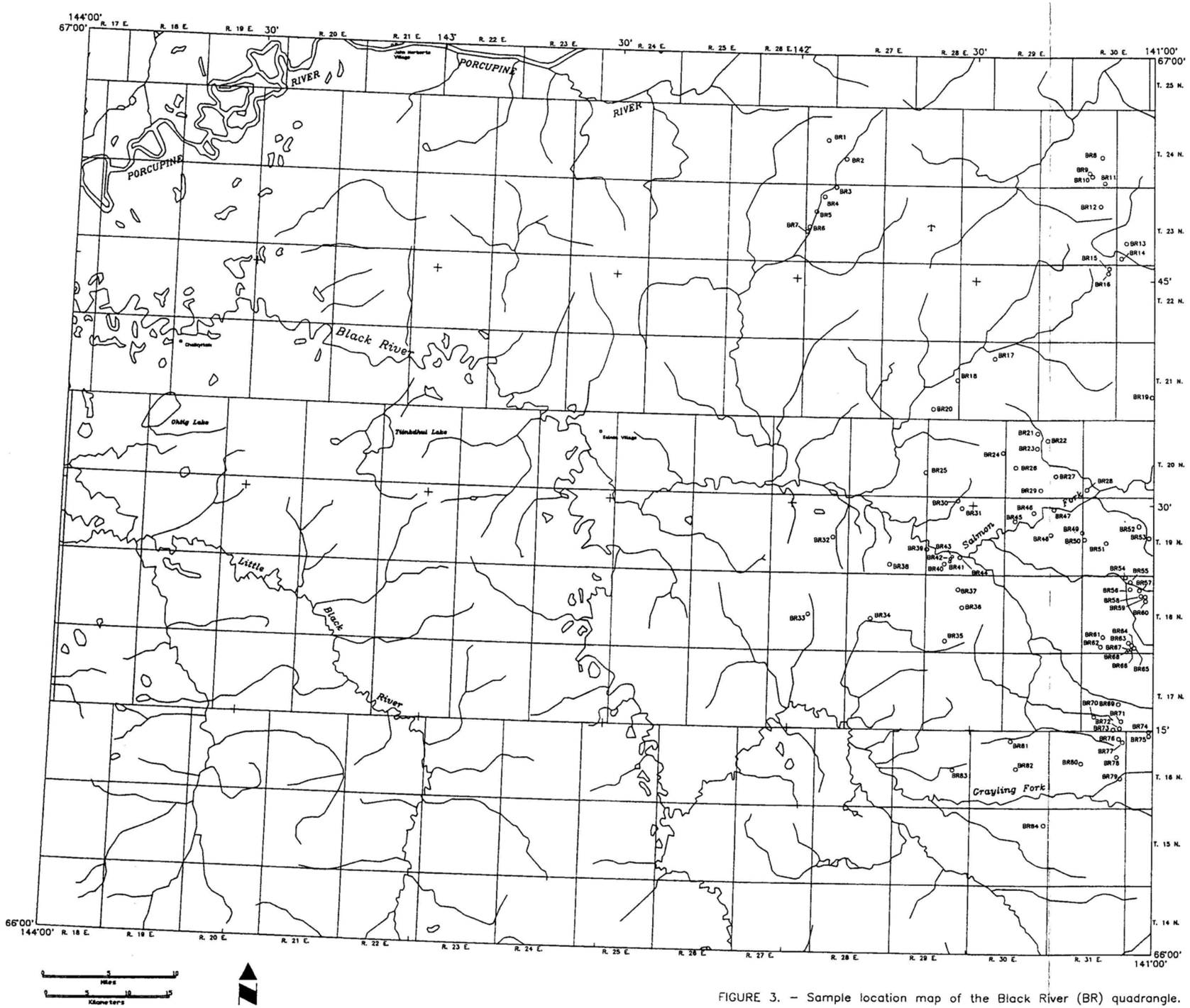


FIGURE 3. – Sample location map of the Black River (BR) quadrangle.

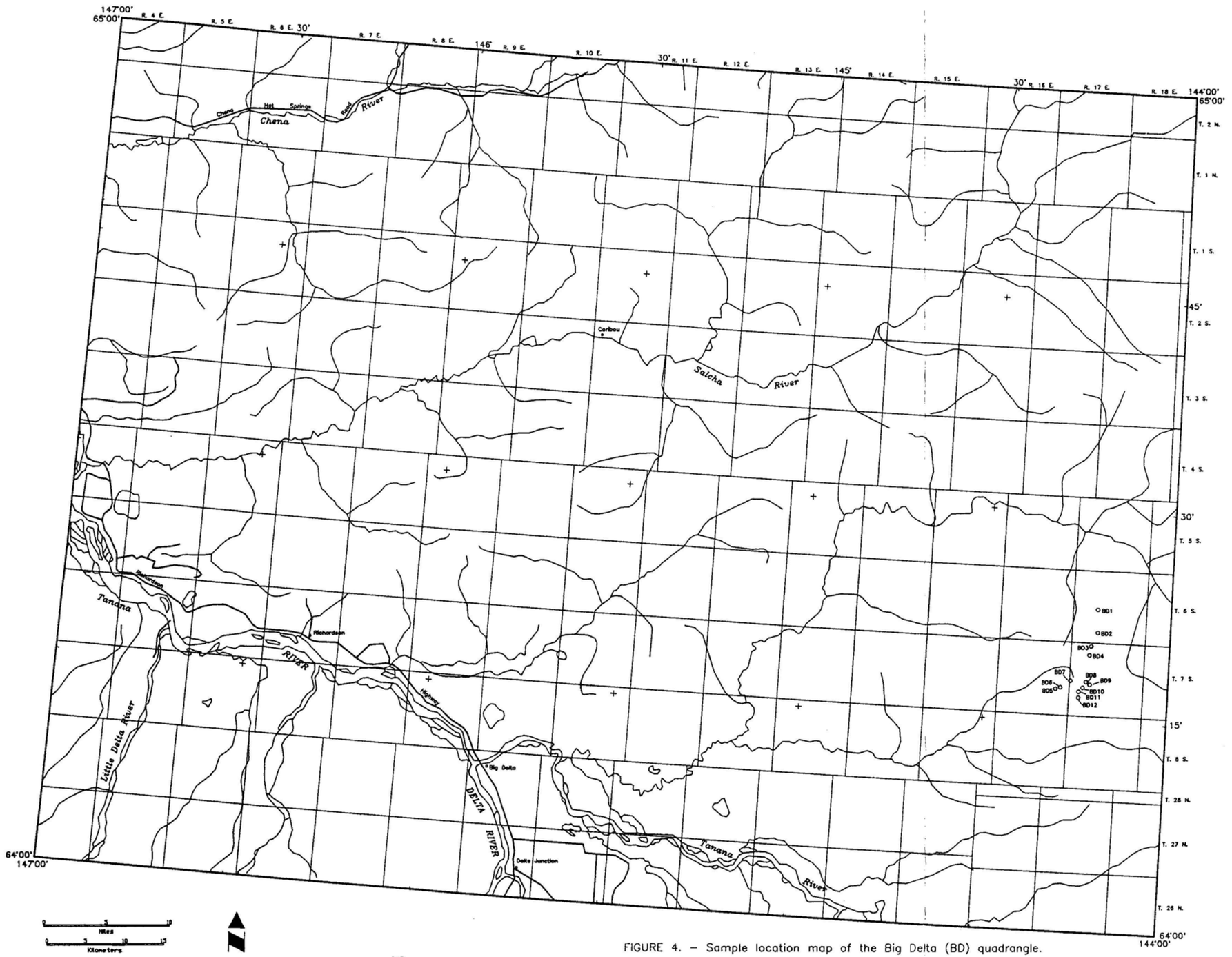


FIGURE 4. – Sample location map of the Big Delta (BD) quadrangle.

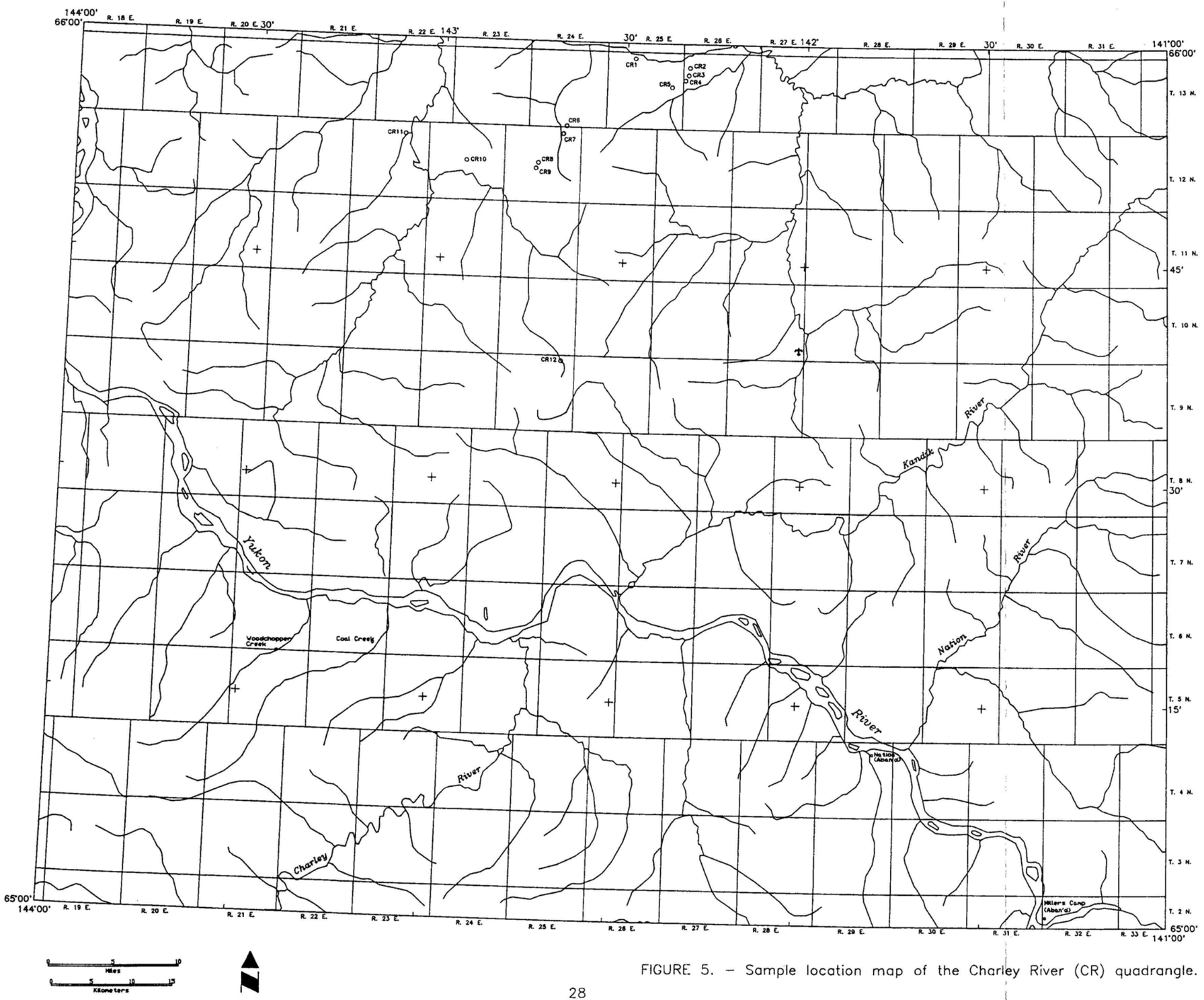


FIGURE 5. – Sample location map of the Charley River (CR) quadrangle.

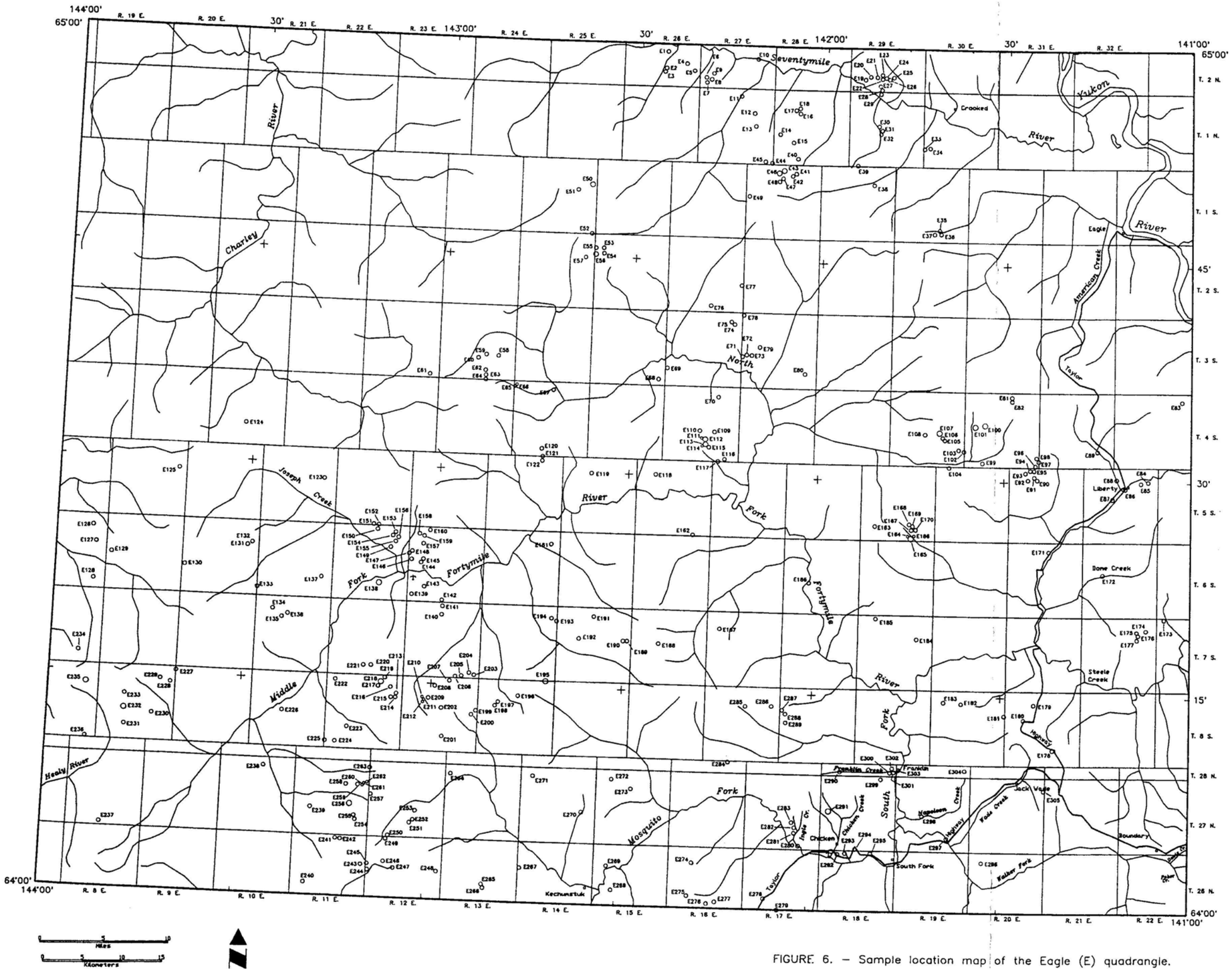


FIGURE 6. — Sample location map of the Eagle (E) quadrangle.

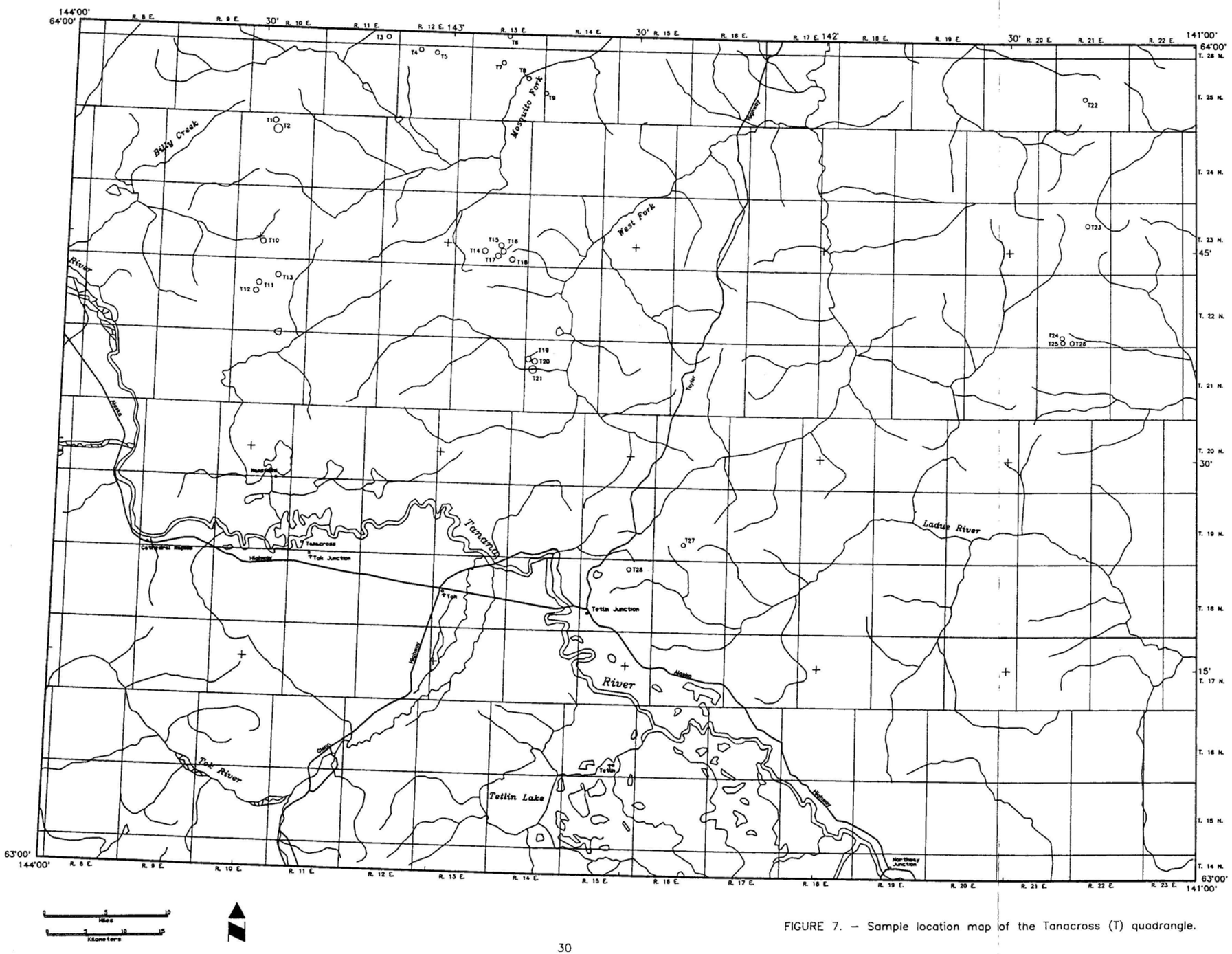


FIGURE 7. — Sample location map of the Tanacross (T) quadrangle.

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
BD1	BL06380		64	23.090	144	11.935	R
BD2	BL06394	Blue Lead Mine	64	21.397	144	11.872	R
BD3	BL06703		64	20.470	144	12.800	R
BD3	BL07956	Carrie Creek	64	20.391	144	12.706	R
BD4	BL07955	Carrie Creek	64	19.766	144	12.945	R
BD4	BL07948	Carrie Creek	64	17.294	144	18.153	R
BD5	BL07949	Carrie Creek	64	17.294	144	18.153	R
BD6	BL07957	Carrie Creek	64	17.426	144	17.383	R
BD7	BL07950		64	17.933	144	15.908	PC
BD7	BL07951		64	17.905	144	15.612	PC
BD8	BL07954	Carrie Creek	64	17.872	144	13.258	R
BD8	BL07958	Tripper Ridge	64	17.872	144	13.258	R
BD9	BL06382	Black Mountain	64	17.683	144	12.599	R
BD9	BL06383	Black Mountain	64	17.683	144	12.599	R
BD10	BL07953	Carrie Creek	64	17.462	144	13.768	R
BD11	BL07952	Carrie Creek	64	17.222	144	14.264	R
BD11	BL06702		64	17.110	144	14.300	R
BD11	BL06701		64	17.100	144	14.500	R
BD12	BL07959	Lynx Saddle	64	16.731	144	14.368	R
BR1	BL06238		66	54.284	141	55.132	SS
BR2	BL06237		66	53.047	141	52.031	SS
BR3	BL06239		66	51.145	141	53.602	SS
BR4	BL06240		66	50.517	141	55.564	SS
BR5	BL06241		66	49.522	141	56.890	SS
BR7	BL06242		66	48.175	141	58.483	SS
BR8	BL06345		66	53.300	141	08.900	R
BR9	BL06201		66	52.275	141	11.009	R
BR10	BL06202		66	52.119	141	10.692	R
BR11	BL06203		66	51.606	141	08.467	R
BR11	BL06268		66	48.471	141	58.028	SS
BR12	BL06220		66	50.047	141	09.131	SS
BR13	BL09401		66	47.564	141	04.756	PC
BR14	BL06260		66	29.740	141	16.677	SS
BR14	BL09402		66	46.599	141	05.580	SS
BR14	BL09403		66	46.599	141	05.580	SS
BR14	BL09404		66	46.497	141	05.660	PC
BR15	BL06243		66	45.796	141	07.790	R
BR15	BL06317	VABM Fort	66	45.888	141	07.445	SS
BR15	BL06318	VABM Fort	66	45.796	141	07.790	R
BR16	BL06244	VABM Fort	66	45.540	141	07.807	R
BR18	BL06245		66	38.379	141	32.829	SO
BR18	BL06235		66	39.815	141	26.721	PC
BR18	BL06236		66	39.815	141	26.721	SS
BR19	BL06215		66	37.286	141	00.392	R
BR20	BL06225		66	36.418	141	36.844	SS
BR21	BL06233		66	34.873	141	19.544	R
BR21	BL06234		66	34.873	141	19.544	R
BR22	BL06231		66	34.377	141	17.770	SS
BR22	BL06232		66	34.377	141	17.778	PC
BR23	BL06230		66	33.885	141	19.592	R
BR23	BL06267		66	33.885	141	19.592	SS
BR24	BL06266		66	33.534	141	25.182	R
BR25	BL06223		66	32.180	141	37.915	R
BR25	BL06224		66	32.168	141	37.923	SS

Map number	Sample number	Description
BD1	BL06380	Fine-grained equigranular biotite granite; chloritized biotite with trace white mica and K-spar phenocrysts
BD2	BL06394	1) White mica after biotite in selvage to quartz-carbonate-pyrite veins; 2) fine, greenish white mica veins associated with quartz-carbonate-pyrite veins
BD3	BL06703	Quartz vein with arsenopyrite-chalcopyrite-tetrahedrite.
BD3	BL07956	Select of pyrite and Pb-Sb sulfosalt-bearing milky-white quartz boulder (2m x 2m x 1m)
BD4	BL07955	Milky-white quartz veins with 3% disseminated arsenopyrite.
BD4	BL07948	Select of arsenopyrite(70%) selvage along 30cm x 50cm milky-white quartz vein with vuggy-dogtooth quartz core.
BD5	BL07949	Galena-pyrite-arsenopyrite in milky-white quartz vein. Sample taken from boulder measuring 10cm x 10cm x 15cm.
BD6	BL07957	Arsenopyrite and pyrite in 6cm-wide milky-white quartz vein.
BD7	BL07950	Panned concentrate.
BD7	BL07951	Panned concentrate.
BD8	BL07954	Silicified Mt. Harper biotite granodiorite with disseminated pyrite-arsenopyrite.
BD8	BL07958	Fresh sample of Mt. Harper fine-grained, biotite granodiorite.
BD9	BL06382	Altered wall rock from 30-cm-wide, stibnite-bearing quartz vein; strong white-mica alteration; granodiorite country rock
BD9	BL06383	Fine to medium-grained hornblende, biotite, equigranular granodiorite
BD10	BL07953	Altered Mt. Harper biotite granodiorite with 2% disseminated pyrite.
BD11	BL07952	Quartz vein with 2-3% yellow-green oxide coating (scorodite) and 1% fresh arsenopyrite.
BD11	BL06702	Quartz vein with galena-pyrite-chalcopyrite-tetrahedrite(?).
BD11	BL06701	Quartz vein with 5% arsenopyrite.
BD12	BL07959	Select of pyrite-chalcopyrite-arsenopyrite-sphalerite in milky-white quartz vein.
BR1	BL06238	Stream sediment
BR2	BL06237	Stream sediment
BR3	BL06239	Stream sediment
BR4	BL06240	Stream sediment
BR5	BL06241	Stream sediment
BR7	BL06242	Stream sediment
BR8	BL06345	Limestone with Fe-oxide coatings
BR9	BL06201	Shattered, sparry calcite bioclastite limestone
BR10	BL06202	Bioclastite limestone; bryozoa are abundant
BR11	BL06203	Massive to thinnly bedded, light greenish gray sparry calcilutite; trace pyrite + MnO + rhodocrosite ?
BR11	BL06268	Stream sediment
BR12	BL06220	Stream sediment
BR13	BL09401	Panned concentrate
BR14	BL06260	Stream sediment
BR14	BL09402	Stream cobble of brecciated and altered limestone with Fe-oxide staining and boxworks
BR14	BL09403	Stream sediment
BR14	BL09404	Panned concentrate
BR15	BL06243	Quartz-calcite veinlets in limy argillite
BR15	BL06317	Stream sediment
BR15	BL06318	Deep red brick colored, medium-grained marble
BR16	BL06244	Gossan from small hand dug trench
BR18	BL06245	Marble; missing sample
BR18	BL06235	Panned concentrate; abundant hematite pebbles in carbonate dominant stream gravel
BR18	BL06236	Stream sediment
BR19	BL06215	Pyritic greenstone with silicified asbestos veins as wide as 1cm; fine to medium-grained phaneritic; feldspar altered to epidote; mafic minerals altered to chlorite
BR20	BL06225	Stream sediment
BR21	BL06233	Stream sediment
BR21	BL06234	Panned concentrate; minor heavy minerals
BR22	BL06231	Stream sediment
BR22	BL06232	Panned concentrate; minor pink garnet
BR23	BL06230	Panned concentrate; 20% pink heavy minerals; 1% total heavy minerals
BR23	BL06267	Stream sediment
BR24	BL06266	Stream sediment
BR25	BL06223	Stream sediment
BR25	BL06224	Stream sediment

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
BD1	BL06380														847							
BD2	BL06394																					
BD3	BL06703	20.9		0.46		2.29	773			<0.001			328			33			0.42	13.1		
BD3	BL07956	>50		1.12		1.46	192			0.003			73			49			0.04	9.4		
BD4	BL07955	4.8		0.11		1.24	1908			0.002			126			<5			<0.01	<2		
BD4	BL07948	>50		0.5		0.3	>2000			0.002			33			88			0.04	<2		
BD5	BL07949	21.7				0.78	1849						87			<5			0.11	9.4		
BD6	BL07957	2.1		0.02		1.81	>2000			0.004			171			<5			0.07	<2		
BD7	BL07950	<0.5	<5			1.89	82	24	7				575	730		<5		2	1.19	<2	<10	160
BD7	BL07951	<0.5	<5			2.18	102	126	210				574	640		<5	<1	8	0.65	<2	<10	110
BD8	BL07954	<0.5		<0.02		2.8	1474			0.013			286			<5	1		0.04	<2		
BD8	BL07958														1050							
BD9	BL06382																					
BD9	BL06383														738							
BD10	BL07953	0.8	<5			2.52	274	411	110				744	980		<5	<1	4	0.16	<2	<10	74
BD11	BL07952	7.8		0.17		1.94	1064			<0.001			312			14			0.02	<2		
BD11	BL06702			0.61						<0.001												
BD11	BL06701	20.9		0.48		2.2	>2000			0.005			294			101	130		0.06	<2		
BD12	BL07959	24.6		0.53		0.75	19			0.003			81			28			<0.01	9.2		
BR1	BL06238	<0.5				4.75	35				<5		882			<5			1.09	<2		
BR2	BL06237	<0.5				4.74	13				<5		794			<5			1.75	<2		
BR3	BL06239	<0.5				5.05	20				<5		789			<5			2.42	<2		
BR4	BL06240	<0.5				4.78	20				<5		699			<5			2.57	<2		
BR5	BL06241	<0.5				5.3	24				<5		837			<5			2.12	<2		
BR7	BL06242	<0.5				4.86	<5				<5		729			13			2.21	<2		
BR8	BL06345	0.2					142					<5				<5						
BR9	BL06201	<0.2					<5					15				<5						
BR10	BL06202	<0.2					<5					<5				<5						
BR11	BL06203	<0.2					<5					<5				<5						
BR11	BL06268	<0.5				3.75	7				<5		684			<5			2.28	<2		
BR12	BL06220	<0.5				3.26	<5				<5		508			<5			8.39	<2		
BR13	BL09401	<0.5				0.09	36				<5		33			<5			10	<2		
BR14	BL06260	<0.5				5.36	<5				<5		809			<5			0.88	<2		
BR14	BL09402	<0.2					<5					<5				<5						
BR14	BL09403	<0.2					<5					<5				<5						
BR14	BL09404	<0.5				0.94	<5				<5		455			<5			10	<2		
BR15	BL06243	<0.2					<5					<5				<5						
BR15	BL06317	<0.5				1.72	29				<5		189			5			10	<2		
BR15	BL06318	<0.2				<0.01	<5				<5		6			<5			10	<2		
BR16	BL06244	<0.2				1.12	118				<5		75			27			0.52	<2		
BR18	BL06245																					
BR18	BL06235	<0.2					8					<5				14						
BR18	BL06236	<0.5				4.99	13				<5		814			<5			2.23	<2		
BR19	BL06215	0.2					5					<5				<5						
BR20	BL06225	<0.5				4.75	<5				<5		746			<5			1.44	<2		
BR21	BL06233	<0.5				4.7	12				<5		743			<5			2.04	<2		
BR21	BL06234	<0.2					17					<5				<5						
BR22	BL06231	<0.5				4.86	<5				<5		662			<5			1.38	<2		
BR22	BL06232	0.2					<5					<5				5						
BR23	BL06230	0.2					5					<5				8						
BR23	BL06267	<0.5				4.95	<5				<5		756			5			1.76	<2		
BR24	BL06266	<0.5				5.48	<5				<5		858			<5			1.3	<2		
BR25	BL06223	<0.5				5.23	9				<5		1084			<5			1.27	<2		
BR25	BL06224	<0.5				5.47	19				<5		1107			<5			1.6	<2		

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
BD1	BL06380																					
BD2	BL06394																					
BD3	BL06703		7		391			416				1.49		11				1.87	16		18	
BD3	BL07956		3		224			3886				1.42		<10		1.475		0.72	<5		10	
BD4	BL07955		<1		205			56				0.43		<10		0.094		0.73	5		29	
BD4	BL07948		2		162			17				1.07		10				0.11	<5		13	
BD5	BL07949		<1		222			9				0.62		<10				0.45	<5		12	
BD6	BL07957		3		224			23				0.96		<10		0.035		0.63	8		9	
BD7	BL07950		5	<10	370	520	2	21			<2	1.92	2.6	13	6		<100	0.51	66	79	19	0.5
BD7	BL07951		3	<10	400	530	3	38			<2	1.97	3.3	14	6		<100	0.57	30	54	19	<0.5
BD8	BL07954		<1		146			7				1.19		13		0.01		1.45	28		19	
BD8	BL07958	0.01																				
BD9	BL06382																					
BD9	BL06383																					
BD10	BL07953		1	<10	132	180	3	11			<2	1.41	2.1	17	5	0.021	<100	1.65	29	42	9	<0.5
BD11	BL07952		<1		289			10				0.74		<10				0.75	11		6	
BD11	BL06702								0.05													
BD11	BL06701		<1		337			42				1.31		11				1.4	18		6	
BD12	BL07959		<1		187			419	0.04			0.4		<10		0.208		0.36	<5		7	
BR1	BL06238		6		74			11				2.18		<10				0.99	27		20	
BR2	BL06237		11		98			14				2.81		11				1.05	28		31	
BR3	BL06239		11		86			11				3		<10				1	32		19	
BR4	BL06240		12		87			12				2.55		10				0.99	30		24	
BR5	BL06241		10		94			12				3.05		12				1.09	32		20	
BR7	BL06242		12		96			11				2.75		10				1.02	34		23	
BR8	BL06345		9													0.112						
BR9	BL06201		3													0.194						
BR10	BL06202		1													0.025						
BR11	BL06203		2													0.078						
BR11	BL06268		10		75			12				2.1		13				0.9	26		18	
BR12	BL06220		5		44			9				1.72		10				0.66	27		12	
BR13	BL09401		3		12			2				0.42		12				0.04	15		<2	
BR14	BL06260		11		74			15				2.48		18				1.47	32		27	
BR14	BL09402		2													0.107						
BR14	BL09403		5													0.018						
BR14	BL09404		5		39			4				1.69		<10				0.3	17		8	
BR15	BL06243		86													0.513						
BR15	BL06317		4		28			9				1.37		14				0.44	20		6	
BR15	BL06318		2		11			<1				0.91		10		0.128		0.01	13		<2	
BR16	BL06244		54		317			10				10		46		0.372		0.39	<5		<2	
BR18	BL06245																					
BR18	BL06235		13													0.12						
BR18	BL06236		12		101			14				2.9		10				1.09	28		19	
BR19	BL06215		81													0.299						
BR20	BL06225		6		85			11				2.47		11				0.96	31		16	
BR21	BL06233		83		131			13				3.32		11				0.99	26		18	
BR21	BL06234		27													0.081						
BR22	BL06231		15		130			14				3.11		11				1.27	27		21	
BR22	BL06232		15													0.199						
BR23	BL06230		33													0.082						
BR23	BL06267		24		84			16				2.82		14				1.19	28		21	
BR24	BL06266		8		88			13				2.35		15				1.22	30		21	
BR25	BL06223		11		74			15				2.57		13				1.04	28		18	
BR25	BL06224		10		81			18				2.75		11				1.11	27		19	

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA
BD1	BL06380											16										
BD2	BL06394																					
BD3	BL06703	0.18	321		54				0.55		6				18		133					
BD3	BL07956	0.1	55		37				0.04		7				10		2267					
BD4	BL07955	0.08	25		15				0.05		<5				16		70					
BD4	BL07948	0.04	36		4				0.05		<5				8		>10000		2.84			
BD5	BL07949	0.07	89		5				0.05		<5				5		4782					
BD6	BL07957	0.13	68		2				0.05		<5				7		160					
BD7	BL07950	0.55	502		13	<2			1.72	1.8	17			32	23		31					83
BD7	BL07951	0.31	484		2	10			1.35	1.6	<5			36	20		51					120
BD8	BL07954	0.34	37		<1				1.44		12				7		43					
BD8	BL07958											13										
BD9	BL06382																					
BD9	BL06383											13										
BD10	BL07953	0.41	61		3	<2			1.13	1	17			<20	4		50					240
BD11	BL07952	0.11	76		10				0.05		<5				12		1058					
BD11	BL06702																		0.07			
BD11	BL06701	0.13	237		214				0.06		<5				12		2933					
BD12	BL07959	0.05	28		12				0.07		<5				6		473		0.04			
BR1	BL06238	0.57	389		<1				1.43		12				47		9					
BR2	BL06237	0.92	255		3				0.84		16				66		16					
BR3	BL06239	0.85	720		2				1.38		14				53		10					
BR4	BL06240	1.2	573		2				1.18		15				54		16					
BR5	BL06241	0.85	422		2				1.59		17				52		13					
BR7	BL06242	0.93	631		2				1.33		16				57		17					
BR8	BL06345				16												9					
BR9	BL06201				<1												2					
BR10	BL06202				<1												<2					
BR11	BL06203				<1												<2					
BR11	BL06268	0.62	571		<1				1.11		13				46		16					
BR12	BL06220	4.5	333		2				0.72		13				41		16					
BR13	BL09401	9.98	110		2				0.03		9				77		11					
BR14	BL06260	0.55	779		2				0.96		15				48		27					
BR14	BL09402				<1												8					
BR14	BL09403				<1												3					
BR14	BL09404	10	298		1				0.09		9				58		29					
BR15	BL06243				2												4					
BR15	BL06317	9.13	366		<1				0.34		10				73		25					
BR15	BL06318	10	631		<1				0.03		7				35		<2					
BR16	BL06244	0.4	564		3				0.14		46				98		249					
BR18	BL06245																					
BR18	BL06235				8												13					
BR18	BL06236	0.97	755		2				1.49		14				55		19					
BR19	BL06215				4												6					
BR20	BL06225	0.73	537		3				1.38		14				48		19					
BR21	BL06233	1.02	3543		12				1.17		15				118		17					
BR21	BL06234				13												15					
BR22	BL06231	0.87	548		10				1.02		14				98		15					
BR22	BL06232				13												7					
BR23	BL06230				6												10					
BR23	BL06267	1.03	1532		2				1.14		16				56		18					
BR24	BL06266	0.78	423		<1				1.41		13				48		15					
BR25	BL06223	0.68	437		1				1.46		16				48		20					
BR25	BL06224	0.8	477		1				1.72		15				51		16					

Map number	Sample number	Rb ppm XRF	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Tl pct ICP
BD1	BL06380	138											202									
BD2	BL06394																					
BD3	BL06703				120						<20			68	<100				<25			0.07
BD3	BL07956				1103						<20			5	<100				<25			0.02
BD4	BL07955				60						<20			6	<100				<25			0.01
BD4	BL07948				>2000						30			10	<100				<25			<0.01
BD5	BL07949				76						<20			5	<100				<25			0.02
BD6	BL07957				97						<20			11	<100				<25			0.03
BD7	BL07950				11	9.2		10	<10	8.7	27	<200		172	<100	1	<1		<25	<20	23	0.3
BD7	BL07951				16	75		8.7	<10	6.5	<20	<200		147	<100	1	1		<25	<20	17	0.2
BD8	BL07954				51						<20			16	<100				<25			0.15
BD8	BL07958	154											261									
BD9	BL06382																					
BD9	BL06383	155											203									
BD10	BL07953				41	21.9		10	<10	5.9	<20	<200		56	<100	<1	<1		<25	<20	12	0.17
BD11	BL07952				256						<20			9	<100				<25			0.03
BD11	BL06702																					
BD11	BL06701				390						<20			13	<100			0.4	<25			0.05
BD12	BL07959				212						<20			4	<100				<25			<0.01
BR1	BL06238				22						<20			176	<100				<25			0.35
BR2	BL06237				<5						<20			145	<100				<25			0.38
BR3	BL06239				<5						<20			198	<100				<25			0.37
BR4	BL06240				<5						<20			164	<100				<25			0.36
BR5	BL06241				<5						49			196	<100				<25			0.4
BR7	BL06242				<5						103			177	<100				<25			0.4
BR8	BL06345				<5													<0.2				
BR9	BL06201				<5													<0.2				
BR10	BL06202				<5													0.3				
BR11	BL06203				<5													<0.2				
BR11	BL06268				<5						<20			166	<100				<25			0.3
BR12	BL06220				<5						34			119	<100				<25			0.21
BR13	BL09401				33						77			75	105				<25			<0.01
BR14	BL06260				<5						126			136	<100				<25			0.31
BR14	BL09402				<5													<0.2				
BR14	BL09403				<5													<0.2				
BR14	BL09404				<5						28			69	103				<25			0.06
BR15	BL06243				<5													<0.2				
BR15	BL06317				<5						31			75	<100				<25			0.1
BR15	BL06318				<5						<20			41	117			<0.2				<0.01
BR16	BL06244				14						149			8	<100			<0.2				0.04
BR18	BL06245																					
BR18	BL06235				<5													<0.2				
BR18	BL06236				<5						<20			187	<100				<25			0.36
BR19	BL06215				<5													<0.2				
BR20	BL06225				<5						<20			180	<100				<25			0.39
BR21	BL06233				9						32			150	<100				<25			0.33
BR21	BL06234				<5													<0.2				
BR22	BL06231				<5						<20			114	<100				<25			0.34
BR22	BL06232				<5													<0.2				
BR23	BL06230				<5													<0.2				
BR23	BL06267				<5						59			148	<100				<25			0.34
BR24	BL06266				<5						52			186	<100				<25			0.38
BR25	BL06223				<5						<20			179	<100				<25			0.37
BR25	BL06224				<5						<20			207	<100				<25			0.37

Map number	Sample number	Tl ppm AAS	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP
BD1	BL06380									36								158	73.04	0.22	13.4	0.48
BD2	BL06394																					
BD3	BL06703			27		<20			6			723				9						
BD3	BL07956	0.5		11		<20			<5			535				8						
BD4	BL07955	0.4		12		<20			<5			19				<5						
BD4	BL07948			<2		<20			<5			745				<5						
BD5	BL07949			7		<20			<5			2781				<5						
BD6	BL07957	0.4		4		<20			<5			51				6						
BD7	BL07950		2.8	58		<20	66		15		<5	62	<200			12	640					
BD7	BL07951		3.4	43		24	276		10		6	119	<200			8	<500					
BD8	BL07954	1.4		28		<20			<5			20				7						
BD8	BL07958									28								149	69.95	0.41	14.66	0.76
BD9	BL06382																					
BD9	BL06383									38								119	70.47	0.29	13.93	0.58
BD10	BL07953	1.7	1.2	29		<20	3		6		<5	33	<200			11	<500					
BD11	BL07952			5		<20			<5			32				8						
BD11	BL06702													0.02								
BD11	BL06701			17		<20			<5			661				10						
BD12	BL07959	<0.1		3		<20			<5			254		0.03		<5						
BR1	BL06238			88		<20			13			46				63						
BR2	BL06237			111		<20			13			101				70						
BR3	BL06239			104		<20			14			83				57						
BR4	BL06240			103		<20			13			98				63						
BR5	BL06241			110		<20			14			84				58						
BR7	BL06242			107		<20			15			94				68						
BR8	BL06345	<0.1										32										
BR9	BL06201	<0.1										27										
BR10	BL06202	<0.1										16										
BR11	BL06203	<0.1										13										
BR11	BL06268			81		<20			11			62				46						
BR12	BL06220			66		<20			8			57				40						
BR13	BL09401			23		<20			<5			7				<5						
BR14	BL06260			91		<20			14			58				64						
BR14	BL09402	0.2										39										
BR14	BL09403	<0.1										35										
BR14	BL09404			44		<20			<5			50				13						
BR15	BL06243	0.2										86										
BR15	BL06317			41		<20			<5			209				31						
BR15	BL06318	<0.1		15		<20			<5			24				<5						
BR16	BL06244	0.8		38		<20			31			927				11						
BR18	BL06245																					
BR18	BL06235	<0.1										69										
BR18	BL06236			108		<20			13			77				51						
BR19	BL06215	<0.1										64										
BR20	BL06225			92		<20			14			59				60						
BR21	BL06233			89		<20			16			172				51						
BR21	BL06234	<0.1										101										
BR22	BL06231			91		<20			13			76				63						
BR22	BL06232	0.2										65										
BR23	BL06230	0.2										108										
BR23	BL06267			93		<20			15			89				58						
BR24	BL06266			96		<20			14			65				57						
BR25	BL06223			102		<20			14			58				60						
BR25	BL06224			105		<20			13			61				56						

Map number	Sample number	FeO pct TITRA	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
BD1	BL06380	1.35	1.98	0.05	0.47	1.75	2.83	3.72	0.08	0.88	98.27
BD2	BL06394										
BD3	BL06703										
BD3	BL07956										
BD4	BL07955										
BD4	BL07948										
BD5	BL07949										
BD6	BL07957										
BD7	BL07950										
BD7	BL07951										
BD8	BL07954										
BD8	BL07958	2.47	3.5	0.08	1.01	2.69	3.08	3.63	0.12	0.49	99.63
BD9	BL06382										
BD9	BL06383	1.61	2.37	0.06	0.75	2.44	2.79	3.99	0.07	0.97	97.95
BD10	BL07953										
BD11	BL07952										
BD11	BL06702										
BD11	BL06701										
BD12	BL07959										
BR1	BL06238										
BR2	BL06237										
BR3	BL06239										
BR4	BL06240										
BR5	BL06241										
BR7	BL06242										
BR8	BL06345										
BR9	BL06201										
BR10	BL06202										
BR11	BL06203										
BR11	BL06268										
BR12	BL06220										
BR13	BL09401										
BR14	BL06260										
BR14	BL09402										
BR14	BL09403										
BR14	BL09404										
BR15	BL06243										
BR15	BL06317										
BR15	BL06318										
BR16	BL06244										
BR18	BL06245										
BR18	BL06235										
BR18	BL06236										
BR19	BL06215										
BR20	BL06225										
BR21	BL06233										
BR21	BL06234										
BR22	BL06231										
BR22	BL06232										
BR23	BL06230										
BR23	BL06267										
BR24	BL06266										
BR25	BL06223										
BR25	BL06224										

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
BR26	BL06221		66	32.563	141	23.085	SS
BR26	BL06222		66	32.559	141	23.043	SS
BR27	BL28824		66	31.989	141	16.453	PC
BR27	BL28825		66	31.989	141	16.453	SS
BR28	BL06258		66	31.076	141	11.190	SS
BR28	BL06259		66	31.076	141	11.190	PC
BR29	BL06211		66	31.057	141	18.992	R
BR29	BL06212		66	31.057	141	18.992	R
BR29	BL06213		66	31.057	141	18.992	R
BR29	BL06337		66	31.057	141	18.992	R
BR29	BL06338		66	31.057	141	18.992	R
BR29	BL28788		66	31.035	141	18.866	R
BR29	BL28789		66	31.035	141	18.866	R
BR31	BL06265		66	29.798	141	31.731	SS
BR32	BL06309		66	27.782	141	53.045	R
BR33	BL06311		66	22.575	141	56.878	R
BR33	BL06264						SS
BR34	BL09376		66	22.362	141	46.671	SS
BR35	BL09374		66	20.951	141	34.337	SS
BR36	BL06307		66	23.192	141	31.513	R
BR36	BL09378		66	23.192	141	31.513	SS
BR37	BL06312		66	24.324	141	32.207	R
BR37	BL06313		66	24.380	141	32.280	R
BR37	BL06314		66	24.380	141	32.280	R
BR37	BL06315		66	24.342	141	32.362	SS
BR37	BL09377		66	24.353	141	32.224	SS
BR38	BL06308		66	26.000	141	43.724	R
BR39	BL06229	Pink Bluff	66	27.062	141	37.555	SS
BR40	BL28784		66	26.078	141	34.627	R
BR41	BL28785		66	26.248	141	33.707	SS
BR43	BL28786		66	26.582	141	33.277	R
BR43	BL28787		66	26.582	141	33.277	R
BR44	BL06226	Pink Bluff	66	26.489	141	32.079	R
BR44	BL28775		66	26.528	141	31.963	R
BR44	BL28815	Pink Bluff	66	26.528	141	31.963	R
BR45	BL06262		66	28.965	141	23.092	SS
BR45	BL06263		66	28.965	141	23.092	PC
BR46	BL06261		66	29.533	141	20.029	SS
BR47	BL06227	Pink Bluff	66	26.419	141	33.627	R
BR47	BL06228	Pink Bluff	66	26.419	141	33.627	R
BR48	BL06257		66	28.069	141	17.154	R
BR49	BL06256		66	28.229	141	11.895	SS
BR50	BL06255		66	27.741	141	11.504	SS
BR51	BL06253		66	27.570	141	08.083	SS
BR51	BL06254		66	27.501	141	07.802	R
BR52	BL06251		66	28.650	141	02.450	SS
BR52	BL06252		66	28.650	141	02.450	PC
BR53	BL06310		66	27.865	141	00.776	R
BR54	BL06204		66	25.249	141	04.434	R
BR54	BL06205		66	25.249	141	04.434	R
BR54	BL06206		66	25.298	141	04.811	R
BR54	BL06342		66	25.257	141	04.736	R
BR54	BL06343		66	25.257	141	04.736	R
BR54	BL06344		66	25.249	141	04.434	R

Map number	Sample number	Description
BR26	BL06221	Stream sediment
BR26	BL06222	Stream sediment
BR27	BL28824	Panned concentrate from high-gradient stream. Cobbles are mostly quartzite.
BR27	BL28825	Stream sediment.
BR28	BL06258	Stream sediment
BR28	BL06259	Panned concentrate
BR29	BL06211	Altered gabbro and olivine gabbro with disseminated pyrite (0.5%) and trace chalcopyrite
BR29	BL06212	Olivine gabbro with spheroidal, partially resorbed olivine
BR29	BL06213	Gabbro with trace pyrite and chalcopyrite
BR29	BL06337	Gabbro with asbestos veins
BR29	BL06338	Gabbro with asbestos veins and trace pyrrhotite
BR29	BL28788	Dull gray-green, phyllitic siltstone which seems abnormally dense. Minor limonitic coatings on quartz lined fractures.
BR29	BL28789	Asbestos-veined pyroxene-plagioclase dike. Contains minor chalcopyrite.
BR31	BL06265	Stream sediment
BR32	BL06309	Stream sediment
BR33	BL06311	Stream sediment
BR33	BL06264	Stream sediment
BR34	BL09376	Stream sediment
BR35	BL09374	Stream sediment
BR36	BL06307	Panned concentrate
BR36	BL09378	Stream sediment
BR37	BL06312	Stream sediment
BR37	BL06313	Stream sediment
BR37	BL06314	Stream sediment
BR37	BL06315	Stream sediment
BR37	BL09377	Stream sediment
BR38	BL06308	Stream sediment
BR39	BL06229	Stream sediment
BR40	BL28784	Dolomite breccia cemented with milky-white quartz. Quartz is finely banded and crustiform.
BR41	BL28785	Stream sediment.
BR43	BL28786	Red, hematite-altered sandstone.
BR43	BL28787	Hematite- and MnO2-altered sandstone.
BR44	BL06226	Brick red, gossany, limestone / dolomite
BR44	BL28775	Black-red brown dense gossan. Pieces up to 25cm in diameter.
BR44	BL28815	Massive galena with minor(3%) calcite veining-vug fill.
BR45	BL06262	Stream sediment
BR45	BL06263	Panned concentrate
BR46	BL06261	Stream sediment
BR47	BL06227	Pyritic, stromatolitic dolomite; pyrite concentrated along calcite veins and veinlets
BR47	BL06228	Hard, black to brick red, gossan; abundant along bank of the Salmon Fork River
BR48	BL06257	Stream sediment
BR49	BL06256	Stream sediment
BR50	BL06255	Stream sediment
BR51	BL06253	Stream sediment
BR51	BL06254	Stream sediment
BR52	BL06251	Stream sediemnt
BR52	BL06252	Panned concnetrate
BR53	BL06310	Stream sediment
BR54	BL06204	Sausseritized gabbro; medium grained phaneritic, with chloritized mafic mineral; trace pyrite
BR54	BL06205	Sausseritized gabbro; medium grained phaneritic, with chloritized mafic mineral; trace pyrite; disseminated fine-grained biotite
BR54	BL06206	Limonitic phyllite
BR54	BL06342	Quartz vein rubble with Mn-oxide coatings
BR54	BL06343	Mafic intrusive dike
BR54	BL06344	Quartz vein from mafic intrusive

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
BR26	BL06221	<0.5				5.01	12				<5		990			<5			1.27	<2		
BR26	BL06222	<0.5				4.99	<5				<5		863			<5			1.47	<2		
BR27	BL28824	<0.5	<5			3.63	52	33	<5				678	840		7		3	0.08	<2	<10	490
BR27	BL28825	<0.5	<5			2.33	24	11	<5				804	1200		14		29	0.69	<2	<10	83
BR28	BL06258	<0.5				4.81	25				<5		777			5			1.3	<2		
BR28	BL06259	0.4					<5					<5				<5						
BR29	BL06211	0.2					<5					<5				<5						
BR29	BL06212														301							
BR29	BL06213														470							
BR29	BL06337	<0.2					5					<5			171	<5						
BR29	BL06338	<0.2					9					<5				<5						
BR29	BL28788		<5					30	6					340				<1			<10	60
BR29	BL28789		<5					34	6					210				<1			<10	<10
BR31	BL06265	<0.5				5.18	6				<5		843			<5			1.45	<2		
BR32	BL06309	<0.5				5.6	<5				<5		936			<5			1.36	<2		
BR33	BL06311	<0.5				5.44	<5				<5		942			<5			1.53	<2		
BR33	BL06264	<0.5				5.28	<5				<5		904			<5			1.27	<2		
BR34	BL09376	<0.5				5.76	14				<5		978			<5			1.56	<2		
BR35	BL09374	<0.5				5.27	<5				10		879			5			1.4	<2		
BR36	BL06307	0.3					<5					<5				<5						
BR36	BL09378	<0.5				5.27	<5				<5		786			5			1.38	<2		
BR37	BL06312	<0.5				5.31	<5				<5		827			<5			1.33	<2		
BR37	BL06313	<0.5				5.32	33				<5		838			5			1.47	<2		
BR37	BL06314	<0.5				6.12	28				<5		487			<5			1.49	<2		
BR37	BL06315	<0.2					9					<5				<5						
BR37	BL09377	<0.5				5.89	<5				<5		930			5			1.42	<2		
BR38	BL06308	<0.2					7					<5				<5						
BR39	BL06229	<0.5				4.21	22				<5		493			<5			2.83	<2		
BR40	BL28784		<5					34	7					<100				3			<10	<10
BR41	BL28785	<0.5	5			2.56	20	9	8				740	990		7		4	0.82	<2	<10	97
BR43	BL28786		<5					6	<5					<100				<1			<10	19
BR43	BL28787		<5					6	<5					520				<1			<10	27
BR44	BL06226	2.8				0.67	536				<5		43			27			0.77	2.2		
BR44	BL28775	<0.5		<0.02		0.7	<5						64			<5			0.12	<2		
BR44	BL28815	>50		2.3		0.03	20						12			5			0.03	<2		
BR45	BL06262	<0.5				4.79	16				<5		746			<5			1.71	<2		
BR45	BL06263	0.3					8					<5				6						
BR46	BL06261	<0.5				5.11	<5				<5		910			<5			1.34	<2		
BR47	BL06227	0.2				0.35	8				<5		17			<5			10	<2		
BR47	BL06228	<0.2				1.06	<5				<5		99			26			0.18	<2		
BR48	BL06257	<0.5				5.34	<5				7		871			<5			1.37	<2		
BR49	BL06256	<0.5				5.08	<5				<5		904			<5			1.2	<2		
BR50	BL06255	<0.5				5.01	<5				<5		824			<5			1.27	<2		
BR51	BL06253	<0.5				5.55	10				<5		855			<5			1.23	<2		
BR51	BL06254	<0.5				5.59	32				<5		859			<5			1.37	<2		
BR52	BL06251	<0.5				5.14	24				<5		737			<5			1.16	<2		
BR52	BL06252	<0.2					8					<5				5						
BR53	BL06310	<0.5				5.46	<5				16		900			<5			1.48	<2		
BR54	BL06204	0.3					<5					<5				<5						
BR54	BL06205														207							
BR54	BL06206	0.2					<5					<5				<5						
BR54	BL06342	<0.2					5					7				<5						
BR54	BL06343	0.2					<5					<5				<5						
BR54	BL06344														302							

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Ll ppm ICP	Lu ppm INAA
BR26	BL06221		11		74			12				2.65		<10				0.95	30		19	
BR26	BL06222		8		79			13				2.45		<10				1.03	30		20	
BR27	BL28824		24	36	149	170	4	27			8	5.11	6.5	18	11		<100	1.93	97	190	15	0.5
BR27	BL28825		16	25	337	510	6	48			2	2.85	4.3	13	8		<100	1.03	15	44	26	<0.5
BR28	BL06258		11		80			14				2.59		13				1.27	27		20	
BR28	BL06259		22													0.032						
BR29	BL06211		82													0.133						
BR29	BL06212																					
BR29	BL06213																					
BR29	BL06337		32													0.085	<1					
BR29	BL06338		84													0.076						
BR29	BL28788			<10		250	2				<2		1.9		8		<100			27		<0.5
BR29	BL28789			53		290	<1				<2		8.5		<2		<100			6		<0.5
BR31	BL06265		6		93			10				2.26		14				1.15	43		19	
BR32	BL06309		9		83			17				2.47		13				1.18	29		22	
BR33	BL06311		14		84			14				2.73		14				1.22	27		22	
BR33	BL06264		8		76			17				2.4		16				1.15	28		21	
BR34	BL09376		11		91			19				2.92		17				1.24	28		23	
BR35	BL09374		8		88			15				2.74		18				1.14	30		20	
BR36	BL06307		18													0.041						
BR36	BL09378		10		91			12				2.6		15				1.17	34		21	
BR37	BL06312		12		84			14				2.38		16				1.13	29		21	
BR37	BL06313		13		97			15				2.8		16				1.14	32		23	
BR37	BL06314		19		193			12				7.49		21				2.29	68		24	
BR37	BL06315		13													0.078						
BR37	BL09377		14		94			14				2.96		17				1.25	32		24	
BR38	BL06308		16													0.066						
BR39	BL06229		12		79			20				3.12		13				1.11	47		29	
BR40	BL28784			<10		110	<1				<2		<0.5		<2		<100			<5		<0.5
BR41	BL28785		13	28	199	310	4	28			3	2.45	4.1	16	9		<100	0.72	17	46	27	0.6
BR43	BL28786			<10		350	<1				<2		>10		<2		<100			10		<0.5
BR43	BL28787			19		560	<1				<2		2		4		<100			14		<0.5
BR44	BL06226		67		256			31				10		36		3.139		0.18	<5		<2	
BR44	BL28775		93		26			38				>10		29				0.25	<5		15	
BR44	BL28815		1		8			10				1.93		<10				0.01	<5		<2	
BR45	BL06262		8		72			13				2.4		12				1.17	29		21	
BR45	BL06263		25													0.111						
BR46	BL06261		14		97			16				2.86		17				1.42	32		27	
BR47	BL06227		5		9			3				0.8		<10		0.127		0.18	17		<2	
BR47	BL06228		15		331			<1				10		48		0.016		0.52	<5		4	
BR48	BL06257		17		96			13				2.84		13				1.19	34		21	
BR49	BL06256		14		86			15				2.68		15				1.3	26		24	
BR50	BL06255		13		89			15				2.43		11				1.21	28		22	
BR51	BL06253		12		81			17				2.73		12				1.3	31		25	
BR51	BL06254		11		97			13				2.63		16				1.28	35		22	
BR52	BL06251		7		73			10				2.46		<10				1.23	29		20	
BR52	BL06252		15													0.084						
BR53	BL06310		10		82			13				3.28		12				1.22	26		22	
BR54	BL06204		97													0.036						
BR54	BL06205																					
BR54	BL06206		28													0.064						
BR54	BL06342		18													0.214						
BR54	BL06343		57													0.276						
BR54	BL06344																					

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
BR26	BL06221	0.73	496		2				1.38		16				47		12						
BR26	BL06222	0.76	348		<1				1.48		17				48		15						
BR27	BL28824	0.29	991		<1	<2			0.5	0.4	16			56	43		31					180	
BR27	BL28825	0.7	682		<1	<2			0.92	1.2	12			<20	48		41					96	
BR28	BL06258	0.76	712		<1				1.21		16				50		16						
BR28	BL06259				6												17						
BR29	BL06211				5												4						
BR29	BL06212											<5											22
BR29	BL06213											<5											27
BR29	BL06337				3							5				<10	7			<20	<20		21
BR29	BL06338				3												<2			<1	14		
BR29	BL28788					<2				0.15				32								120	
BR29	BL28789					<2				2.2				140								<10	
BR31	BL06265	0.76	366		<1				1.45		13				45		19						
BR32	BL06309	0.82	376		5				1.3		9				973		15						
BR33	BL06311	0.86	583		3				1.47		14				99		14						
BR33	BL06264	0.76	383		2				1.42		14				47		17						
BR34	BL09376	0.93	447		2				1.39		12				116		12						
BR35	BL09374	0.79	434		1				1.36		11				106		12						
BR36	BL06307				7												12						
BR36	BL09378	0.81	459		2				1.35		12				112		20						
BR37	BL06312	0.77	387		2				1.28		13				97		17						
BR37	BL06313	0.86	580		4				1.25		10				80		8						
BR37	BL06314	1.68	804		6				0.52		20				110		49						
BR37	BL06315				4												8						
BR37	BL09377	0.89	525		3				1.3		13				111		16						
BR38	BL06308				2												7						
BR39	BL06229	1.89	502		3				0.56		19				55		29						
BR40	BL28784					<2				0.09				<20								<10	
BR41	BL28785	0.57	287		2	<2			1.03	1.3	12			<20	29		5					84	
BR43	BL28786					<2				<0.05				20								<10	
BR43	BL28787					<2				0.06				<20								28	
BR44	BL06226	1.1	332		4				0.35		35				178		>10000						
BR44	BL28775	0.04	1781		16				0.52		22				80		132		0.01				
BR44	BL28815	<0.01	8		10				0.05		<5				9		>10000		80.69				
BR45	BL06262	1.02	791		1				1.1		12				47		13						
BR45	BL06263				7												30						
BR46	BL06261	0.78	1406		2				1.32		17				53		25						
BR47	BL06227	10	198		<1				0.06		8				81		57						
BR47	BL06228	0.09	5940		2				0.62		49				173		17						
BR48	BL06257	0.8	953		4				1.37		18				49		18						
BR49	BL06256	0.8	603		2				1.37		16				50		16						
BR50	BL06255	0.83	580		2				1.32		15				51		20						
BR51	BL06253	0.9	537		3				1.36		14				52		16						
BR51	BL06254	0.96	563		<1				1.45		17				49		13						
BR52	BL06251	0.72	513		<1				1.19		14				46		18						
BR52	BL06252				11												16						
BR53	BL06310	0.87	648		1				1.35		14				94		21						
BR54	BL06204				3												20			2	11		
BR54	BL06205											8								<1	<5		20
BR54	BL06206				4												7						
BR54	BL06342				5												5						
BR54	BL06343				4												4						
BR54	BL06344											<5								2	<5		42

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
BR26	BL06221			<5						<20			178	<100				<25			0.37	
BR26	BL06222			<5						<20			184	<100				<25			0.39	
BR27	BL28824			<5	2.8		17	<10	39.9	<20	<200		45	<100	1	2		<25	<20	30	0.56	
BR27	BL28825			<5	1.6		17	<10	7.7	22	<200		119	<100	2	1		<25	<20	12	0.42	
BR28	BL06258			<5						22			161	<100				<25			0.36	
BR28	BL06259			<5													<0.2					0.4
BR29	BL06211			<5													<0.2					<0.1
BR29	BL06212											212										
BR29	BL06213											249										
BR29	BL06337	<5	<50	<5								125					<0.2					<0.1
BR29	BL06338			<5													<0.2					<0.1
BR29	BL28788				0.8		10	<10	4.4		<200				<1	<1			<20	10		
BR29	BL28789				2.4		37	<10	1.6		<200				<1	<1			<20	1.1		
BR31	BL06265			<5						33			199	<100				<25			0.43	
BR32	BL06309			<5						38			197	<100				<25			0.33	
BR33	BL06311			<5						88			210	<100				<25			0.35	
BR33	BL06264			<5						<20			192	<100				<25			0.36	
BR34	BL09376			<5						71			212	<100				<25			0.36	
BR35	BL09374			<5						<20			196	<100				<25			0.34	
BR36	BL06307			<5													<0.2					0.4
BR36	BL09378			<5						<20			192	<100				<25			0.39	
BR37	BL06312			<5						31			184	<100				<25			0.35	
BR37	BL06313			<5						<20			185	<100				<25			0.35	
BR37	BL06314			<5						25			32	<100				<25			0.35	
BR37	BL06315			<5													<0.2					<0.1
BR37	BL09377			<5						21			192	<100				<25			0.39	
BR38	BL06308			<5													<0.2					<0.1
BR39	BL06229			<5						<20			72	<100				<25			0.31	
BR40	BL28784				0.5		<0.5	<10	<0.2		<200				<1	<1			<20	<0.5		
BR41	BL28785			15	1.3		16	<10	7.6	<20	<200		121	<100	1	1		<25	<20	11	0.41	
BR43	BL28786				0.7		2.1	<10	2.2		<200				<1	<1			<20	2.2		
BR43	BL28787				0.4		2	<10	3.3		<200				<1	<1			<20	3.6		
BR44	BL06226			78						85			16	<100			<0.2				<0.01	0.7
BR44	BL28775			<5						<20			9	<100				<25			<0.01	
BR44	BL28815			7						<20			7	<100				<25			<0.01	
BR45	BL06262			<5						<20			156	<100				<25			0.32	
BR45	BL06263			<5													<0.2					0.3
BR46	BL06261			<5						42			188	<100				<25			0.41	
BR47	BL06227			<5						<20			56	114			<0.2				0.02	<0.1
BR47	BL06228			<5						158			12	<100			<0.2				0.04	<0.1
BR48	BL06257			<5						86			190	<100				<25			0.42	
BR49	BL06256			<5						30			178	<100				<25			0.37	
BR50	BL06255			<5						23			177	<100				<25			0.37	
BR51	BL06253			<5						38			174	<100				<25			0.38	
BR51	BL06254			<5						<20			190	<100				<25			0.42	
BR52	BL06251			<5						<20			156	<100				<25			0.35	
BR52	BL06252			<5													<0.2					0.3
BR53	BL06310			<5						<20			198	<100				<25			0.35	
BR54	BL06204			<5													<0.2					<0.1
BR54	BL06205											148										
BR54	BL06206			<5													<0.2					0.4
BR54	BL06342			<5													<0.2					<0.1
BR54	BL06343			<5													<0.2					<0.1
BR54	BL06344											30										

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
BR26	BL06221		100		<20			13			66				60							
BR26	BL06222		104		<20			13			72				56							
BR27	BL28824	5.1	139		<20	<2		14		5	88	<200			132	<500						
BR27	BL28825	3.6	111		<20	2		11		<5	189	280			75	<500						
BR28	BL06258		94		<20			13			80				58							
BR28	BL06259										90											
BR29	BL06211										81											
BR29	BL06212								19								52	47.71	0.58	15.38	0.06	9.07
BR29	BL06213								18								47	47.16	0.59	15.52	5.92	3.99
BR29	BL06337								17		133						52	46.46	0.55	14.67	2.01	7.4
BR29	BL06338										44											
BR29	BL28788	2.2				<2				<5		<200				<500						
BR29	BL28789	<0.5				<2				<5		300				<500						
BR31	BL06265		97		<20			16			51				77							
BR32	BL06309		100		<20			13			90				49							
BR33	BL06311		101		<20			13			70				49							
BR33	BL06264		103		<20			13			61				52							
BR34	BL09376		109		<20			14			74				49							
BR35	BL09374		93		<20			15			60				54							
BR36	BL06307										86											
BR36	BL09378		93		<20			15			66				57							
BR37	BL06312		92		<20			14			64				53							
BR37	BL06313		99		<20			14			72				52							
BR37	BL06314		102		<20			14			135				78							
BR37	BL06315										62											
BR37	BL09377		109		<20			15			86				55							
BR38	BL06308										61											
BR39	BL06229		105		<20			12			107				63							
BR40	BL28784	1.1				<2				<5		<200				<500						
BR41	BL28785	4.2	108		<20	<2		13		<5	86	<200			76	660						
BR43	BL28786	1.4				<2				<5		<200				<500						
BR43	BL28787	1.4				<2				<5		<200				<500						
BR44	BL06226		65		<20			48			18557				<5							
BR44	BL28775		<2		<20			<5			317		0.02		14							
BR44	BL28815		<2		<20			<5			185		<0.01		<5							
BR45	BL06262		84		<20			12			54				54							
BR45	BL06263										78											
BR46	BL06261		108		<20			14			67				70							
BR47	BL06227		20		<20			<5			188				<5							
BR47	BL06228		14		<20			16			391				14							
BR48	BL06257		111		<20			14			66				68							
BR49	BL06256		109		<20			13			72				54							
BR50	BL06255		102		<20			13			64				56							
BR51	BL06253		105		<20			13			70				56							
BR51	BL06254		106		<20			14			66				66							
BR52	BL06251		92		<20			13			58				58							
BR52	BL06252										69											
BR53	BL06310		104		<20			12			88				47							
BR54	BL06204										78											
BR54	BL06205								18								93	51.31	0.86	13.71	4.03	6.63
BR54	BL06206										29											
BR54	BL06342										45											
BR54	BL06343										90											
BR54	BL06344								10								30	87.16	0.16	4.05	1.13	1.54

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
BR26	BL06221									
BR26	BL06222									
BR27	BL28824									
BR27	BL28825									
BR28	BL06258									
BR28	BL06259									
BR29	BL06211									
BR29	BL06212	10.13	0.16	8.76	6.8	2.24	0.66	0.08	5.6	98.1
BR29	BL06213	10.36	0.16	10.15	9.16	1.85	1	0.07	3.83	99.85
BR29	BL06337	10.24	0.19	9.59	7.22	2.95	0.79	0.03	4.39	97.09
BR29	BL06338									
BR29	BL28788									
BR29	BL28789									
BR31	BL06265									
BR32	BL06309									
BR33	BL06311									
BR33	BL06264									
BR34	BL09376									
BR35	BL09374									
BR36	BL06307									
BR36	BL09378									
BR37	BL06312									
BR37	BL06313									
BR37	BL06314									
BR37	BL06315									
BR37	BL09377									
BR38	BL06308									
BR39	BL06229									
BR40	BL28784									
BR41	BL28785									
BR43	BL28786									
BR43	BL28787									
BR44	BL06226									
BR44	BL28775									
BR44	BL28815									
BR45	BL06262									
BR45	BL06263									
BR46	BL06261									
BR47	BL06227									
BR47	BL06228									
BR48	BL06257									
BR49	BL06256									
BR50	BL06255									
BR51	BL06253									
BR51	BL06254									
BR52	BL06251									
BR52	BL06252									
BR53	BL06310									
BR54	BL06204									
BR54	BL06205	11.4	0.16	7.14	11.38	1.32	0.55	0.05	2.72	100.6
BR54	BL06206									
BR54	BL06342									
BR54	BL06343									
BR54	BL06344	2.85	0.05	1.41	1.09	0.62	1.62	0.06	1.19	100.26

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
BR55	BL06250		66	24.926	141	03.858	SS
BR56	BL06249		66	24.426	141	03.858	PC
BR57	BL06209		66	24.365	141	02.393	R
BR57	BL06210		66	24.365	141	02.393	R
BR57	BL06339		66	24.366	141	02.324	SS
BR58	BL06208		66	24.000	141	02.000	SS
BR59	BL06340		66	23.900	141	01.450	R
BR60	BL06207		66	23.669	141	01.280	R
BR60	BL06341		66	23.669	141	01.280	R
BR61	BL06247		66	21.230	141	08.400	SS
BR61	BL06248		66	21.230	141	08.403	SS
BR62	BL06246		66	20.581	141	08.755	SS
BR63	BL06214	Racquet Creek	66	20.850	141	04.185	R
BR63	BL06217	Racquet Creek	66	20.767	141	03.968	R
BR64	BL06218	Racquet Creek	66	20.654	141	03.843	R
BR64	BL06271	Racquet Creek	66	20.556	141	03.619	R
BR64	BL06272	Racquet Creek	66	20.658	141	03.456	R
BR64	BL06273	Racquet Creek	66	20.693	141	03.800	R
BR64	BL06274	Racquet Creek	66	20.615	141	03.670	R
BR64	BL06279	Racquet Creek	66	20.556	141	03.619	R
BR64	BL06280	Racquet Creek	66	20.668	141	03.724	R
BR64	BL06327	Racquet Creek	66	20.784	141	03.595	R
BR64	BL06797	Racquet Creek	66	20.668	141	03.724	R
BR64	BL06799	Racquet Creek	66	20.693	141	03.800	R
BR64	BL06800	Racquet Creek	66	20.668	141	03.724	R
BR64	BL09368	Racquet Creek	66	20.668	141	03.724	SS
BR65	BL28816	Racquet Creek	66	20.619	141	03.231	PC
BR65	BL28776	Racquet Creek	66	20.512	141	03.285	R
BR66	BL06216	Racquet Creek	66	20.450	141	03.746	R
BR66	BL06219	Racquet Creek	66	20.493	141	03.801	R
BR67	BL28817	Racquet Creek	66	20.438	141	04.121	SO
BR67	BL28778	Racquet Creek	66	20.288	141	04.024	R
BR67	BL28779	Racquet Creek	66	20.288	141	04.024	R
BR67	BL28777	Racquet Creek	66	20.274	141	04.200	R
BR68	BL06269	Racquet Creek	66	20.200	141	04.265	R
BR68	BL06270	Racquet Creek	66	20.200	141	04.265	R
BR68	BL06275	Racquet Creek	66	20.200	141	04.265	R
BR68	BL06276	Racquet Creek	66	20.200	141	04.265	R
BR68	BL06277	Racquet Creek	66	20.200	141	04.265	R
BR68	BL06278	Racquet Creek	66	20.300	141	04.300	R
BR68	BL06298	Racquet Creek	66	20.259	141	04.350	R
BR68	BL06299	Racquet Creek	66	20.266	141	04.325	R
BR68	BL06300	Racquet Creek	66	20.296	141	04.228	R
BR68	BL06319	Racquet Creek	66	20.296	141	04.228	R
BR69	BL06301		66	16.750	141	05.740	SS
BR70	BL28819		66	15.900	141	09.800	PC
BR70	BL28818		66	15.900	141	09.800	SS
BR71	BL06325		66	15.600	141	05.278	SS
BR72	BL06326		66	15.147	141	05.519	SS
BR73	BL06302		66	15.061	141	06.586	R
BR73	BL06303		66	14.992	141	06.382	SS
BR73	BL06304		66	15.059	141	06.554	SS
BR73	BL06324		66	15.144	141	06.610	SO
BR74	BL06295		66	14.911	141	00.684	R

Map number	Sample number	Description
BR55	BL06250	Stream sediment
BR56	BL06249	Panned concentrate
BR57	BL06209	Stockwork of carbonate veins supporting quartzite clasts
BR57	BL06210	Conglomerate cross cut by vuggy and drusy quartz stockwork veining
BR57	BL06339	Stream sediment
BR58	BL06208	Stream sediment
BR59	BL06340	Limonitic, silicified quartzite with quartz stockwork veins
BR60	BL06207	Tertiary conglomerate cross cut by quartz veins
BR60	BL06341	Fault breccia cemented with limonite and Mn-oxides
BR61	BL06247	Stream sediment
BR61	BL06248	Stream sediment
BR62	BL06246	Stream sediment
BR63	BL06214	Foliated, and cataclastic, melanocratic green-biotite nepheline syenite; medium to coarse grained with K-spar phenocrysts, and trace plagioclase in carbonate matrix; abundant apatite, sphene and trace pyrite and pyroxene?
BR63	BL06217	Brecciated phyllite near contact of nepheline syenite intrusive; carbonate vein matrix; disseminated trace pyrite
BR64	BL06218	Coarse-grained K-spar with trace plagioclase and highly altered masses of biotite in a carbonate-talc?-grungy Fe-Ti oxide matrix; trace pyrite and coarse magnetite; Feldspars are highly fractured and milled.
BR64	BL06271	Pyritic, fine-grained, quartz? and carbonate-altered, brecciated phyllite? with 2-3% pyrite stringers and disseminations
BR64	BL06272	Remanent masses of green biotite, minor rounded plagioclase and K-spar in a chlorite-carbonate-magnetite-pyrite matrix; abundant sphene rimmed by Fe-Ti oxides, multiple generations of alteration; mm-sized calcite veinlets.
BR64	BL06273	Very coarse-grained, trachyoidal biotite-pyroxene-sphene nepheline syenite; interstitial phase altered to carbonate and talc?; pyroxene altered to chlorite and forms subaligned aggregates; trace pyrrhotite, magnetite
BR64	BL06274	Biotite clinopyroxenite; trace interstitial carbonate, thin carbonate veins have disseminated pyrite in selvages; no feldspathoids
BR64	BL06279	Massive coarse-grain K-spar, fine-grain plagioclase-bearing leuco-nepheline syenite; v f. grained interstitial quartz plus plagioclase?; interstitial hematite and other oxide minerals; highly fractured texture; trace carbonate in veinlets
BR64	BL06280	Interpenetrating coarse-grained, tabular, perthitic K-spar, magnetite-bearing lecocratic syenite?, talc? forms interstitial material to non-aligned K-spar; <1% oxide mineral aggregates; trace carbonate along fractures
BR64	BL06327	10-20% coarse-grained euhedral magnetite and trace pyrite in matrix of v. coarse-grained amphibole and pale brown biotite; amphibole altered to chlorite and then talc plus grungy Fe-Ti oxides, fractured texture; carbonate veining
BR64	BL06797	Medium-grained, lineated, hornblende, K-spar porphyry syenite; matrix consists of disseminated talc?; biotite overgrowths on hornblende
BR64	BL06799	Trachytic, biotite foidolite; 4cm-thick leucocratic band and 7cm-thick biotite-laced, coarse-grained, foliated, K-spar and nepheline, band comprise sample
BR64	BL06800	Breccia of pyroxene and K-spar-bearing rock, pyroxene and K-spar in fragmented and carbonate-veined and sheared mass; possible secondary red-brown biotite; latest chlorite veins cross cut everything; abundant secondary Fe-Ti oxides
BR64	BL09368	Stream sediment
BR65	BL28816	Panned concentrate from coarse stream sediments which are mostly black phyllite. Minor black sands and possibly scheelite are present in concentrate
BR65	BL28776	Massive green-gray chlorite-amphibole-biotite-magnetite-pyrrhotite rock associated with hornfels at intrusive contact. Radiometric reading in area is 190 CPS
BR66	BL06216	Carbonate pendant or vein rubble; chips from pit have a sooty coating
BR66	BL06219	Carbonate-white mica altered shear zone in nepheline syenite; comminuted K-spar?, nepheline? grains in flow-foliated matrix of carbonate and white mica; disseminated pyrite
BR67	BL28817	Soil sample from grus and weathered rubble from intrusive.
BR67	BL28778	Propylitic -altered medium-grained felsic intrusive with apparent foliation of coarse feldspar grains.
BR67	BL28779	Medium-grained biotite-amphibole quartz monzonite. Radiometric reading from area is 110 CPS.
BR67	BL28777	Gray-green, fine-grained, equigranular intrusive dike.
BR68	BL06269	Trachytic, porphyritic biotite, porphyritic K-spar in chaotic matrix of carbonate, trace altered interstitial nepheline, apatite, and sphene; CI=35; Trace pyrite with rare sodalite? grains; trace pyroxene?; K-spar grains fractured and veined.
BR68	BL06270	25% fine-grained, foliated, green biotite and minor coarse nepheline in a carbonate and talc? matrix; trace pyroxene and K-spar; matrix contains entrained, and comminuted fragments of nepheline syenite [Bl28779]; trace pyrite
BR68	BL06275	Medium-grained equigranular, lineated biotite-hornblende plagiofoyaite; trace disseminated sodalite?, comminuted texture with late interstitial carbonate and talc?; minor magnetite and apatite
BR68	BL06276	Medium to coarse-grained K-spar porphyry; 20% green-biotite, minor nepheline; trace amphibole and pyroxene?; fractured and comminuted, foliated texture with alteration? by carbonate, talc?, and trace pyrite
BR68	BL06277	Medium to coarse-grained, equigranular, leucocratic nepheline syenite; Subhedral, coarse-grained, green feldspathoid in matrix of white K-spar?; finely divided minerals constitute pseudomorphs of feldspathoid mineral; trace sphene
BR68	BL06278	Biotite hornfels of phyllite; elongate kyanite or andalusite crystals as large as 1cm; near syenite contact, aluminosilicate retrograde altered to talc?, white mica?
BR68	BL06298	Massive, fine-grained, melanocratic, biotite-bearing, alkali-amphibole lamprophyre dike; disseminated apatite, interstitial and vein carbonate; pale to red-brown biotite forms isolated masses of fine grains, abundant accessory minerals
BR68	BL06299	Fractured, very coarse-grained, K-spar porphyry syenite with minor plagioclase in a mortar texture matrix of carbonate white mica quartz?, white mica and Fe-Ti oxides form pseudomorphs of biotite
BR68	BL06300	Medium-grained equigranular, biotite, nepheline, K-spar syenite; disseminated sodalite?, fractured rock with intergranular mortar texture comprising K-spar, nepheline, v f grained quartz?, and white mica, secondary biotite cutting matrix
BR68	BL06319	Medium-grained, equigranular, K-spar (65-70%), biotite, pyroxene?, nepheline, syenite; abundant sphene; biotite-pyroxene-nepheline-sphene matrix; trace pyrite with minor carbonate and white mica alteration; pyroxenes altered to chlorite
BR69	BL06301	Stream sediment
BR70	BL28819	Panned concentrate; concentrates contained moderate amounts of black sands.
BR70	BL28818	Stream sediment sample from small incised tundra stream with high loess-organic content in sediment.
BR71	BL06325	Stream sediment
BR72	BL06326	Stream sediment
BR73	BL06302	Soil
BR73	BL06303	Soil
BR73	BL06304	Stream sediment
BR73	BL06324	Soil
BR74	BL06295	11cm-wide quartz vein with 2% pyrite

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
BR55	BL06250	<0.5				4.76	12				<5		656			<5			0.97	<2		
BR56	BL06249	<0.2					6					<5				<5						
BR57	BL06209	<0.2					<5					<5				<5						
BR57	BL06210	<0.2					<5					<5				<5						
BR57	BL06339	<0.2					12					<5				6						
BR58	BL06208	<0.2					8					16				<5						
BR59	BL06340	<0.5				4.74	<5				<5		383			<5			0.79	<2		
BR60	BL06207	<0.2					<5					<5				<5						
BR60	BL06341	0.5					<5					<5				9						
BR61	BL06247	<0.5				4.79	<5				7		853			<5			1.24	<2		
BR61	BL06248	<0.5				5.07	23				10		814			<5			1.48	<2		
BR62	BL06246	<0.5				5.62	<5				6		922			<5			1.32	<2		
BR63	BL06214														1249							535
BR63	BL06217																					
BR64	BL06218	0.2					<5					<5			1927	<5						16
BR64	BL06271	0.3					<5					6			153	<5						
BR64	BL06272	0.5					<5					<5			367	6						231
BR64	BL06273	<0.2					<5					<5			598	<5						456
BR64	BL06274	0.4					<5					<5			1202	<5						41
BR64	BL06279	<0.2					<5					<5			272	<5						16
BR64	BL06280	<0.2					<5					<5			529	<5						53
BR64	BL06327	<0.5				3.99	<5				<5		141		<15	5			8.83	<2		
BR64	BL06797																					
BR64	BL06799														1470							
BR64	BL06800																					
BR64	BL09368	<0.2					<5					<5				<5						
BR65	BL28816	<0.5	<5			4.98	51	70	13				808	800		56		2	2.17	<2	<10	370
BR65	BL28776	<0.5				4.23	23						302			26			>10	<2		
BR66	BL06216	<0.2					<5					<5			103	<5						17
BR66	BL06219	0.3					<5					<5			847	6						180
BR67	BL28817	<0.5	<5			4.78	<5	10	7				1106	1300		17		2	1.02	<2	<10	170
BR67	BL28778		<5					25	8					1100				<1			<10	110
BR67	BL28779			<0.02											876							
BR67	BL28777																					
BR68	BL06269														2032							416
BR68	BL06270														1413							
BR68	BL06275	<0.2					22					<5			432	<5						29
BR68	BL06276	<0.2					<5					<5			1514	<5						
BR68	BL06277	<0.2					<5					<5			343	<5						287
BR68	BL06278											<9										
BR68	BL06298	<0.2					<5					<5			408	<5						
BR68	BL06299	<0.2					<5					<5			1790	<5						
BR68	BL06300														396							
BR68	BL06319	<0.2				10	9				<5		450			<5			1.29	<2		
BR69	BL06301	<0.2					7					<5				7						
BR70	BL28819	<0.5	<5			2.94	<5	16	<5				567	690		15		<1	0.12	<2	<10	800
BR70	BL28818	<0.5	<5			3.49	<5	17	<5				737	970		43		1	0.47	<2	<10	130
BR71	BL06325																					
BR72	BL06326	<0.5				4.72	33				<5		768			<5			0.7	<2		
BR73	BL06302	<0.2					6					<5			949	<5						
BR73	BL06303	<0.5				5.85	18				8		773			5			0.68	<2		
BR73	BL06304	<0.5				6.22	16				<5		634			<5			0.11	<2		
BR73	BL06324	<0.2					<5					<5				<5						
BR74	BL06295	<0.2					<5					<5				<5						

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
BR55	BL06250		10		73			11				2.51		<10				0.99	26		26	
BR56	BL06249		19													0.098						
BR57	BL06209		<1													0.227						
BR57	BL06210		5													0.175						
BR57	BL06339		39													0.207						
BR58	BL06208		19													0.098						
BR59	BL06340		8		142			5				2.77		14				1.86	25		7	
BR60	BL06207		9													0.152						
BR60	BL06341		51													0.186						
BR61	BL06247		8		81			9				2.52		11				1.11	29		19	
BR61	BL06248		10		95			15				2.87		10				1.11	30		19	
BR62	BL06246		13		84			64				2.69		13				1.2	29		23	
BR63	BL06214										7.8									313		0.6
BR63	BL06217																					
BR64	BL06218		2								<0.5					0.07				9		<0.2
BR64	BL06271		88													0.266						
BR64	BL06272		51								3.4					0.082				130		0.2
BR64	BL06273		6								9.2					0.08				250		0.4
BR64	BL06274		73								2.3					0.123				16		<1
BR64	BL06279		1								<0.5					0.094				8		<0.2
BR64	BL06280		1								0.6					0.077				28		0.3
BR64	BL06327		35		94			27				10		28				0.77	33		21	
BR64	BL06797																					
BR64	BL06799																					
BR64	BL06800																					
BR64	BL09368		17													0.263						
BR65	BL28816		15	30	154	140	3	37			7	>10	>10	23	14		<100	1.08	103	180	61	<0.5
BR65	BL28776		43		12			109				9.38		26				1.4	184		54	
BR66	BL06216		7								0.9					0.066				7		0.2
BR66	BL06219		11								2.5					0.041				111		0.3
BR67	BL28817		9	12	193	190	4	29			4	4.18	5	24	8		<100	0.85	51	110	48	0.6
BR67	BL28778			<10		<50	<1				3		4.7		4		<100			55		<0.5
BR67	BL28779	0.01																				
BR67	BL28777																					
BR68	BL06269										6.2									243		0.5
BR68	BL06270																					
BR68	BL06275		<1								<1					0.052	<1			15		<1
BR68	BL06276		2													0.097						
BR68	BL06277		<1								4.7					0.036				161		0.4
BR68	BL06278																					
BR68	BL06298		23													0.209						
BR68	BL06299		3													0.116						
BR68	BL06300																					
BR68	BL06319		<1		42			1				1.87		22				6.39	13		18	
BR69	BL06301		34													0.142						
BR70	BL28819		4	12	269	340	6	22			10	5.47	7	16	7		<100	0.8	200	360	31	0.7
BR70	BL28818		10	13	263	320	5	36			3	4.39	5.9	15	9		<100	0.82	30	70	29	0.7
BR71	BL06325																					
BR72	BL06326		5		67			8				1.84		16				1.03	22		18	
BR73	BL06302		16													0.048						
BR73	BL06303		3		87			12				3.11		19				1.43	29		22	
BR73	BL06304		13		161			8				4.23		22				2.1	102		23	
BR73	BL06324		11													0.042						
BR74	BL06295		4													0.072						

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
BR55	BL06250	0.67	995		1				0.85		13				49		13						
BR56	BL06249				9												5						
BR57	BL06209				<1												6						
BR57	BL06210				13												7						
BR57	BL06339				7												10			<1	<5		
BR58	BL06208				3												12						
BR59	BL06340	0.48	438		3				0.55		10				109		3						
BR60	BL06207				10												8						
BR60	BL06341				10												7						
BR61	BL06247	0.71	462		1				1.57		15				47		13						
BR61	BL06248	0.86	595		2				1.54		14				52		19						
BR62	BL06246	0.77	426		3				1.62		17				61		24						
BR63	BL06214											149	230										114
BR63	BL06217																						
BR64	BL06218				5							143	<10				<2			<1	<5		198
BR64	BL06271				10							31					8			<1	5		7
BR64	BL06272				6							478	100				4			<1	<5		76
BR64	BL06273				2							364	190				3			<1	<5		217
BR64	BL06274				5							15	24				<2			<1	<5		138
BR64	BL06279				2							702	<10				<2			<1	<5		264
BR64	BL06280				3							791	22				<2			<1	<5		193
BR64	BL06327	4.56	1379		4				1.27		30	18			84		9						37
BR64	BL06797																						
BR64	BL06799											72								<1	<5		169
BR64	BL06800																						
BR64	BL09368				2												9						
BR65	BL28816	0.91	3548		4	<2			1.28	1.2	170			<20	52		22					84	
BR65	BL28776	3.59	1400		8				1.62		37				46		64						
BR66	BL06216				5							7	<10				4						15
BR66	BL06219				5							363	71				3			<1	<5		118
BR67	BL28817	0.66	680		2	<2			1.72	1.7	76			<20	33		<2					120	
BR67	BL28778					<2				2				<20								340	
BR67	BL28779											155							<0.01				245
BR67	BL28777																						
BR68	BL06269											69	170							<1	<5		204
BR68	BL06270											148								<1	<5		194
BR68	BL06275				3							131	<10			<10	8			<20	<20		232
BR68	BL06276				4							161					4			<1	<5		139
BR68	BL06277				1							119	120				31			<1	<5		330
BR68	BL06278																						
BR68	BL06298				11							156					8			<1	<5		93
BR68	BL06299				7							94					<2			<1	<5		191
BR68	BL06300											143											213
BR68	BL06319	0.21	628		4				4.54		124	139			60		<2						233
BR69	BL06301				8												10						
BR70	BL28819	0.56	1056		<1	<2			0.64	0.62	33			<20	36		20					120	
BR70	BL28818	0.69	519		<1	<2			1.05	1.2	25			69	42		23					110	
BR71	BL06325																						
BR72	BL06326	0.53	209		2				0.96		11				91		9						
BR73	BL06302				2							18					9						84
BR73	BL06303	0.63	244		1				1.29		18				47		21						
BR73	BL06304	0.56	338		7				0.93		17				103		18						
BR73	BL06324				2												10						
BR74	BL06295				10												<2						

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Tl pct ICP	Tl ppm AAS
BR55	BL06250			<5						<20			113	<100				<25			0.3	
BR56	BL06249			<5													<0.2					<0.1
BR57	BL06209			<5													<0.2					<0.1
BR57	BL06210			<5													<0.2					<0.1
BR57	BL06339			<5													<0.2					0.3
BR58	BL06208			<5													<0.2					0.2
BR59	BL06340			<5						22			20	<100				<25			0.23	
BR60	BL06207			<5													<0.2					<0.1
BR60	BL06341			<5													<0.2					0.2
BR61	BL06247			<5						39			183	<100				<25			0.4	
BR61	BL06248			10						25			180	<100				<25			0.39	
BR62	BL06246			<5						<20			195	<100				<25			0.4	
BR63	BL06214						0.7		28.7			>2000			12	3				7.1		
BR63	BL06217																					
BR64	BL06218			<5			3.3		1.8			1803			<1	<1	<0.2			3.4		0.3
BR64	BL06271			<5								553					<0.2					<0.1
BR64	BL06272			<5			0.4		12.7			1292			2.9	1	<0.2			5.2		0.3
BR64	BL06273			<5			6.8		30.8			1541			55	3	<0.2			22		0.6
BR64	BL06274			<5			8.5		6.8			321			2.4	<1	<0.2			1.1		0.3
BR64	BL06279			<5			0.3		1			244			5.1	<1	<0.2			9.1		0.4
BR64	BL06280			<5			0.9		1.9			402			24	<1	<0.2			45		0.4
BR64	BL06327			<5						115		329	343	<100				<25			1.68	
BR64	BL06797																					
BR64	BL06799											>2000										
BR64	BL06800																					
BR64	BL09368			<5													<0.2					0.3
BR65	BL28816			<5	4		16	<10	22.3	36	<200		347	<100	34	2		<25	<20	29	2.26	
BR65	BL28776			<5						34			927	<100				<25			1.29	
BR66	BL06216			<5			2.9		1.5			367			<1	<1	<0.2					<0.1
BR66	BL06219			<5			0.9		9.1			>2000			6.2	<1	<0.2			4.2		0.2
BR67	BL28817			56	1.3		14	<10	12	<20	<200		252	<100	4	2		<25	<20	12	0.68	
BR67	BL28778				1		2.1	<10	6.1		<200				13	<1			<20	3.8		
BR67	BL28779											1549										
BR67	BL28777																					
BR68	BL06269						3.2		22.9			1856			21	2				8.5		
BR68	BL06270											>2000										
BR68	BL06275	<5	<50	<5			5.6		1.3			1033			6.9	<1	<0.2			2.4		0.3
BR68	BL06276			<5								>2000					<0.2					0.2
BR68	BL06277			<5			2.1		16.6			401			30	2	<0.2			12		0.4
BR68	BL06278																					
BR68	BL06298			<5								295					<0.2					0.4
BR68	BL06299			<5								1920					<0.2					0.3
BR68	BL06300											842										
BR68	BL06319			<5						43			1039	<100				<25			0.32	
BR69	BL06301			<5													<0.2					0.3
BR70	BL28819			<5	1.9		17	<10	64.8	26	<200		45	<100	7	3		<25	<20	38	1.91	
BR70	BL28818			<5	1.3		17	<10	11	28	<200		102	<100	3	1		<25	<20	16	1.05	
BR71	BL06325																					
BR72	BL06326			<5						60			140	<100				<25			0.25	
BR73	BL06302			<5								187					<0.2					0.2
BR73	BL06303			<5						<20			135	<100				<25			0.43	
BR73	BL06304			<5						34			62	<100				<25			0.54	
BR73	BL06324			<5													<0.2					<0.1
BR74	BL06295			<5													<0.2					<0.1

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
BR55	BL06250		88		<20			12			62				54							
BR56	BL06249										77											
BR57	BL06209										12											
BR57	BL06210										9											
BR57	BL06339										142											
BR58	BL06208										63											
BR59	BL06340		90		<20			8			25				42							
BR60	BL06207										3											
BR60	BL06341										27											
BR61	BL06247		102		<20			12			62				55							
BR61	BL06248		103		<20			13			62				57							
BR62	BL06246		108		<20			13			91				59							
BR63	BL06214	<1							46	5								22.47	1.51	9.83	2.67	5.72
BR63	BL06217																					
BR64	BL06218	<1							34	<1	56						49	42.97	1.05	17.51	2.91	2.8
BR64	BL06271								25		127						209	52.32	0.66	15.06	3.38	3.7
BR64	BL06272	<1							42	2	98						315	23.89	5.37	7.19	8.33	7.98
BR64	BL06273	5							42	3	78						392	39.16	2.48	17.34	4.52	3.86
BR64	BL06274	<1							16		49						269	33.94	4.79	10.31	6.39	7.78
BR64	BL06279	<1							29	<1	31						820	56.46	0.2	20.22	5.22	0.32
BR64	BL06280	<1							31	2	22						1945	60.4	0.07	22.21	0.8	0.19
BR64	BL06327		314		<20			10	17		59				99		333					9.39
BR64	BL06797																					
BR64	BL06799								34								112	41.29	0.54	17.32	2.32	2.44
BR64	BL06800																					
BR64	BL09368										81											
BR65	BL28816	4.2	547		<20	<2		26		<5	154	<200			67	<500						
BR65	BL28776		276		<20			21			78				89							
BR66	BL06216								13	<1	25						43					1.51
BR66	BL06219	<1							46	2	114						108	26.82	2.56	11.64	3.85	6.56
BR67	BL28817	3.3	151		<20	<2		22		<5	83	<200			69	<500						
BR67	BL28778	1				<2				<5		<200				<500						
BR67	BL28779								4				<0.01				152	53.94	0.62	21.76	2.39	0.72
BR67	BL28777																					
BR68	BL06269	<1							37	4								44.54	0.73	17.26	2.41	3.22
BR68	BL06270								48								36	27.88	1.45	11.48	3.27	5.34
BR68	BL06275	<1							24	<1	49						132	53.29	0.61	21.91	1.76	1.35
BR68	BL06276								40	<1	95						21	32.94	1.24	13.11	3.47	3.86
BR68	BL06277	<1							33	3	45						385	55.33	0.23	23.94	1.31	0.32
BR68	BL06278																					
BR68	BL06298								26		129						227	42.82	2.16	11.34	1.96	8.91
BR68	BL06299								34		51						123	42.91	0.89	16.76	1.97	3.09
BR68	BL06300								26								211					1.42
BR68	BL06319		59		<20			<5	25		29				58		132					1.29
BR69	BL06301										129											
BR70	BL28819	2.9	105		<20	3		17		<5	98	<200			<5	<500						
BR70	BL28818	3.3	130		<20	4		11		5	98	<200			61	<500						
BR71	BL06325																					
BR72	BL06326		80		<20			8			47				38							
BR73	BL06302								33		50						262	63.54	0.73	12.15		
BR73	BL06303		103		<20			10			51				60							
BR73	BL06304		89		<20			9			83				48							
BR73	BL06324										52											
BR74	BL06295										17											

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
BR55	BL06250									
BR56	BL06249									
BR57	BL06209									
BR57	BL06210									
BR57	BL06339									
BR58	BL06208									
BR59	BL06340									
BR60	BL06207									
BR60	BL06341									
BR61	BL06247									
BR61	BL06248									
BR62	BL06246									
BR63	BL06214	9.02	0.3	2.39	24.44	3.69	3.75	1.8	18.85	98.04
BR63	BL06217									
BR64	BL06218	6.02	0.23	1.25	8.94	1.93	7.83	0.57	10.35	98.66
BR64	BL06271	7.49	0.18	2.44	5.8	8.6	0.19	0.12	7.48	100.34
BR64	BL06272	17.2	0.32	5.76	19.15	1.59	1.86	1.81	13.56	97.71
BR64	BL06273	8.81	0.28	2.49	9.6	3.51	5.07	0.64	8.35	97.73
BR64	BL06274	15.04	0.19	11.22	13.16	0.88	3.01	0.23	5.16	97.92
BR64	BL06279	5.58	0.15	0.24	0.86	3.67	8.72	0.09	2.26	98.44
BR64	BL06280	1.01	0.05	0.1	0.59	5.82	6.43	0.04	1.75	98.46
BR64	BL06327									
BR64	BL06797									
BR64	BL06799	5.03	0.19	1.12	8.69	7.66	5.82	1.73	8.2	97.58
BR64	BL06800									
BR64	BL09368									
BR65	BL28816									
BR65	BL28776									
BR66	BL06216									
BR66	BL06219	11.14	0.33	2.98	16.49	2.87	2.79	2.01	18.64	98.27
BR67	BL28817									
BR67	BL28778									
BR67	BL28779	3.19	0.09	0.56	1.72	5.5	8.86	0.12	2.47	98.83
BR67	BL28777									
BR68	BL06269	5.99	0.2	1.52	8.34	5.4	7.93	1.9	6.33	100.14
BR68	BL06270	9.2	0.29	2.11	19.64	3.52	4.21	1.38	17.96	99.12
BR68	BL06275	3.26	0.1	0.44	1.59	6.43	9.35	0.07	2.8	99.84
BR68	BL06276	7.76	0.28	1.69	16.36	2.4	5.13	1.26	15.81	97.98
BR68	BL06277	1.67	0.03	0.18	0.14	2.61	10.9	0.04	2.18	97.26
BR68	BL06278									
BR68	BL06298	11.86	0.36	10.75	12.55	0.48	2.03	0.99	4.41	99.75
BR68	BL06299	5.4	0.17	1.13	10.53	1.67	8.36	0.66	11.31	99.79
BR68	BL06300									
BR68	BL06319									
BR69	BL06301									
BR70	BL28819									
BR70	BL28818									
BR71	BL06325									
BR72	BL06326									
BR73	BL06302	4.05	0.04	1.32	1.31	1.71	1.68	0.16	12.96	99.65
BR73	BL06303									
BR73	BL06304									
BR73	BL06324									
BR74	BL06295									

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
BR74	BL06296		66	14.911	141	00.684	R
BR75	BL06297		66	14.694	141	00.653	R
BR75	BL06320		66	14.568	141	00.684	R
BR75	BL06321		66	14.568	141	00.684	R
BR75	BL06322		66	14.568	141	00.684	R
BR75	BL06323		66	14.568	141	00.684	R
BR76	BL06305		66	14.436	141	05.645	R
BR77	BL06306		66	14.210	141	05.012	R
BR78	BL28820		66	13.222	141	05.982	R
BR79	BL06316		66	11.817	141	05.427	SS
BR79	BL09369		66	11.817	141	05.427	SS
BR80	BL09370		66	12.778	141	11.789	SS
BR81	BL09373		66	14.268	141	23.403	SS
BR82	BL09371		66	12.444	141	22.418	SS
BR83	BL09372		66	12.327	141	32.694	SS
BR84	BL28821		66	08.633	141	17.901	PC
CR1	BL28807		65	58.919	142	28.734	PC
CR1	BL28808		65	58.919	142	28.734	R
CR1	BL28809		65	58.919	142	28.734	SS
CR2	BL28803		65	58.495	142	19.400	SO
CR2	BL28804		65	58.224	142	19.747	SO
CR3	BL28805		65	57.904	142	19.907	SO
CR3	BL28806		65	57.787	142	19.663	SO
CR4	BL28768		65	57.547	142	20.217	SO
CR4	BL28769		65	57.539	142	20.220	R
CR4	BL28770		65	57.539	142	20.220	SO
CR5	BL28771		65	57.055	142	22.490	SO
CR6	BL28810		65	54.301	142	39.808	R
CR6	BL28811		65	54.198	142	39.870	R
CR7	BL28813		65	53.720	142	40.356	SS
CR7	BL28812		65	53.711	142	40.395	SS
CR8	BL28780		65	51.672	142	44.368	SO
CR9	BL28774		65	51.452	142	44.751	SO
CR9	BL28773		65	51.433	142	44.727	SO
CR9	BL28772		65	51.241	142	44.710	SO
CR9	BL28814		65	51.152	142	44.712	R
CR10	BL28783		65	51.730	142	56.246	R
CR11	BL28781		65	06.400	143	53.410	R
CR11	BL28782		65	06.400	143	53.420	R
CR12	BL28822		65	38.245	142	39.675	PC
CR12	BL28823		65	38.245	142	39.675	SS
E1	BL09121	Flume Creek	64	59.482	142	25.954	R
E1	BL09122	Flume Creek	64	59.482	142	25.940	R
E1	BL09123	Flume Creek	64	59.482	142	25.930	R
E1	BL09124	Flume Creek	64	59.482	142	25.790	R
E1	BL09246	Flume Creek	64	59.480	142	25.950	R
E1	449-461	Flume Creek	64	59.482	142	25.930	R
E1	476-487	Flume Creek	64	59.482	142	25.930	R
E1	355-358	Flume Creek	64	59.482	142	25.930	R
E1	3 261-269	Flume Creek	64	59.482	142	25.930	R
E1	23 273	Flume Creek	64	59.482	142	25.930	R
E1	23 301	Flume Creek	64	59.482	142	25.930	R
E2	BL09244	Flume Creek	64	58.320	142	26.100	R
E2	BL09245	Flume Creek	64	58.320	142	26.100	R

Map number	Sample number	Description
BR74	BL06296	Quartzite adjacent to quartz vein of BL06295
BR75	BL06297	Random chips of quartz, vuggy quartz, and quartzite with quartz veinlets; limonite and hematite stained; <1% pyrite
BR75	BL06320	Silicified phyllite with disseminated pyrite that has been brecciated and veined with matrix-forming chlorite; rubble specimens as large as 25cm
BR75	BL06321	Silicified, carbonate-altered siltstone with <1% disseminated pyrite
BR75	BL06322	Carbonate-altered, quartz-veined phyllite with disseminated chalcopyrite (<<1%) and pyrite (<<1%)
BR75	BL06323	6.5cm-wide, coarse-grained, milky quartz vein
BR76	BL06305	36cm-wide, hematite-bearing quartz vein in quartzite
BR77	BL06306	Random chips of quartzite
BR78	BL28820	Random chip of quartz segregation boulders mixed in rubble outcrop of ?KJs. Quartz has minor limonitic stained areas.
BR79	BL06316	Stream sediment
BR79	BL09369	Panned concentrate
BR80	BL09370	Stream sediment
BR81	BL09373	Stream sediment
BR82	BL09371	Stream sediment
BR83	BL09372	Stream sediment
BR84	BL28821	Panned concentrate from gravel bar washed during high flow periods. Gravel fragments are phyllite and siltstone. Concentrate from 2 full pans; very minor black sands.
CR1	BL28807	Panned concentrate.
CR1	BL28808	Coarse-grained, poorly-sorted, non-calcareous arenite. Rock has been veined(10%) and altered. Veins are composed of quartz and MnO2.
CR1	BL28809	Stream sediment.
CR2	BL28803	Loess
CR2	BL28804	Loess
CR3	BL28805	Loess
CR3	BL28806	Loess
CR4	BL28768	Soil sample from silty loess.
CR4	BL28769	Chert pebble conglomerate with clasts up to 1.5cm in size; very siliceous.
CR4	BL28770	Soil sample from loess with minor gravels.
CR5	BL28771	Soil sample from loam-loess soil with angular cobbles of chert conglomerate
CR6	BL28810	Lithological sample of chert pebble conglomerate (?Dnrc?); strike,dip:115,75N.
CR6	BL28811	Coarse-grained arenite to pebble conglomerate. Up to 5% open space filling quartz veins with minor ?hematite along selvage. Strike,dip:N60W,75N.
CR7	BL28813	Stream sediment sample from small incised tundra stream with a high organic content in the sediment
CR7	BL28812	Stream sediment sample from small incised tundra stream with high organic-loess content in sediment
CR8	BL28780	Soil sample of tan, clayey soil with rock fragments of phyllitic siltstone. Radiometric reading from bare soil is 100 CPS.
CR9	BL28774	Soil sample from light tan, clayey soil with rock fragments of tan phyllitic mudstone-shale. Radiometric reading on bare soils is 160 CPS.
CR9	BL28773	Shallow soil sample of lt. tan clayey soil with high percentage of phyllitic shale fragments. Radiometric readings of bare soil 147 CPS.
CR9	BL28772	Soil sample. Radiometric readings in general area-140 CPS. Bedrock is varied- color phyllitic mudstone-shale.
CR9	BL28814	Green argillite from area with anomalous aerial radioactive high. Ground reading from bare rock-soil is 122 CPS.
CR10	BL28783	Light gray, highly silicic, quartzite. Irregular foliated fabric is apparent. (aquagene tuff?)
CR11	BL28781	Gray, foliated metavolcanic tuff intercalated with argillites & shaley siltstones. ?Brabb & Churkin pCu or pCv?
CR11	BL28782	Limonite-stained volcanic tuff(?).
CR12	BL28822	Panned concentrate from stream with strong Fe-oxide stain in upper creek. Stream cobbles are chert pebble conglomerate, graywacke and arenite.
CR12	BL28823	Stream sediment.
E1	BL09121	Serpentinite, Flume Creek, preserved pyroxene phenocrysts
E1	BL09122	Relatively fresh serpentinized peridotite (Harzbergite?)
E1	BL09123	Equigranular diorite; anhedral plagioclase phenocrysts
E1	BL09124	Phaneritic gabbro (mafic equivalent of BL09123)
E1	BL09246	Quartz-calcite veined altered greenstone
E1	449-461	
E1	476-487	
E1	355-358	
E1	3 261-269	
E1	23 273	
E1	23 301	
E2	BL09244	Brecciated, silicified ledge of altered greenstone
E2	BL09245	Greenstone, hyaloclastite?

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
BR74	BL06296	<0.2					<5					<5				<5						
BR75	BL06297	<0.2					<5					<5				<5						94
BR75	BL06320	<0.2					9					<5			235	<5						
BR75	BL06321	<0.2					7					<5				<5						
BR75	BL06322	0.2					<5					8				6						
BR75	BL06323	<0.2					<5					<5				<5						
BR76	BL06305	<0.5				0.42	<5				<5		16			<5			0.1	<2		
BR77	BL06306	<0.2					13					<5				<5						
BR78	BL28820		<5					4	<5					<100				<1			<10	<10
BR79	BL06316	<0.5				5.77	11				<5		783			<5			1.02	<2		
BR79	BL09369	<0.5				6.99	<5				<5		553			<5			0.27	<2		
BR80	BL09370	<0.5				5.29	19				<5		774			<5			0.73	<2		
BR81	BL09373	<0.5				5.94	20				<5		939			<5			1.33	<2		
BR82	BL09371	<0.5				5.74	<5				<5		846			<5			1.29	<2		
BR83	BL09372	<0.5				5.39	<5				6		801			<5			1.2	<2		
BR84	BL28821	<0.5	8			3.86	38	28	<5				695	860		18		<1	0.16	<2	<10	130
CR1	BL28807	<0.5	<5			0.94	24	27	<5				248	250		21		<1	0.1	<2	<10	21
CR1	BL28808	<0.5				0.73	45						141			<5			0.03	<2		
CR1	BL28809	<0.5	<5			2.4	6	16	7				832	1200		<5		6	1.22	<2	<10	78
CR2	BL28803	<0.5	<5			3	36	14	<5				966	1300		15		3	1.27	<2	<10	89
CR2	BL28804	<0.5	<5			2.48	<5	15	5				972	1300		<5		1	0.99	<2	<10	69
CR3	BL28805	<0.5	<5			2.45	36	12	<5				930	1400		7		2	1.2	<2	<10	78
CR3	BL28806	<0.5	<5			3.46	31	13	<5				1165	1400		12		3	1.55	<2	<10	67
CR4	BL28768	<0.5	<5			3.09	30	17	8				1040	1400		8		3	1.56	<2	<10	110
CR4	BL28769		<5					102	30					220				<1			<10	15
CR4	BL28770	<0.5	<5			3.1	33	16	<5				1051	1300		8		2	1.35	<2	<10	87
CR5	BL28771	<0.5	<5			2.6	34	15	<5				1004	1400		<5		2	1.49	<2	<10	88
CR6	BL28810																					
CR6	BL28811		<5					7	<5					620				<1			<10	18
CR7	BL28813	<0.5	<5			3.05	24	8	7				957	1300		15		2	1.44	<2	<10	82
CR7	BL28812	<0.5	<5			3.19	<5	14	<5				982	1000		<5		2	1.26	<2	<10	83
CR8	BL28780	<0.5	<5			3.06	21	12	<5				947	1400		11		1	0.74	<2	<10	73
CR9	BL28774	<0.5	<5			3.35	12	11	<5				798	1000		15		1	0.64	<2	<10	89
CR9	BL28773	<0.5	<5			3.24	<5	10	<5				768	980		8		<1	0.59	<2	<10	78
CR9	BL28772	<0.5	<5			2.52	17	9	<5				754	1100		<5		1	0.55	<2	<10	83
CR9	BL28814		<5					24	<5					440				<1			<10	140
CR10	BL28783																					
CR11	BL28781																					
CR11	BL28782		<5					61	6					640				2			<10	13
CR12	BL28822	<0.5	<5			2.15	12	25	<5				1508	1700		13		<1	0.1	<2	<10	55
CR12	BL28823	<0.5	<5			3.08	58	31	9				919	1100		22		2	1.08	<2	<10	82
E1	BL09121	<0.2					<5					<5			<15	<5						
E1	BL09122	<0.2					<5	<1				<5			<15	7						
E1	BL09123	<0.2					<5					<5			215	<5						
E1	BL09124	<0.2					<5					<5				<5						
E1	BL09246														82							
E1	449-461				1.3		5873					1531										
E1	476-487				1.1		3179					2238										
E1	355-358				3.6		1580					229										
E1	3 261-269				0.6		1996					429										
E1	23 273														414							
E1	23 301														1010							
E2	BL09244	<0.2					<5					5				<5						
E2	BL09245														144							

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
BR74	BL06296		4													0 174						
BR75	BL06297		29								0 8					0 106				57		0.3
BR75	BL06320		5													0 268						
BR75	BL06321		7													0 335						
BR75	BL06322		103													0 448						
BR75	BL06323		28													0 112						
BR76	BL06305		<1		179			2				0 84		<10				0 07	<5		11	
BR77	BL06306		20													0 09						
BR78	BL28820			<10		540	<1				<2		0.7		<2		<100			<5		<0.5
BR79	BL06316		14		90			16				2 86		19				1.27	29		29	
BR79	BL09369		23		216			28				5.9		21				1.99	28		37	
BR80	BL09370		8		77			12				2.44		21				1.34	29		22	
BR81	BL09373		8		76			12				2.56		15				1.25	28		22	
BR82	BL09371		8		89			12				2.56		15				1.22	34		21	
BR83	BL09372		10		81			12				2.66		17				1.11	31		20	
BR84	BL28821		20	32	143	170	5	28			2	4 42	5.6	20	6		<100	0.96	20	62	33	0 5
CR1	BL28807		6	<10	813	970	<1	31			<2	1 65	1 8	<10	5		<100	0.27	19	11	12	<0.5
CR1	BL28808		3		270			9				1 72		<10				0 24	6		11	
CR1	BL28809		8	18	175	250	3	23			<2	2.83	4.3	17	11		<100	0 67	16	41	22	0.5
CR2	BL28803		12	18	142	210	3	32			3	2.93	4.3	17	8		<100	0 55	16	41	24	<0 5
CR2	BL28804		11	12	121	170	3	33			<2	2 74	4.1	15	6		<100	0.8	11	35	25	<0.5
CR3	BL28805		11	17	127	190	3	28			2	2 64	4 1	20	9		<100	0 79	16	42	23	<0.5
CR3	BL28806		13	17	256	300	3	49			<2	3 45	4.2	16	8		<100	0.55	16	41	30	0.6
CR4	BL28768		14	26	257	480	3	41			2	3.28	6 3	20	12		<100	0.45	25	55	26	0.8
CR4	BL28769			<10		420	<1				<2		1		<2		<100			7		<0 5
CR4	BL28770		12	19	229	350	4	38			<2	3 15	5.4	14	8		<100	0.5	17	45	24	0 6
CR5	BL28771		11	18	154	180	3	38			<2	3 01	4.7	19	8		<100	0 77	15	42	25	<0.5
CR6	BL28810																					
CR6	BL28811			<10		630	<1				<2		1.5		<2		<100			8		<0.5
CR7	BL28813		13	16	173	230	3	31			<2	2 59	3.6	<10	9		<100	0 84	27	44	25	<0.5
CR7	BL28812		9	15	219	260	2	24			<2	3.21	3.7	19	12		<100	0 96	23	44	27	<0.5
CR8	BL28780		6	12	161	200	2	29			2	2 81	4.1	16	11		<100	0 58	16	44	24	<0.5
CR9	BL28774		13	19	219	250	8	49			3	3.1	4.4	20	11		<100	0.6	20	49	22	0.5
CR9	BL28773		10	10	184	230	4	22			<2	2 84	3.9	15	10		<100	0.68	17	42	29	<0.5
CR9	BL28772		11	18	71	100	4	26			3	2.3	3.7	17	7		<100	0.6	15	43	19	<0.5
CR9	BL28814			<10		170	4				<2		5.3		10		<100			67		0.8
CR10	BL28783																					
CR11	BL28781																					
CR11	BL28782			13		160	2				<2		>10		<2		<100			11		<0 5
CR12	BL28822		12	15	550	660	3	29			<2	3 16	3.7	<10	3		<100	0 56	20	27	21	<0.5
CR12	BL28823		25	33	205	270	6	41			<2	4.55	6.1	16	8		<100	0 9	18	42	29	<0.5
E1	BL09121							5								<0.01						
E1	BL09122							8								0 012	<1					
E1	BL09123							62								0 015						
E1	BL09124							74								<0.01						
E1	BL09246																					
E1	449-461							64								0 099						
E1	476-487							92								0 437						
E1	355-358							221								0 045						
E1	3 261-269							65								0 263						
E1	23 273																					
E1	23 301																					
E2	BL09244							50								<0 01						
E2	BL09245																					

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
BR74	BL06296				3												38						
BR75	BL06297				10								31				5						
BR75	BL06320				6							6					5			<1	<5		62
BR75	BL06321				2												5						
BR75	BL06322				3												9						
BR75	BL06323				4												<2						
BR76	BL06305	0.09	55		14				0.04		<5				69		30						
BR77	BL06306				6												<2						
BR78	BL28820					<2				<0.05				<20								<10	
BR79	BL06316	0.76	968		4				1.07		14				103		14						
BR79	BL09369	1.01	1091		7				0.68		18				133		18						
BR80	BL09370	0.61	255		2				0.99		14				90		14						
BR81	BL09373	0.84	408		<1				1.41		12				98		9						
BR82	BL09371	0.81	419		3				1.38		11				89		14						
BR83	BL09372	0.85	567		1				1.04		9				94		10						
BR84	BL28821	0.79	1108		<1	<2			0.78	0.74	19			51	45		10					190	
CR1	BL28807	0.15	260		13	4			0.08	0.05	<5			<20	31		24					18	
CR1	BL28808	0.04	82		10				0.06		<5				10		21						
CR1	BL28809	0.73	603		<1	<2			1.23	1.6	11			55	31		4					63	
CR2	BL28803	0.76	412		<1	<2			1.51	1.7	12			43	34		<2					62	
CR2	BL28804	0.7	337		3	<2			1.33	1.6	10			33	42		2					69	
CR3	BL28805	0.79	429		2	<2			1.39	1.7	12			<20	30		<2					77	
CR3	BL28806	0.93	521		6	<2			1.68	1.8	14			<20	44		4					93	
CR4	BL28768	0.86	607		9	2			1.45	2.2	16			52	53		13					68	
CR4	BL28769					<2				<0.05				<20								18	
CR4	BL28770	0.8	493		3	<2			1.32	1.8	13			27	42		10					88	
CR5	BL28771	0.8	557		2	<2			1.32	1.7	12			50	45		2					69	
CR6	BL28810																						
CR6	BL28811					<2				<0.05				<20								22	
CR7	BL28813	0.83	428		8	<2			1.46	1.8	12			53	46		19					70	
CR7	BL28812	0.83	421		<1	<2			1.64	1.6	14			<20	37		<2					56	
CR8	BL28780	0.68	352		<1	<2			1.41	1.6	12			<20	35		5					76	
CR9	BL28774	0.52	372		<1	<2			1.21	1.3	16			48	30		5					99	
CR9	BL28773	0.58	278		<1	<2			1.26	1.4	15			<20	27		5					84	
CR9	BL28772	0.53	289		4	<2			1.21	1.6	12			<20	26		3					83	
CR9	BL28814					<2				0.37				41								170	
CR10	BL28783																						
CR11	BL28781																						
CR11	BL28782					8				<0.05				42								<10	
CR12	BL28822	0.25	474		3	4			0.13	0.08	6			40	37		17					51	
CR12	BL28823	0.72	991		3	<2			0.92	1.1	13			45	59		23					81	
E1	BL09121		184		4							<5					<2			<1	<5		2
E1	BL09122		216		4							<5				<10	<2			<20	<20		<2
E1	BL09123		26		4							<5					4			<1	<5		8
E1	BL09124				5												5						
E1	BL09246											<5											2
E1	449-461								4									8					
E1	476-487								3									7					
E1	355-358								3									14					
E1	3 261-269								5									8					
E1	23 273																						20
E1	23 301																						40
E2	BL09244				3												<2						
E2	BL09245											9											6

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
BR74	BL06296			<5													<0.2					0.3
BR75	BL06297			<5			0.8		3						30	<1	<0.2			39		<0.1
BR75	BL06320			<5								21					<0.2					<0.1
BR75	BL06321			<5													<0.2					0.2
BR75	BL06322			<5													<0.2					<0.1
BR75	BL06323			<5													<0.2					<0.1
BR76	BL06305			<5						<20			9	<100				<25			0.03	
BR77	BL06306			<5													<0.2					0.1
BR78	BL28820				0.5		<0.5	<10	0.7		<200				<1	<1			<20	0.9		
BR79	BL06316			<5						55			150	<100				<25			0.35	
BR79	BL09369			<5						29			44	<100				<25			0.38	
BR80	BL09370			<5						86			127	<100				<25			0.37	
BR81	BL09373			<5						33			207	<100				<25			0.35	
BR82	BL09371			<5						34			197	<100				<25			0.37	
BR83	BL09372			<5						63			160	<100				<25			0.32	
BR84	BL28821			<5	1.8		17	<10	10	<20	<200		35	<100	2	1		<25	<20	15	0.55	
CR1	BL28807			14	5.9		2.6	<10	1.7	<20	<200		38	<100	<1	<1		<25	<20	2.4	0.13	
CR1	BL28808			6						<20			14	<100				<25			0.05	
CR1	BL28809			12	1.4		15	<10	6.7	<20	<200		160	<100	2	1		<25	<20	10	0.4	
CR2	BL28803			<5	1.7		16	<10	6.8	<20	<200		188	<100	<1	1		<25	<20	11	0.42	
CR2	BL28804			12	1.7		16	<10	6	<20	<200		159	<100	1	<1		<25	<20	10	0.37	
CR3	BL28805			20	1.5		16	<10	7.1	<20	<200		166	<100	2	1		<25	<20	11	0.42	
CR3	BL28806			<5	1.7		16	<10	6.8	<20	<200		216	<100	1	1		<25	<20	11	0.49	
CR4	BL28768			16	1.9		23	<10	6.6	<20	<200		201	<100	1	<1		<25	<20	12	0.45	
CR4	BL28769				3.7		2.2	<10	1.6		<200				<1	<1			<20	1.3		
CR4	BL28770			8	2.4		18	<10	6.5	<20	<200		174	<100	1	<1		<25	<20	11	0.42	
CR5	BL28771			17	2.1		17	<10	6.6	<20	<200		163	<100	1	1		<25	<20	10	0.4	
CR6	BL28810																					
CR6	BL28811				0.7		2.9	<10	0.8		<200				<1	<1			<20	2.3		
CR7	BL28813			<5	1.4		16	<10	7	<20	<200		204	<100	1	1		<25	<20	11	0.46	
CR7	BL28812			<5	1.2		15	<10	6.9	<20	<200		200	<100	1	1		<25	<20	10	0.52	
CR8	BL28780			<5	1.6		15	<10	7.1	<20	<200		158	<100	2	1		<25	<20	12	0.44	
CR9	BL28774			19	1.8		14	<10	7.9	<20	<200		135	<100	1	1		<25	<20	13	0.48	
CR9	BL28773			20	1.2		14	<10	6.5	<20	<200		144	<100	2	2		<25	<20	12	0.49	
CR9	BL28772			5	1.3		15	<10	6.9	<20	<200		132	<100	1	1		<25	<20	11	0.42	
CR9	BL28814				0.8		21	<10	10		<200				2	1			<20	22		
CR10	BL28783																					
CR11	BL28781																					
CR11	BL28782				7.7		3.6	<10	2.4		<200				<1	<1			<20	2.2		
CR12	BL28822			<5	2.4		5.5	<10	3.7	<20	<200		30	<100	<1	<1		<25	<20	5.5	0.22	
CR12	BL28823			<5	1.9		15	<10	6.6	<20	<200		132	<100	2	1		<25	<20	11	0.41	
E1	BL09121			5								5					<0.2					0.2
E1	BL09122	<5	<50	5								4					<0.2					<0.1
E1	BL09123			<5								599					<0.2					<0.1
E1	BL09124			<5													<0.2					<0.1
E1	BL09246											95										
E1	449-461																1.4					0.3
E1	476-487																0.4					0.4
E1	355-358																<0.2					0.3
E1	3 261-269																<0.2					0.5
E1	23 273											213										
E1	23 301											160										
E2	BL09244			<5													<0.2					<0.1
E2	BL09245											104										

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
BR74	BL06296										68											
BR75	BL06297	8								2	30											
BR75	BL06320								20		4						295	87 15	0 19	4 57	0 7	0 45
BR75	BL06321										3											
BR75	BL06322										52											
BR75	BL06323										12											
BR76	BL06305		11		<20			<5			15				7							
BR77	BL06306										23											
BR78	BL28820	<0.5				<2				<5		<200				<500						
BR79	BL06316		103		<20			15			81				48							
BR79	BL09369		134		<20			15			105				64							
BR80	BL09370		93		<20			11			51				52							
BR81	BL09373		95		<20			14			67				50							
BR82	BL09371		95		<20			15			53				57							
BR83	BL09372		83		<20			15			59				52							
BR84	BL28821	2.8	133		<20	<2		10		5	191	260			94	<500						
CR1	BL28807	1.2	55		<20	<2		6		<5	34	<200			45	<500						
CR1	BL28808		98		<20			<5			7				21							
CR1	BL28809	3.4	111		<20	<2		11		<5	79	<200			62	<500						
CR2	BL28803	3.4	116		<20	<2		12		<5	72	<200			62	630						
CR2	BL28804	2.8	112		<20	<2		10		<5	69	<200			53	<500						
CR3	BL28805	4	115		<20	<2		10		<5	71	<200			61	<500						
CR3	BL28806	3.2	142		<20	<2		14		<5	82	<200			72	<500						
CR4	BL28768	3.6	137		<20	3		15		<5	85	<200			69	<500						
CR4	BL28769	1.2				<2				<5		<200				<500						
CR4	BL28770	3.1	130		<20	<2		13		<5	90	<200			65	<500						
CR5	BL28771	3.2	128		<20	3		11		<5	84	<200			60	<500						
CR6	BL28810																					
CR6	BL28811	0.7				<2				<5		<200				<500						
CR7	BL28813	3.6	126		<20	<2		14		<5	84	<200			70	<500						
CR7	BL28812	3.7	127		<20	<2		14		<5	87	<200			83	<500						
CR8	BL28780	3.6	113		<20	<2		13		<5	59	<200			68	540						
CR9	BL28774	3.3	108		<20	<2		17		<5	57	<200			91	<500						
CR9	BL28773	2.8	112		<20	<2		12		<5	61	<200			78	<500						
CR9	BL28772	3.2	98		<20	2		11		<5	45	<200			66	<500						
CR9	BL28814	4.9				<2				6		<200				<500						
CR10	BL28783																					
CR11	BL28781																					
CR11	BL28782	3.6				<2				<5		290				<500						
CR12	BL28822	1.7	83		<20	<2		8		<5	99	<200			50	<500						
CR12	BL28823	3.4	138		<20	<2		14		<5	154	230			78	<500						
E1	BL09121								4		32						12	40.44	0 15	1.24	6.83	0.81
E1	BL09122								5		27						11	40	0.07	1.55	7.29	1.22
E1	BL09123								25		48						79	46 52	1.31	15.68	1.91	7.14
E1	BL09124										39											
E1	BL09246								21								67	41 88	1.09	14.7	2.6	7.14
E1	449-461													67								
E1	476-487													110								
E1	355-358													129								
E1	3 261-269													83								
E1	23 273								14								30	47 14	0 61	16 59	3 03	7 59
E1	23 301								12								25	52 37	0 48	14 33	2 41	6 63
E2	BL09244										31											
E2	BL09245								27								100	51 57	1 59	14 17	2 79	7 27

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
BR74	BL06296									
BR75	BL06297									
BR75	BL06320	1.2	<0.01	0.18	0.05	0.12	1.22	<0.03	3.83	98.51
BR75	BL06321									
BR75	BL06322									
BR75	BL06323									
BR76	BL06305									
BR77	BL06306									
BR78	BL28820									
BR79	BL06316									
BR79	BL09369									
BR80	BL09370									
BR81	BL09373									
BR82	BL09371									
BR83	BL09372									
BR84	BL28821									
CR1	BL28807									
CR1	BL28808									
CR1	BL28809									
CR2	BL28803									
CR2	BL28804									
CR3	BL28805									
CR3	BL28806									
CR4	BL28768									
CR4	BL28769									
CR4	BL28770									
CR5	BL28771									
CR6	BL28810									
CR6	BL28811									
CR7	BL28813									
CR7	BL28812									
CR8	BL28780									
CR9	BL28774									
CR9	BL28773									
CR9	BL28772									
CR9	BL28814									
CR10	BL28783									
CR11	BL28781									
CR11	BL28782									
CR12	BL28822									
CR12	BL28823									
E1	BL09121	7.74	0.12	33.73	0.1	<0.01	<0.05	0.19	14.55	98.26
E1	BL09122	8.65	0.14	34.81	0.15	<0.01	<0.05	0.06	13.51	98.94
E1	BL09123	9.85	0.17	5.56	15.09	2.02	0.6	0.08	2.6	99.48
E1	BL09124									
E1	BL09246	10.54	0.17	7.01	19.37	0.28	0.06	0.04	4.38	99.52
E1	449-461									
E1	476-487									
E1	355-358									
E1	3 261-269									
E1	23 273	10.32	0.14	6.62	7.24	2.91	0.51	<0.03	5.68	98.91
E1	23 301	8.8	0.12	6.29	5.95	1.68	1.46	<0.03	6.49	98.95
E2	BL09244									
E2	BL09245	10.87	0.16	5.93	8.74	3.78	0.22	0.16	2.7	99.89

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E3	BL09243	Flume Creek	64	58.050	142	26.300	R
E4	BL09125	Flume Creek	64	58.685	142	22.827	R
E4	BL09126	Bonanza Creek	64	58.685	142	22.827	R
E4	BL09127	Bonanza Creek	64	58.685	142	22.827	R
E4	BL09128	Bonanza Creek	64	58.685	142	22.827	R
E4	BL09241	Bonanza Creek	64	58.685	142	22.827	R
E4	BL09242	Bonanza Creek	64	58.685	142	22.827	R
E5	BL09129	Alder Creek	64	58.183	142	21.560	R
E5	BL09240	Alder Creek	64	58.183	142	21.560	R
E6	BL09130	Flanders	64	57.731	142	19.599	R
E6	BL09239	Deep Creek	64	57.731	142	19.599	R
E7	BL09141	Flanders	64	57.395	142	19.531	R
E8	BL09131	Flanders	64	57.681	142	18.641	R
E8	BL09132	Flanders	64	57.681	142	18.600	R
E8	BL09133	Flanders	64	57.681	142	18.600	R
E8	BL09140	Flanders	64	57.556	142	18.917	R
E8	BL09237	Deep Creek	64	57.681	142	18.641	R
E8	BL09238	Deep Creek	64	57.681	142	18.641	R
E9	BL09142	Flanders	64	58.038	142	18.493	R
E10	BL28878	Derwent Cr. Zn trend	64	59.228	142	11.388	SO
E10	BL28879	Derwent Cr. Zn trend	64	59.228	142	11.338	SO
E10	BL28880	Derwent Cr. Zn trend	64	59.047	142	11.595	SO
E10	BL28871	Derwent Cr. Zn Trend	64	58.990	142	11.329	R
E10	BL28872	Derwent Cr. Zn Trend	64	58.990	142	11.329	R
E10	BL28873	Derwent Cr. Zn Trend	64	58.990	142	11.329	R
E10	BL28874	Derwent Cr. Zn Trend	64	58.990	142	11.329	R
E10	BL28877	Derwent Cr. Zn Trend	64	58.990	142	11.329	R
E10	BL28875	Derwent Cr. Zn trend	64	58.990	142	11.329	SO
E10	BL28876	Derwent Cr. Zn trend	64	58.990	142	11.329	SO
E11	BL09154	Jay Creek	64	56.517	142	13.905	SO
E11	BL09155	Jay Creek	64	56.517	142	13.905	SO
E11	BL09156	Jay Creek	64	56.517	142	13.905	SO
E11	BL09157	Jay Creek	64	56.517	142	13.905	SO
E11	BL09158	Jay Creek	64	56.517	142	13.905	SO
E11	BL09159	Jay Creek	64	56.517	142	13.905	SO
E11	BL09160	Jay Creek	64	56.517	142	13.905	SO
E11	BL09161	Jay Creek	64	56.517	142	13.905	SO
E11	BL09162	Jay Creek	64	56.517	142	13.905	SO
E11	BL09163	Jay Creek	64	56.517	142	13.905	SO
E11	BL09164	Jay Creek	64	56.517	142	13.905	SO
E11	BL09165	Jay Creek	64	56.517	142	13.905	SO
E11	BL09166	Jay Creek	64	56.517	142	13.905	SO
E11	BL09167	Jay Creek	64	56.517	142	13.905	SO
E11	BL09168	Jay Creek	64	56.517	142	13.905	SO
E11	BL09169	Jay Creek	64	56.517	142	13.905	SO
E11	BL09170	Jay Creek	64	56.517	142	13.905	SO
E11	BL09171	Jay Creek	64	56.517	142	13.905	SO
E11	BL09172	Jay Creek	64	56.517	142	13.905	SO
E11	BL09173	Jay Creek	64	56.517	142	13.905	SO
E11	BL09174	Jay Creek	64	56.517	142	13.905	SO
E11	BL09252	Jay Creek	64	56.517	142	13.905	SO
E11	BL09253	Jay Creek	64	56.517	142	13.905	SO
E11	BL09254	Jay Creek	64	56.517	142	13.905	SO
E11	BL09255	Jay Creek	64	56.517	142	13.905	SO

Map number	Sample number	Description
E3	BL09243	Massive greenstone
E4	BL09125	Phaneritic gabbro (mafic equivalent of BL09123); fresher variety of BL09124
E4	BL09126	Orange-weathering, sucrous, silicified greenstone w/ limonite after pyrite and in fractures
E4	BL09127	Felsic dike w/ quartz veinlets, pyrite, sphalerite (?)
E4	BL09128	Silica-carbonate altered greenstone from contact w/ pyrite and unknown black mineral (sphalerite?) collected from back-filled trench
E4	BL09241	Porcelain-like green-colored altered rhyolite dike
E4	BL09242	Carbonate-altered diabase(?) plug
E5	BL09129	Felsic dike rock w/ sucrose texture, limonite, cut by MnO veinlets
E5	BL09240	Feldspar porphyry dike with light green aphanitic groundmass
E6	BL09130	Silicified felsic dike rock
E6	BL09239	Highly siliceous rhyolite? dike with quartz phenocrysts; MnO veinlets
E7	BL09141	Silicified rhyolite with open cavities
E8	BL09131	Green, altered felsic dike rock w/ pyrite, quartz veins and limonite
E8	BL09132	Pyrite-rich, banded silicic dike rock with vitreous quartz eyes
E8	BL09133	Phaneritic, sucrose, altered felsic rock (dacite to rhyodacite) - mafic phenocrysts and pyrite
E8	BL09140	Silicified rhyolite w/ aphanitic groundmass, beta quartz and feldspar phenocrysts, disseminated pyrite
E8	BL09237	Fine-grained equigranular, propylitically altered garnite
E8	BL09238	Rhyolite with quartz phenocrysts in aphanitic light green-gray groundmass; trace pyrite and black hairline veinlets
E9	BL09142	Feldspar porphyry rhyolite w/ accessory pyrite
E10	BL28878	Soil sample.
E10	BL28879	Soil sample from soil above bedrock of white mica schist.
E10	BL28880	Soil sample.
E10	BL28871	0.3m channel sample of milky-white quartz segregations in black graphitic schist.
E10	BL28872	1m continuous chip sample of black, graphitic argillite/phyllite with distinct yellow crust.
E10	BL28873	0.6m continuous chip sample across black graphitic argillite.
E10	BL28874	Random chip from 0.6m section of graphitic argillite.
E10	BL28877	Select chip sample of Fe-stained muscovite schist.
E10	BL28875	Soil sample from steep slope of rocky soil composed of graphitic argillite.
E10	BL28876	Soil sample.
E11	BL09154	Soil
E11	BL09155	Soil
E11	BL09156	Soil
E11	BL09157	Soil
E11	BL09158	Soil
E11	BL09159	Soil
E11	BL09160	Soil
E11	BL09161	Soil
E11	BL09162	Soil
E11	BL09163	Soil
E11	BL09164	Soil
E11	BL09165	Soil
E11	BL09166	Soil
E11	BL09167	Soil
E11	BL09168	Soil
E11	BL09169	Soil
E11	BL09170	Soil
E11	BL09171	Soil
E11	BL09172	Soil
E11	BL09173	Soil
E11	BL09174	Soil
E11	BL09252	Soil
E11	BL09253	Soil
E11	BL09254	Soil
E11	BL09255	Soil

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E3	BL09243														407							
E4	BL09125	<0.2					<5		2			<5			190	6						
E4	BL09126	0.3					25					17				<5						
E4	BL09127	<0.2					124					63				<5						
E4	BL09128	<0.2					693					319				<5						
E4	BL09241														403							
E4	BL09242														973							
E5	BL09129	<0.2					<5					<5				<5						
E5	BL09240														1250							
E6	BL09130	0.3					30					27				<5						
E6	BL09239														1887							
E7	BL09141	2					69					448				<5						
E8	BL09131	0.7					38					48				<5						
E8	BL09132	2					82					104				<5						
E8	BL09133	<0.2					<5					<5			1660	<5						
E8	BL09140	0.2					16					15				<5						
E8	BL09237														1809							
E8	BL09238														4062							
E9	BL09142	<0.2					<5					<5			2452	<5						
E10	BL28878	0.6			1	3.57	43						>2000			<5			3.06	<2		
E10	BL28879	<0.5			0.2	2.83	67						>2000			14			7.12	<2		
E10	BL28880	<0.5			0.3	3.33	62						>2000			17			9.33	<2		
E10	BL28871		<5					357	<5					3300				7			33	37
E10	BL28872				2.2																	
E10	BL28873				1.1																	
E10	BL28874				2.4																	
E10	BL28877				<0.1																	
E10	BL28875	2.8			4.1	3.48	258						>2000			20			3.69	28.4		
E10	BL28876	1.6			2.7	4.07	366						>2000			16			2.51	14.5		
E11	BL09154																					
E11	BL09155	0.2					<5					12				<5						
E11	BL09156	0.2					<5					10				<5						
E11	BL09157	0.3					<5					<5				<5						
E11	BL09158	0.4					<5					10				<5						
E11	BL09159	0.3					<5					12				6						
E11	BL09160	0.4					<5					<5				<5						
E11	BL09161	<0.2					<5					<5				<5						
E11	BL09162	<0.2					<5					6				<5						
E11	BL09163	<0.2					<5					42				<5						
E11	BL09164	0.6					<5					11				<5						
E11	BL09165	0.3					6					10				<5						
E11	BL09166	0.2					<5					<5				<5						
E11	BL09167	0.2					<5					<5				<5						
E11	BL09168	0.5					<5					18				<5						
E11	BL09169	0.5					8					8				<5						
E11	BL09170	<0.2					<5					13				<5						
E11	BL09171	0.8					17					23				<5						
E11	BL09172	0.5					11					22				6						
E11	BL09173	0.7					42					49				<5						
E11	BL09174	<0.2					<5					6				<5						
E11	BL09252														311							
E11	BL09253	<0.2					<5					<5				6						
E11	BL09254	<0.2					<5					<5				<5						
E11	BL09255	<0.2					<5					<5				<5						

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E3	BL09243																					
E4	BL09125							68								<0.01	<1					
E4	BL09126							7								0.012						
E4	BL09127							6								0.092						
E4	BL09128							17								<0.01						
E4	BL09241																					
E4	BL09242																					
E5	BL09129							6								0.135						
E5	BL09240																					
E6	BL09130							3								0.688						
E6	BL09239																					
E7	BL09141							3								5.859						
E8	BL09131							3								0.704						
E8	BL09132							4								1.436						
E8	BL09133							6								0.037						
E8	BL09140							2								1.248						
E8	BL09237																					
E8	BL09238																					
E9	BL09142							6								0.12						
E10	BL28878		21		95			75				3.19		23				1.05	31		54	
E10	BL28879		17		100			41				3.61		26				0.96	35		54	
E10	BL28880		20		92			43				3.34		23				1.1	31		64	
E10	BL28871			12		350	2				2		7.4		3		<100			27		<0.5
E10	BL28872																					
E10	BL28873																					
E10	BL28874																					
E10	BL28877																					
E10	BL28875		5		204			185				1.59		11				1.83	44		26	
E10	BL28876		9		248			261				3.31		19				1.08	47		36	
E11	BL09154																					
E11	BL09155							8								0.931						
E11	BL09156							7								0.789						
E11	BL09157							6								0.575						
E11	BL09158							17								0.673						
E11	BL09159							16								1.015						
E11	BL09160							8								0.726						
E11	BL09161							4								0.344						
E11	BL09162							8								0.312						
E11	BL09163							7								0.394						
E11	BL09164							6								0.728						
E11	BL09165							18								0.439						
E11	BL09166							4								0.819						
E11	BL09167							6								0.93						
E11	BL09168							16								1.675						
E11	BL09169							26								1.631						
E11	BL09170							12								0.181						
E11	BL09171							13								1.04						
E11	BL09172							22								1.509						
E11	BL09173							10								2.436						
E11	BL09174							3								0.17						
E11	BL09252																					
E11	BL09253							13								0.257						
E11	BL09254							10								0.218						
E11	BL09255							7								0.203						

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E3	BL09243											<5											5
E4	BL09125		289		4							<5				<10	<2			<20	<20		9
E4	BL09126		31		3												31			1	8		
E4	BL09127				4												33						
E4	BL09128				4												<2						
E4	BL09241											34											128
E4	BL09242											28											183
E5	BL09129				3												11						
E5	BL09240											15											156
E6	BL09130				7												15						
E6	BL09239											11											241
E7	BL09141				9												17						
E8	BL09131				5												15						
E8	BL09132				8												14						
E8	BL09133				7							17					19						171
E8	BL09140				5												11						
E8	BL09237											16											180
E8	BL09238											12											261
E9	BL09142				6							13					17						181
E10	BL28878	1.5	407		4			11	0.52		10				63		31						
E10	BL28879	1.51	249		1			8	0.67		12				43		23						
E10	BL28880	1.98	520		4			8	0.34		11				44		16						
E10	BL28871					56				0.07				280								60	
E10	BL28872							24															
E10	BL28873							42															
E10	BL28874							44															
E10	BL28877							6															
E10	BL28875	1.69	174		56			54	0.23		<5				234		38						
E10	BL28876	1.47	234		66			64	0.28		10				319		37						
E11	BL09154																						
E11	BL09155				2												7						
E11	BL09156				2												10						
E11	BL09157				2												11						
E11	BL09158				5												19						
E11	BL09159				4												17						
E11	BL09160				2												8						
E11	BL09161				<1												10						
E11	BL09162				3												14						
E11	BL09163				1												9						
E11	BL09164				1												11						
E11	BL09165				2												19						
E11	BL09166				1												12						
E11	BL09167				2												7						
E11	BL09168				6												11						
E11	BL09169				7												9						
E11	BL09170				7												5						
E11	BL09171				4												9						
E11	BL09172				7												7						
E11	BL09173				1												14						
E11	BL09174				4												5						
E11	BL09252											34											163
E11	BL09253				2												18						
E11	BL09254				2												18						
E11	BL09255				2												11						

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
E3	BL09243											129										
E4	BL09125	<5	<50	<5								282					<0.2					0.2
E4	BL09126			<5													<0.2					0.4
E4	BL09127			<5													<0.2					0.3
E4	BL09128			12													0.5					0.2
E4	BL09241											77										
E4	BL09242											37										
E5	BL09129			<5													<0.2					0.6
E5	BL09240											15										
E6	BL09130			<5													<0.2					1
E6	BL09239											56										
E7	BL09141			42													<0.2					1.5
E8	BL09131			<5													<0.2					1.6
E8	BL09132			15													<0.2					1.9
E8	BL09133			<5								67					<0.2					0.6
E8	BL09140			<5													<0.2					2.4
E8	BL09237											66										
E8	BL09238											69										
E9	BL09142			<5								79					<0.2					0.5
E10	BL28878			8						<20			168	<100				<25			0.3	
E10	BL28879			<5						<20			265	<100				<25			0.3	
E10	BL28880			19						<20			293	<100				<25			0.25	
E10	BL28871				55.5		7.6	80	10		<200				<1	1			<20	20		
E10	BL28872																					
E10	BL28873																					
E10	BL28874																					
E10	BL28877																					
E10	BL28875			9						24			170	<100				<25			0.12	
E10	BL28876			77						25			144	<100				<25			0.31	
E11	BL09154																					
E11	BL09155			<5													<0.2					0.5
E11	BL09156			<5													<0.2					0.2
E11	BL09157			<5													<0.2					0.4
E11	BL09158			<5													<0.2					0.5
E11	BL09159			<5													<0.2					0.5
E11	BL09160			<5													<0.2					0.2
E11	BL09161			<5													<0.2					0.4
E11	BL09162			<5													<0.2					0.3
E11	BL09163			<5													<0.2					0.3
E11	BL09164			<5													<0.2					0.3
E11	BL09165			<5													<0.2					0.3
E11	BL09166			<5													<0.2					0.2
E11	BL09167			<5													<0.2					0.3
E11	BL09168			<5													<0.2					0.2
E11	BL09169			<5													<0.2					0.3
E11	BL09170			<5													<0.2					<0.1
E11	BL09171			<5													<0.2					<0.1
E11	BL09172			<5													<0.2					<0.1
E11	BL09173			<5													<0.2					0.2
E11	BL09174			<5													<0.2					<0.1
E11	BL09252											100										
E11	BL09253			<5													<0.2					0.2
E11	BL09254			<5													<0.2					0.3
E11	BL09255			<5													<0.2					0.3

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E3	BL09243								17								44	51.57	0.6	15.17	4.07	6.75
E4	BL09125								27		59						95	49.46	1.38	14.78	2.54	8.1
E4	BL09126										40											
E4	BL09127										28											
E4	BL09128										20											
E4	BL09241								41								225	75.14	0.03	13.86	1.26	0.26
E4	BL09242								42								210	72.89	0.11	13.13	1.61	0.36
E5	BL09129										48											
E5	BL09240								35								216	74.06	0.06	13.64	1.28	0.19
E6	BL09130										4											
E6	BL09239								44								179	76.62	0.45	11.15	0.73	0.26
E7	BL09141										4											
E8	BL09131										3											
E8	BL09132										10											
E8	BL09133								54		20						370	74.87	0.29	12.98	1.33	0.13
E8	BL09140										3											
E8	BL09237								55								388	74.17	0.24	13.11	1.34	0.51
E8	BL09238								44								190	75.55	0.42	12.97	0.54	0.13
E9	BL09142								39		39						206	71.86	0.48	13.8	2.01	0.9
E10	BL28878		236	273	<20			7			232				70							
E10	BL28879		159	188	<20			<5			115				47							
E10	BL28880		157	185	<20			<5			122				47							
E10	BL28871	38				4				<5		1600				<500						
E10	BL28872			236																		
E10	BL28873			1113																		
E10	BL28874			1759																		
E10	BL28877			58																		
E10	BL28875		>2000	2300	<20			26			2541				77							
E10	BL28876		1576	1718	<20			24			2782				101							
E11	BL09154																					
E11	BL09155										35											
E11	BL09156										47											
E11	BL09157										54											
E11	BL09158										77											
E11	BL09159										80											
E11	BL09160										35											
E11	BL09161										25											
E11	BL09162										43											
E11	BL09163										29											
E11	BL09164										25											
E11	BL09165										56											
E11	BL09166										32											
E11	BL09167										27											
E11	BL09168										74											
E11	BL09169										90											
E11	BL09170										30											
E11	BL09171										28											
E11	BL09172										55											
E11	BL09173										23											
E11	BL09174										6											
E11	BL09252								28								26	77.55	0.06	13.22	0.61	0.71
E11	BL09253										56											
E11	BL09254										63											
E11	BL09255										54											

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E3	BL09243	11.57	0.23	4.56	6.25	4.82	0.16	0.09	3.48	98.5
E4	BL09125	11.55	0.2	4.99	9.53	3.87	0.8	0.1	3.05	99.71
E4	BL09126									
E4	BL09127									
E4	BL09128									
E4	BL09241	1.54	0.01	0.73	0.12	3.13	2.53	<0.03	2.43	99.52
E4	BL09242	2.01	0.02	0.76	0.47	1.12	5.21	0.04	2.61	98.37
E5	BL09129									
E5	BL09240	1.49	0.01	0.73	0.12	3.15	2.6	0.07	2.86	98.79
E6	BL09130									
E6	BL09239	1.02	<0.01	0.2	0.07	0.17	6.8	<0.03	1.37	97.85
E7	BL09141									
E8	BL09131									
E8	BL09132									
E8	BL09133	1.48	<0.01	0.19	0.1	2.34	5.57	<0.03	1.4	99.22
E8	BL09140									
E8	BL09237	1.91	<0.01	0.28	0.14	2.14	5.33	<0.03	1.55	98.87
E8	BL09238	0.69	<0.01	0.16	0.1	0.23	7.39	<0.03	1.48	98.99
E9	BL09142	3.01	0.02	0.63	0.14	0.99	4.85	0.09	2.68	98.55
E10	BL28878									
E10	BL28879									
E10	BL28880									
E10	BL28871									
E10	BL28872									
E10	BL28873									
E10	BL28874									
E10	BL28877									
E10	BL28875									
E10	BL28876									
E11	BL09154									
E11	BL09155									
E11	BL09156									
E11	BL09157									
E11	BL09158									
E11	BL09159									
E11	BL09160									
E11	BL09161									
E11	BL09162									
E11	BL09163									
E11	BL09164									
E11	BL09165									
E11	BL09166									
E11	BL09167									
E11	BL09168									
E11	BL09169									
E11	BL09170									
E11	BL09171									
E11	BL09172									
E11	BL09173									
E11	BL09174									
E11	BL09252	1.4	0.18	0.17	0.44	3.22	2	0.15	1.09	99.48
E11	BL09253									
E11	BL09254									
E11	BL09255									

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E11	BL09256	Jay Creek	64	56.517	142	13.905	SO
E11	BL09257	Jay Creek	64	56.517	142	13.905	R
E11	BL09258	Jay Creek	64	56.517	142	13.905	SO
E11	BL09259	Jay Creek	64	56.517	142	13.905	SO
E11	BL09260	Jay Creek	64	56.517	142	13.905	SO
E11	BL09261	Jay Creek	64	56.517	142	13.905	SO
E11	BL09262	Jay Creek	64	56.517	142	13.905	SO
E11	BL09263	Jay Creek	64	56.517	142	13.905	SO
E11	BL09264	Jay Creek	64	56.517	142	13.905	SO
E11	BL09265	Jay Creek	64	56.517	142	13.905	SO
E11	BL09266	Jay Creek	64	56.517	142	13.905	SO
E11	BL09267	Jay Creek	64	56.517	142	13.905	SO
E11	BL09268	Jay Creek	64	56.517	142	13.905	SO
E11	BL09269	Jay Creek	64	56.517	142	13.905	SO
E11	BL09270	Jay Creek	64	56.517	142	13.905	SO
E11	BL09271	Jay Creek	64	56.517	142	13.905	SO
E11	BL09272	Jay Creek	64	56.517	142	13.905	SO
E11	BL09273	Jay Creek	64	56.517	142	13.905	SO
E11	BL09274	Jay Creek	64	56.517	142	13.905	SO
E11	BL09275	Jay Creek	64	56.517	142	13.905	SO
E11	BL09276	Jay Creek	64	56.517	142	13.905	R
E11	BL09277	Jay Creek	64	56.517	142	13.905	SO
E11	BL09278	Jay Creek	64	56.517	142	13.905	SO
E11	BL09279	Jay Creek	64	56.517	142	13.905	SO
E11	BL09280	Jay Creek	64	56.517	142	13.905	SO
E11	BL09281	Jay Creek	64	56.517	142	13.905	R
E11	BL09282	Jay Creek	64	56.517	142	13.905	R
E11	BL09283	Jay Creek	64	56.517	142	13.905	R
E11	BL09284	Jay Creek	64	56.517	142	13.905	SO
E11	BL09285	Jay Creek	64	56.517	142	13.905	SO
E11	BL09286	Jay Creek	64	56.517	142	13.905	SO
E11	BL09287	Jay Creek	64	56.517	142	13.905	SO
E11	BL09288	Jay Creek	64	56.517	142	13.905	SO
E11	BL09289	Jay Creek	64	56.517	142	13.905	SO
E11	BL09290	Jay Creek	64	56.517	142	13.905	SO
E11	BL09291	Jay Creek	64	56.517	142	13.905	SO
E11	BL09292	Jay Creek	64	56.517	142	13.905	SO
E11	BL09293	Jay Creek	64	56.517	142	13.905	SO
E11	BL09294	Jay Creek	64	56.517	142	13.905	SO
E11	BL09295	Jay Creek	64	56.517	142	13.905	SO
E11	BL09296	Jay Creek	64	56.517	142	13.905	SO
E11	BL09297	Jay Creek	64	56.517	142	13.905	SO
E11	BL09298	Jay Creek	64	56.517	142	13.905	SO
E11	BL09299	Jay Creek	64	56.517	142	13.905	SO
E11	BL09300	Jay Creek	64	56.517	142	13.905	SO
E11	BL09320	Jay Creek	64	56.517	142	13.905	SO
E11	BL09321	Jay Creek	64	56.517	142	13.905	SO
E11	BL09322	Jay Creek	64	56.517	142	13.905	SO
E11	BL09323	Jay Creek	64	56.517	142	13.905	R
E11	BL09324	Jay Creek	64	56.517	142	13.905	SO
E11	BL09325	Jay Creek	64	56.517	142	13.905	SO
E11	BL09326	Jay Creek	64	56.517	142	13.905	R
E11	BL09379	Jay Creek	64	56.517	142	13.905	SO
E11	BL09380	Jay Creek	64	56.517	142	13.905	SO

Map number	Sample number	Description
E11	BL09256	Soil
E11	BL09257	Silicified porphyritic volcanic rock with pyrite; altered feldspar and mafic phenocrysts
E11	BL09258	Soil
E11	BL09259	Soil
E11	BL09260	Soil
E11	BL09261	Soil
E11	BL09262	Soil
E11	BL09263	Soil
E11	BL09264	Soil
E11	BL09265	Soil
E11	BL09266	Soil
E11	BL09267	Soil
E11	BL09268	Soil
E11	BL09269	Soil
E11	BL09270	Soil
E11	BL09271	Soil
E11	BL09272	Soil
E11	BL09273	Soil
E11	BL09274	Soil
E11	BL09275	Soil
E11	BL09276	Silicified feldspar porphyry plug
E11	BL09277	Soil
E11	BL09278	Soil
E11	BL09279	Soil
E11	BL09280	Silicified porphyritic volcanic rock with feldspar phenocrysts; vuggy quartz along fractures
E11	BL09281	Feldspar porphyry dike
E11	BL09282	Altered intermediate composition volcanic; visible altered mafic minerals
E11	BL09283	Silicified and altered rhyolite
E11	BL09284	Soil
E11	BL09285	Soil
E11	BL09286	Soil
E11	BL09287	Soil
E11	BL09288	Soil
E11	BL09289	Soil
E11	BL09290	Soil
E11	BL09291	Soil
E11	BL09292	Soil
E11	BL09293	Soil
E11	BL09294	Soil
E11	BL09295	Soil
E11	BL09296	Soil
E11	BL09297	Soil
E11	BL09298	Soil
E11	BL09299	Soil
E11	BL09300	Soil
E11	BL09320	Soil
E11	BL09321	Soil
E11	BL09322	Soil
E11	BL09323	Soil
E11	BL09324	Silicified feldspar porphyry granite
E11	BL09325	Soil
E11	BL09326	Dark green silicified feldspar porphyry granite
E11	BL09379	Soil
E11	BL09380	Soil

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E11	BL09256	<0.2					<5					<5				<5						
E11	BL09257	<0.2					<5					<5				<5						
E11	BL09258	<0.2					<5					<5				<5						
E11	BL09259	0.2					<5					<5				<5						
E11	BL09260	0.2					<5					8				<5						
E11	BL09261	0.5					12					11				<5						
E11	BL09262	0.3					<5					8				<5						
E11	BL09263	<0.2					<5					8				<5						
E11	BL09264	<0.2					<5					45				<5						
E11	BL09265	0.2					<5					<5				<5						
E11	BL09266	0.3					<5					<5				<5						
E11	BL09267	0.2					<5					<5				<5						
E11	BL09268	<0.2					<5					17				<5						
E11	BL09269	<0.2					<5					<5				<5						
E11	BL09270	<0.2					8					<5				<5						
E11	BL09271	<0.2					10					<5				<5						
E11	BL09272	<0.2					<5					<5				<5						
E11	BL09273	0.2					36					9				<5						
E11	BL09274	0.2					28					6				<5						
E11	BL09275	<0.2					17					<5				<5						
E11	BL09276																					
E11	BL09277	0.4					5					9				<5						
E11	BL09278	0.6					11					17				<5						
E11	BL09279	0.5					7					6				<5						
E11	BL09280																					
E11	BL09281																					
E11	BL09282																					
E11	BL09283																					
E11	BL09284	<0.2					<5					21				<5						
E11	BL09285	0.3					<5					<5				<5						
E11	BL09286	<0.2					<5					<5				<5						
E11	BL09287	<0.2					<5					<5				<5						
E11	BL09288																					
E11	BL09289	<0.2					<5					<5				<5						
E11	BL09290	<0.2					6					<5				<5						
E11	BL09291	<0.2					<5					<5				<5						
E11	BL09292	0.4					<5					8				<5						
E11	BL09293	<0.2					6					<5				<5						
E11	BL09294	<0.2					<5					<5				<5						
E11	BL09295	0.3					<5					<5				<5						
E11	BL09296	0.2					10					<5				<5						
E11	BL09297	0.3					<5					<5				5						
E11	BL09298	<0.2					27					<5				<5						
E11	BL09299	0.3					11					<5				<5						
E11	BL09300	<0.2					11					<5				<5						
E11	BL09320	<0.2					10					<5				<5						
E11	BL09321	0.2					17					7				<5						
E11	BL09322	0.2					19					7				<5						
E11	BL09323	0.2					6					<5				<5						
E11	BL09324	<0.2					<5					<5				<5						
E11	BL09325	<0.2					<5					<5				<5						
E11	BL09326	<0.2					<5					<5				<5						
E11	BL09379																					
E11	BL09380	<0.2					<5					<5				<5						

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E11	BL09256							10								0.275						
E11	BL09257							16								0.151						
E11	BL09258							9								0.572						
E11	BL09259							6								0.769						
E11	BL09260							10								0.794						
E11	BL09261							9								1.252						
E11	BL09262							7								1.272						
E11	BL09263							4								0.368						
E11	BL09264							6								0.279						
E11	BL09265							7								0.568						
E11	BL09266							6								0.553						
E11	BL09267							6								0.599						
E11	BL09268							5								0.169						
E11	BL09269							6								0.781						
E11	BL09270							10								1.274						
E11	BL09271							10								0.284						
E11	BL09272							6								0.463						
E11	BL09273							8								0.45						
E11	BL09274							7								0.574						
E11	BL09275							8								0.131						
E11	BL09276																					
E11	BL09277							7								1.054						
E11	BL09278							8								2.264						
E11	BL09279							10								1.618						
E11	BL09280																					
E11	BL09281																					
E11	BL09282																					
E11	BL09283																					
E11	BL09284							3								0.485						
E11	BL09285							14								0.667						
E11	BL09286							<1								0.033						
E11	BL09287							22								0.977						
E11	BL09288																					
E11	BL09289							11								0.168						
E11	BL09290							16								0.383						
E11	BL09291							15								0.823						
E11	BL09292							12								0.694						
E11	BL09293							6								0.514						
E11	BL09294							15								0.157						
E11	BL09295							10								0.269						
E11	BL09296							13								0.192						
E11	BL09297							9								0.091						
E11	BL09298							9								0.077						
E11	BL09299							10								0.241						
E11	BL09300							7								0.193						
E11	BL09320							8								0.259						
E11	BL09321							8								0.515						
E11	BL09322							9								0.695						
E11	BL09323							9								0.19						
E11	BL09324							8								0.248						
E11	BL09325							10								0.21						
E11	BL09326							6								0.17						
E11	BL09379																					
E11	BL09380							3								0.486						

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E11	BL09256				2												20						
E11	BL09257				5												10						
E11	BL09258				2												15						
E11	BL09259				1												9						
E11	BL09260				1												15						
E11	BL09261				2												12						
E11	BL09262				1												15						
E11	BL09263				<1												14						
E11	BL09264				1												12						
E11	BL09265				1												14						
E11	BL09266				2												22						
E11	BL09267				<1												20						
E11	BL09268				<1												7						
E11	BL09269				3												21						
E11	BL09270				2												22						
E11	BL09271				2												18						
E11	BL09272				2												21						
E11	BL09273				2												24						
E11	BL09274				2												24						
E11	BL09275				2												27						
E11	BL09276																						
E11	BL09277				2												33						
E11	BL09278				1												19						
E11	BL09279				1												14						
E11	BL09280																						
E11	BL09281																						
E11	BL09282																						
E11	BL09283																						
E11	BL09284				<1												8						
E11	BL09285				3												26						
E11	BL09286				<1												3						
E11	BL09287				3												31						
E11	BL09288																						
E11	BL09289				3												24						
E11	BL09290				3												17						
E11	BL09291				3												20						
E11	BL09292				2												13						
E11	BL09293				5												14						
E11	BL09294				2												6						
E11	BL09295				3												6						
E11	BL09296				2												5						
E11	BL09297				4												<2						
E11	BL09298				3												27						
E11	BL09299				3												19						
E11	BL09300				3												22						
E11	BL09320				2												14						
E11	BL09321				2												27						
E11	BL09322				3												24						
E11	BL09323				2												16						
E11	BL09324				3												14						
E11	BL09325				<1												7						
E11	BL09326				5												23						
E11	BL09379																						
E11	BL09380				1												12						

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
E11	BL09256			<5													<0.2					0.2
E11	BL09257			<5													0.3					0.3
E11	BL09258			<5													<0.2					<0.1
E11	BL09259			<5													<0.2					<0.1
E11	BL09260			<5													<0.2					0.2
E11	BL09261			<5													<0.2					0.2
E11	BL09262			<5													<0.2					0.2
E11	BL09263			<5													<0.2					0.2
E11	BL09264			<5													<0.2					0.3
E11	BL09265			<5													<0.2					<0.1
E11	BL09266			<5													<0.2					0.3
E11	BL09267			<5													<0.2					0.3
E11	BL09268			<5													<0.2					<0.1
E11	BL09269			<5													<0.2					0.4
E11	BL09270			<5													<0.2					0.4
E11	BL09271			<5													<0.2					0.3
E11	BL09272			<5													<0.2					0.3
E11	BL09273			<5													<0.2					0.3
E11	BL09274			<5													<0.2					0.3
E11	BL09275			<5													<0.2					0.4
E11	BL09276																					
E11	BL09277			<5													<0.2					0.4
E11	BL09278			<5													<0.2					0.3
E11	BL09279			<5													<0.2					0.3
E11	BL09280																					
E11	BL09281																					
E11	BL09282																					
E11	BL09283																					
E11	BL09284			<5													<0.2					0.2
E11	BL09285			<5													<0.2					0.2
E11	BL09286			<5													<0.2					0.3
E11	BL09287			<5													<0.2					0.5
E11	BL09288																					
E11	BL09289			<5													<0.2					0.3
E11	BL09290			<5													<0.2					0.3
E11	BL09291			<5													<0.2					0.3
E11	BL09292			<5													<0.2					0.3
E11	BL09293			<5													<0.2					0.2
E11	BL09294			<5													<0.2					<0.1
E11	BL09295			<5													<0.2					<0.1
E11	BL09296			<5													<0.2					<0.1
E11	BL09297			<5													<0.2					<0.1
E11	BL09298			<5													<0.2					0.4
E11	BL09299			<5													0.3					<0.1
E11	BL09300			<5													<0.2					0.3
E11	BL09320			<5													<0.2					0.3
E11	BL09321			<5													<0.2					0.4
E11	BL09322			<5													<0.2					0.4
E11	BL09323			<5													<0.2					0.3
E11	BL09324			<5													<0.2					0.5
E11	BL09325			<5													<0.2					0.2
E11	BL09326			<5													<0.2					0.2
E11	BL09379																					
E11	BL09380			<5													<0.2					0.5

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E11	BL09256										69											
E11	BL09257										47											
E11	BL09258										51											
E11	BL09259										49											
E11	BL09260										41											
E11	BL09261										26											
E11	BL09262										25											
E11	BL09263										26											
E11	BL09264										25											
E11	BL09265										21											
E11	BL09266										38											
E11	BL09267										33											
E11	BL09268										31											
E11	BL09269										60											
E11	BL09270										51											
E11	BL09271										48											
E11	BL09272										37											
E11	BL09273										54											
E11	BL09274										43											
E11	BL09275										66											
E11	BL09276																					
E11	BL09277										44											
E11	BL09278										24											
E11	BL09279										25											
E11	BL09280																					
E11	BL09281																					
E11	BL09282																					
E11	BL09283																					
E11	BL09284																					
E11	BL09285										25											
E11	BL09286										89											
E11	BL09287										4											
E11	BL09288										92											
E11	BL09289																					
E11	BL09290										53											
E11	BL09291										45											
E11	BL09292										55											
E11	BL09293										35											
E11	BL09294										41											
E11	BL09295										17											
E11	BL09296										21											
E11	BL09297										24											
E11	BL09298										22											
E11	BL09299										43											
E11	BL09300										35											
E11	BL09320										36											
E11	BL09321										43											
E11	BL09322										53											
E11	BL09323										57											
E11	BL09324										51											
E11	BL09325										61											
E11	BL09326										24											
E11	BL09379										41											
E11	BL09380																					
											30											

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E11	BL09256									
E11	BL09257									
E11	BL09258									
E11	BL09259									
E11	BL09260									
E11	BL09261									
E11	BL09262									
E11	BL09263									
E11	BL09264									
E11	BL09265									
E11	BL09266									
E11	BL09267									
E11	BL09268									
E11	BL09269									
E11	BL09270									
E11	BL09271									
E11	BL09272									
E11	BL09273									
E11	BL09274									
E11	BL09275									
E11	BL09276									
E11	BL09277									
E11	BL09278									
E11	BL09279									
E11	BL09280									
E11	BL09281									
E11	BL09282									
E11	BL09283									
E11	BL09284									
E11	BL09285									
E11	BL09286									
E11	BL09287									
E11	BL09288									
E11	BL09289									
E11	BL09290									
E11	BL09291									
E11	BL09292									
E11	BL09293									
E11	BL09294									
E11	BL09295									
E11	BL09296									
E11	BL09297									
E11	BL09298									
E11	BL09299									
E11	BL09300									
E11	BL09320									
E11	BL09321									
E11	BL09322									
E11	BL09323									
E11	BL09324									
E11	BL09325									
E11	BL09326									
E11	BL09379									
E11	BL09380									

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E11	BL09381	Jay Creek	64	56.517	142	13.905	SO
E11	BL09382	Jay Creek	64	56.517	142	13.905	SO
E12	BL09306	Jay Creek	64	55.356	142	11.686	R
E13	BL09311		64	54.483	142	11.461	R
E13	BL09312		64	54.441	142	11.404	R
E13	BL09313		64	54.441	142	11.404	R
E14	BL27962		64	53.970	142	07.343	PC
E14	BL27964	Deer Creek	64	53.970	142	07.343	R
E14	BL27963		64	53.970	142	07.343	SS
E14	BL27965		64	53.910	142	07.492	PC
E14	BL27966		64	53.910	142	07.492	SS
E15	BL27971		64	53.464	142	05.178	R
E15	BL27961	Deer Creek	64	53.355	142	05.208	R
E16	BL09135	Suter Creek	64	55.428	142	04.221	R
E17	BL09134	Suter Creek	64	55.637	142	04.866	R
E18	BL28795		64	46.645	142	37.371	R
E18	BL09136	Suter Creek	64	55.732	142	04.308	R
E18	BL09235	Suter Creek	64	55.820	142	04.200	R
E19	BL28792		64	45.658	142	36.603	R
E19	BL09398	Bear Creek	64	57.767	141	54.000	SS
E19	BL09399	Bear Creek	64	57.930	141	53.700	R
E20	BL09400	Bear Creek	64	58.000	141	53.200	SS
E20	BL09419	Bear Creek	64	58.100	141	53.250	R
E20	BL09420	Bear Creek	64	58.000	141	52.800	SS
E21	BL09365	Bear Creek	64	58.119	141	51.676	SO
E21	BL09421	Bear Creek	64	58.000	141	52.200	SS
E21	BL09422	Bear Creek	64	57.930	141	51.700	R
E22	BL09361	Bear Creek	64	57.861	141	50.897	SO
E22	BL09362	Bear Creek	64	57.940	141	50.781	SS
E22	BL09363	Bear Creek	64	57.945	141	51.046	SO
E23	BL09411	Bear Creek	64	58.191	141	51.042	R
E24	BL09359	Bear Creek	64	58.049	141	50.543	SS
E24	BL09360	Bear Creek	64	57.907	141	50.536	SO
E25	BL09355	Bear Creek	64	58.019	141	49.166	SO
E26	BL09356	Bear Creek	64	57.772	141	49.990	SO
E26	BL09357	Bear Creek	64	57.772	141	49.990	SS
E26	BL09358	Bear Creek	64	57.979	141	49.971	SO
E28	BL09412	Bear Creek	64	57.368	141	51.304	SS
E28	BL09413	Bear Creek	64	57.239	141	51.066	SS
E28	BL09414	Bear Creek	64	57.101	141	51.071	SS
E29	BL09415	Bear Creek	64	56.941	141	51.143	R
E29	BL09416	Bear Creek	64	56.941	141	51.143	SS
E29	BL09417	Bear Creek	64	56.807	141	51.277	SS
E30	BL09137	Ptarmigan Hill	64	54.639	141	51.380	R
E30	BL09138	Ptarmigan Hill	64	54.639	141	51.380	R
E31	BL09410	Ptarmigan Hill	64	54.354	141	50.834	R
E31	BL09423	Ptarmigan Hill	64	54.354	141	50.834	R
E31	71581 77-	Ptarmigan Hill	64	54.354	141	50.834	R
E31	3639 158-	Ptarmigan Hill	64	54.354	141	50.834	R
E31	73655 70-	Ptarmigan Hill	64	54.354	141	50.834	R
E31	71581 77	Ptarmigan Hill	64	54.354	141	50.834	R
E31	73640 41	Ptarmigan Hill	64	54.354	141	50.834	R
E31	73655 10-	Ptarmigan Hill	64	54.354	141	50.834	R
E31	73655 20-	Ptarmigan Hill	64	54.354	141	50.834	R

Map number	Sample number	Description
E11	BL09381	Soil
E11	BL09382	Soil
E12	BL09306	Massive green basalt; weakly altered
E13	BL09311	Hornblende quartz monzo-diorite; slight foliation; medium-grained. Ar-Ar date 0f 185 Ma
E13	BL09312	Medium-grained hornblende quartz syenite; hematite-chlorite alteration in all rocks
E13	BL09313	Hematite-veined, epidote-altered hornblende quartz syenite; 10-15% hematite
E14	BL27962	Panned concentrate.
E14	BL27964	Sample consists of black and white clay-rich gouge and gossany selvage from shear zone.
E14	BL27963	Stream sediment sample. Stream gravel has moderate to heavy coating of limonite.
E14	BL27965	Panned concentrate.
E14	BL27966	Stream sediment.
E15	BL27971	Random grab of felsic intrusive from rubble crop.
E15	BL27961	Limonite-coated cyrstal-lithic breccia associated with slickensides in rubble crop.
E16	BL09135	Grey "quartz rock"
E17	BL09134	Grey, silicified igneous rock with pyrite (cf Streckeisen / quartz rock ?)
E18	BL28795	Milky-white, coarse-grained quartz vein with as much as 4% fine to coarse arsenopyrite-pyrite.
E18	BL09136	Pyritic, altered grey "quartz rock"
E18	BL09235	Fine-grained equigranular chloritized granite
E19	BL28792	Sulfide(10%)-bearing quartz vein up to 12cm thick. Sulfides are arsenopyrite, sphalerite, pyrite, galena, and chalcopyrite.
E19	BL09398	Soil
E19	BL09399	Chert pebble conglomerate
E20	BL09400	Stream sediment
E20	BL09419	Conglomerate and sandstone
E20	BL09420	Stream sediment
E21	BL09365	Soil
E21	BL09421	Stream sediment
E21	BL09422	Conglomeritic sandstone
E22	BL09361	Soil
E22	BL09362	Soil
E22	BL09363	Soil
E23	BL09411	Fe-oxide-veined, silicified conglomerate with Fe-oxide staining
E24	BL09359	Soil
E24	BL09360	Soil
E25	BL09355	Soil
E26	BL09356	Soil
E26	BL09357	Soil
E26	BL09358	Soil
E28	BL09412	Stream sediment
E28	BL09413	Stream sediment
E28	BL09414	Stream sediment
E29	BL09415	Stream cobble of silicified pebble conglomerate
E29	BL09416	Stream sediment
E29	BL09417	Stream sediment
E30	BL09137	Quartz pebble conglomerate w/ serpentinite clasts and pebbles, quartz, and quartz-mica schist pebbles; chalcedony and limonite
E30	BL09138	Medium to coarse-grained graywacke
E31	BL09410	Coarse-grained salt and pepper sandstone; silicified with coarse, white hydrothermal white mica
E31	BL09423	Silicified conglomerate; limonite-stained vugs
E31	71581 77-	
E31	3639 158-	
E31	73655 70-	
E31	71581 77	
E31	73640 41	
E31	73655 10-	
E31	73655 20-	

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E11	BL09381	<0.2					8					<5				<5						
E11	BL09382	<0.2					<5					<5				<5						
E12	BL09306														318							
E13	BL09311														1759							
E13	BL09312														1918							
E13	BL09313	<0.2					<5					<5				5						
E14	BL27962	<0.5	<5			2.69	162	239	33				1670	2500		22		2	0.46	<2	<10	58
E14	BL27964	<0.5	<5			2.1	79	31	<5				1187	1900		<5			0.07	<2	<10	31
E14	BL27963	<0.2				0.3	77						55			12			4	<1		
E14	BL27965	0.6	7			3.63	93	118	12				1475	1800		38		2	1.3	<2	<10	53
E14	BL27966	<0.2				0.1	23						90			<5			4	<1		
E15	BL27971																					
E15	BL27961		<5					3	<5					260							<10	10
E16	BL09135	<0.2					<5					<5				<5						
E17	BL09134	<0.2					<5					<5				<5						
E18	BL28795	0.6	<26			1.22	>2000	>10000	<64				103	<660		<5		<139	0.32	58	74	<150
E18	BL09136	<0.2					<5					<5				<5						
E18	BL09235														85							
E19	BL28792		<25					>10000	<54					<600				<140			140	7
E19	BL09398	0.2					<5					<5				<5						
E19	BL09399	<0.2					<5									<5						
E20	BL09400	0.3					<5					<5				<5						
E20	BL09419	0.5					<5					<5				7						
E20	BL09420	0.4					6					<5				<5						
E21	BL09365	<0.2					8					<5				<5						
E21	BL09421	0.3					<5					8				<5						
E21	BL09422	0.2					<5					7				<5						
E22	BL09361	0.4					<5					10				<5						
E22	BL09362	<0.2					<5					<5				<5						
E22	BL09363																					
E23	BL09411	0.6					12					5				<5						
E24	BL09359	0.2					<5					<5				<5						
E24	BL09360	0.3					<5					7				<5						
E25	BL09355	0.2					11					<5				<5						
E26	BL09356	0.4					10					<5				<5						
E26	BL09357																					
E26	BL09358	<0.2					<5					<5				<5						
E28	BL09412	0.2					10					<5				<5						
E28	BL09413	<0.2					6					6				<5						
E28	BL09414	<0.2					<5					<5				6						
E29	BL09415	<0.2					<5					6				<5						
E29	BL09416	0.3					<5					<5				<5						
E29	BL09417	<0.2					<5					<5				<5						
E30	BL09137	1.8					41					95				<5						
E30	BL09138	1.4					33					39				<5						
E31	BL09410																					
E31	BL09423	7.6				1.56	228			0.01		341	368			7			0.02	3.9		
E31	71581 77-				12.1		132					544										
E31	3639 158-				8.1		299					2599										
E31	73655 70-				1		48					113										
E31	71581 77																					
E31	73640 41														1903							
E31	73655 10-														2498							
E31	73655 20-														2304							

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E11	BL09381							11								0.283						
E11	BL09382							8								0.235						
E12	BL09306																					
E13	BL09311																					
E13	BL09312																					
E13	BL09313							2								0.023						
E14	BL27962		26	50	124	150	5	67			<2	3.63	4.4	13	<2		<100	0.57	26	37	17	<0.5
E14	BL27964		5	<10	401	430	4	50			<2	3.06	3.3	13	<2		<100	0.71	10	14	3	<0.5
E14	BL27963		15		50			102				9.55		1.38					0.43		5	
E14	BL27965		3	16	155	180	5	84			<2	5.92	6.2	13	<2		<100	0.62	24	30	16	<0.5
E14	BL27966		15		33			64				9.4		1.11					0.34		6	
E15	BL27971																					
E15	BL27961			<10		380	<1				<2		4.9		<2		<100			5		<0.5
E16	BL09135							4								1.341						
E17	BL09134							7								0.209						
E18	BL28795		3	<10	275	<400	<4	14				2.54	2.1	<10	<14	0.021	<420	0.42	<5	<5	30	<2.7
E18	BL09136							10								0.217						
E18	BL09235																					
E19	BL28792			<10		<250			0.11		<6		<5			0.035	<300			<21		<1.6
E19	BL09398							24								0.162						
E19	BL09399							<1														
E20	BL09400							36								0.255						
E20	BL09419							22														
E20	BL09420							40								0.212						
E21	BL09365							16								0.022						
E21	BL09421							38								0.357						
E21	BL09422							32														
E22	BL09361							27								0.441						
E22	BL09362							23								0.234						
E22	BL09363																					
E23	BL09411							57														
E24	BL09359							23								0.25						
E24	BL09360							30								0.208						
E25	BL09355							29								0.07						
E26	BL09356							42								0.153						
E26	BL09357																					
E26	BL09358							27								0.136						
E28	BL09412							28								0.229						
E28	BL09413							32								0.271						
E28	BL09414							27								0.299						
E29	BL09415							13														
E29	BL09416							30								0.325						
E29	BL09417							20								0.192						
E30	BL09137							7								0.161						
E30	BL09138							6								0.121						
E31	BL09410																					
E31	BL09423		4		203			83				7.63		13				0.65	6		54	
E31	71581 77-							7								0.223						
E31	3639 158-							16								0.251						
E31	73655 70-							8								0.077						
E31	71581 77																					
E31	73640 41																					
E31	73655 10-																					
E31	73655 20-																					

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E11	BL09381				2												16						
E11	BL09382				1												13						
E12	BL09306											<5											5
E13	BL09311											9											56
E13	BL09312											7											82
E13	BL09313				5												<2						
E14	BL27962	0.65	2085		4	<2			0.28	0.26	9			57	65		18					93	
E14	BL27964	0.55	101		6	7			0.13		<5			<20	10		55						
E14	BL27963	40	713		1										38		73						
E14	BL27965	0.96	1538		7	<2			0.33	0.23	11			<20	37		46					79	
E14	BL27966	29	745		1										27		29						
E15	BL27971																						
E15	BL27961					<2								<20									
E16	BL09135				7												19						
E17	BL09134				6												16						
E18	BL28795	0.06	261		3	<15			0.03	<0.05	<5			300	8		209					<69	
E18	BL09136				10												16						
E18	BL09235											<5											2
E19	BL28792					<12				<0.05				<230					1.04			<200	
E19	BL09398				2												9						
E19	BL09399				<1												<2						
E20	BL09400				2												12						
E20	BL09419				6												<2						
E20	BL09420				3												11						
E21	BL09365				4												19						
E21	BL09421				2												12						
E21	BL09422				7												6						
E22	BL09361				<1												16						
E22	BL09362				2												13						
E22	BL09363																						
E23	BL09411				12												23						
E24	BL09359				3												12						
E24	BL09360				2												14						
E25	BL09355				4												14						
E26	BL09356				4												15						
E26	BL09357																						
E26	BL09358				2												13						
E28	BL09412				3												10						
E28	BL09413				4												10						
E28	BL09414				5												5						
E29	BL09415				8												14						
E29	BL09416				3												8						
E29	BL09417				2												8						
E30	BL09137				6												4						
E30	BL09138				10												5						
E31	BL09410																						
E31	BL09423	0.12			7				0.04		<5				3		8						
E31	71581 77-								10									17					
E31	3639 158-								7									18					
E31	73655 70-								7									24					
E31	71581 77																						
E31	73640 41																						133
E31	73655 10-																						160
E31	73655 20-																						303

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
E11	BL09381			<5													<0.2					0.5
E11	BL09382			<5													<0.2					0.3
E12	BL09306											102										
E13	BL09311											1167										
E13	BL09312											1171										
E13	BL09313			<5													<0.2					0.2
E14	BL27962			25	5		9.1	<10	5.6	<20	<200		56	<100	1	<1		<25	<20	7.9	0.32	
E14	BL27964			11	1.6		5.8	<10	2.4	<20	<200		13	<100		<1		<25	<20		0.14	
E14	BL27963			<5						21				0.16			<10				0.02	
E14	BL27965			26	7.3		9	<10	4.6	39	<200		77	<100	<1	<1		<25	<20	7.2	0.29	
E14	BL27966			<5						<20				0.16			<10				0.01	
E15	BL27971																					
E15	BL27961				1		3.2	<10	0.9		<200					<1			<20			
E16	BL09135			<5													<0.2					0.4
E17	BL09134			<5													<0.2					0.2
E18	BL28795			59	80.6		<1.8	<68	<1.4	<20	<2400		9	<100	<2	<1		<25	<420	<5	0.01	0.3
E18	BL09136			5													<0.2					0.4
E18	BL09235											154										
E19	BL28792				<34.5		0.4	<57	<4.5		<2100				<2	<1			<260	<4.6		1.5
E19	BL09398			<5													<0.2					0.3
E19	BL09399			<5																		
E20	BL09400			<5													<0.2					0.4
E20	BL09419			<5																		
E20	BL09420			<5													<0.2					0.2
E21	BL09365			<5													<0.2					0.4
E21	BL09421			<5													<0.2					0.3
E21	BL09422			<5																		
E22	BL09361			<5													<0.2					0.2
E22	BL09362			<5													<0.2					0.2
E22	BL09363																					
E23	BL09411			<5																		
E24	BL09359			<5													<0.2					<0.1
E24	BL09360			<5													<0.2					0.3
E25	BL09355			<5													<0.2					0.3
E26	BL09356			<5													<0.2					0.2
E26	BL09357																					
E26	BL09358			<5													<0.2					<0.1
E28	BL09412			<5													<0.2					0.2
E28	BL09413			<5													<0.2					0.2
E28	BL09414			<5													<0.2					0.2
E29	BL09415			<5																		
E29	BL09416			<5													<0.2					0.2
E29	BL09417			<5													<0.2					<0.1
E30	BL09137			9													<0.2					0.3
E30	BL09138			8													<0.2					0.2
E31	BL09410																					
E31	BL09423			44						<20			9	<100				<25			0.08	
E31	71581 77-																<0.2					1.3
E31	3639 158-																<0.2					0.6
E31	73655 70-																<0.2					1.1
E31	71581 77																					
E31	73640 41											187										
E31	73655 10-											72										
E31	73655 20-											23										

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E11	BL09381										43											
E11	BL09382										26											
E12	BL09306								13								11	46.6	2.92	12.98	4.02	12.74
E13	BL09311								15								95	65.74	0.41	16.47	2.4	1.03
E13	BL09312								26								26	55.71	0.62	16.1	5.16	2.96
E13	BL09313										56											
E14	BL27962	2.6	90		<20	13		7		<5	151	<200			30	<500						
E14	BL27964		85		<20	5		<5		<5	23	<200			40							
E14	BL27963		42		<20						73											
E14	BL27965	2.5	100		<20	8		9		<5	102	<200			45	<500						
E14	BL27966		36		<20						65											
E15	BL27971																					
E15	BL27961					<2				<5		<200										
E16	BL09135										4											
E17	BL09134										53											
E18	BL28795	<3.2	<2		<20	<8		8		<39	327	2000			5	<2600						
E18	BL09136										27											
E18	BL09235								27								92	43.67	1.45	14.39	1.66	9.01
E19	BL28792	<2.9				<8				<27		9200	0.83			<2300						
E19	BL09398										83											
E19	BL09399										<1											
E20	BL09400										51											
E20	BL09419										32											
E20	BL09420										69											
E21	BL09365										209											
E21	BL09421										72											
E21	BL09422										28											
E22	BL09361										44											
E22	BL09362										111											
E22	BL09363																					
E23	BL09411										152											
E24	BL09359										136											
E24	BL09360										144											
E25	BL09355										162											
E26	BL09356										206											
E26	BL09357																					
E26	BL09358										122											
E28	BL09412										135											
E28	BL09413										166											
E28	BL09414										110											
E29	BL09415										43											
E29	BL09416										84											
E29	BL09417										69											
E30	BL09137										2											
E30	BL09138										2											
E31	BL09410																					
E31	BL09423		81		<20			<5			14											
E31	71581 77-													5								
E31	3639 158-													6								
E31	73655 70-													43								
E31	71581 77																	89 85	0 12	3 97	0.31	0.71
E31	73640 41								27								279	75 01	0 5	11 67	1 49	1.03
E31	73655 10-								35								254	73 9	0 6	13 13	1 27	0 32
E31	73655 20-								34								244	72 43	0 59	13 71	1 6	0 84

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E11	BL09381									
E11	BL09382									
E12	BL09306	18.18	0.28	4.33	8.76	3.35	0.13	<0.03	2.08	99.61
E13	BL09311	3.54	0.07	1.29	3.93	4.36	2.49	0.2	1.04	99.54
E13	BL09312	8.45	0.19	2.93	5.95	3.89	3.7	0.58	0.81	98.93
E13	BL09313									
E14	BL27962									
E14	BL27964									
E14	BL27963									
E14	BL27965									
E14	BL27966									
E15	BL27971									
E15	BL27961									
E16	BL09135									
E17	BL09134									
E18	BL28795									
E18	BL09136									
E18	BL09235	11.67	0.2	6.6	14.58	1.91	<0.05	0.06	3.77	98.3
E19	BL28792									
E19	BL09398									
E19	BL09399									
E20	BL09400									
E20	BL09419									
E20	BL09420									
E21	BL09365									
E21	BL09421									
E21	BL09422									
E22	BL09361									
E22	BL09362									
E22	BL09363									
E23	BL09411									
E24	BL09359									
E24	BL09360									
E25	BL09355									
E26	BL09356									
E26	BL09357									
E26	BL09358									
E28	BL09412									
E28	BL09413									
E28	BL09414									
E29	BL09415									
E29	BL09416									
E29	BL09417									
E30	BL09137									
E30	BL09138									
E31	BL09410									
E31	BL09423									
E31	71581 77-									
E31	3639 158-									
E31	73655 70-									
E31	71581 77	0.99	0.01	0.79	0.34	<0.01	0.97	<0.03	1.74	98.88
E31	73640 41	2.37	0.02	0.94	0.37	3.05	2.31	0.13	2.28	98.92
E31	73655 10-	1.46	<0.01	1.01	0.23	1.19	2.71	0.13	4.1	98.62
E31	73655 20-	2.28	<0.01	1.59	0.28	<0.01	4.13	0.22	4.81	100.3

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E31	BL09139	Ptarmigan Hill	64	54.090	141	51.077	R
E32	BL09364	Bear Creek	64	57.955	141	51.206	SO
E33	BL28868		64	53.113	141	43.891	R
E34	BL28870		64	53.249	141	42.852	R
E34	BL28826		64	53.249	141	42.852	SO
E34	BL28869		64	53.118	141	43.103	R
E35	BL07986		64	47.506	141	41.202	R
E35	BL07985		64	47.479	141	41.126	R
E35	BL28865		64	47.410	141	41.118	R
E36	BL28997		64	47.176	141	40.905	PC
E37	BL28998		64	47.159	141	41.990	PC
E38	BL28894		64	50.538	141	52.015	PC
E38	BL28892		64	50.538	141	52.015	R
E38	BL28893		64	50.538	141	52.015	SS
E39	BL09314		64	51.892	141	54.787	R
E40	BL28420	Deer Creek	64	52.263	142	04.367	R
E41	BL28891	Deer Creek	64	51.227	142	04.637	R
E42	BL27972		64	51.060	142	05.250	R
E43	BL28421	Deer Creek	64	51.424	142	06.570	R
E43	BL09143	Deer Creek	64	51.429	142	06.708	R
E44	BL27958	Deer Creek	64	51.943	142	08.594	R
E44	BL27959	Deer Creek	64	51.943	142	08.594	R
E44	BL27960	Deer Creek	64	51.943	142	08.594	R
E45	BL27970	Deer Creek	64	52.014	142	09.674	R
E46	BL27969	Deer Creek	64	51.370	142	07.550	R
E46	BL27955	Deer Creek	64	51.336	142	07.558	R
E46	BL27956	Deer Creek	64	51.336	142	07.558	R
E46	BL27957	Deer Creek	64	51.336	142	07.558	R
E46	BL27968	Deer Creek	64	51.330	142	07.400	R
E46	BL27954	Deer Creek	64	51.260	142	07.300	R
E46	BL27967	Deer Creek	64	51.260	142	07.300	R
E46	BL28422	Deer Creek	64	51.236	142	07.194	R
E46	BL09201	Deer Creek	64	51.260	142	07.300	R
E47	BL09144	Deer Creek	64	50.918	142	06.760	R
E47	BL09145	Deer Creek	64	50.918	142	06.755	R
E48	BL09146	Deer Creek	64	50.685	142	07.313	R
E49	BL09199	North Peak	64	49.586	142	12.118	R
E50	BL28971	Granite Cr.	64	50.085	142	37.425	R
E50	BL28972	Granite Cr.	64	50.085	142	37.425	R
E50	BL28973	Granite Cr.	64	50.085	142	37.425	R
E50	BL28974	Granite Cr.	64	50.085	142	37.425	R
E50	BL09108	Granite Creek	64	50.117	142	37.565	R
E50	BL09109	Granite Creek	64	50.117	142	37.565	R
E50	BL09110	Granite Creek	64	50.117	142	37.565	R
E51	BL09111	Granite Creek	64	49.731	142	39.795	R
E51	BL09112	Granite Creek	64	49.731	142	39.795	R
E52	BL28419	Granite Creek	64	46.648	142	37.371	R
E53	BL28791		64	45.678	142	35.342	R
E54	BL28794		64	45.302	142	35.258	R
E55	BL28793		64	45.659	142	36.603	R
E56	BL28418		64	45.223	142	36.428	R
E56	BL09113	Granite Creek	64	45.230	142	36.720	R
E57	BL28414	Granite Creek	64	44.981	142	38.212	R
E57	BL28415	Granite Creek	64	44.981	142	38.212	R

Map number	Sample number	Description
E31	BL09139	Porphyritic rhyolite w/ beta quartz pseudomorph and feldspar phenocrysts. Latter altered to clay
E32	BL09364	Soil
E33	BL28868	Quartz-chlorite vein in argillically-altered felsic intrusive.
E34	BL28870	Ochre-stained black to white chert and cherty argillite.
E34	BL28826	Red to orange limonite stained gravel with white precipitate.
E34	BL28869	Chert and cherty argillite which has been highly fractured, bleached and cut by black, hairline veins.
E35	BL07986	Fe-oxide rich, crushed metamorphic quartz in biotite schist.
E35	BL07985	Metamorphic quartz segregation; moderately Fe-stained.
E35	BL28865	Random grab along 0.4km traverse. Sample is Fe-stained metamorphic quartz and brecciated biotite schist
E36	BL28997	Panned concentrate. Concentrates contain minor black sands.
E37	BL28998	Panned concentrate.
E38	BL28894	Panned concentrate. Concentrates contain moderate amounts of pyrite and black sands.
E38	BL28892	Black pyritic argillite.
E38	BL28893	Stream sediment sample of moderate to strongly Fe-stained sediments.
E39	BL09314	Hornblende quartz syenite
E40	BL28420	Black phyllite with disseminated sulfides ?pyrrhotite?
E41	BL28891	Sucrosic-textured leucocratic muscovite-biotite granite.
E42	BL27972	Fault breccia
E43	BL28421	Granodiorite
E43	BL09143	Pyritic hornfels from proposed fault between granodiorite and Pzq; cataclastic granodiorite found nearby
E44	BL27958	Galena-quartz vein in quartzite.
E44	BL27959	Barren metamorphic quartz veins with light to moderate limonite coating.
E44	BL27960	Possible hydrothermal stockwork of milky-white quartz veins which cross-cut and offset metamorphic quartz veins.
E45	BL27970	Select of galena float. Galena is associated with stockwork quartz veins.
E46	BL27969	Select of sulfide-bearing rocks from Deer Creek Copper-trench.
E46	BL27955	Limonite-coated metamorphic quartz segregations.
E46	BL27956	Massive green and brown garnet with green amphibole skarn.
E46	BL27957	Random grab of skarn calc-silicates from Deer Creek Copper trench.
E46	BL27968	Select of mineralized marble rubble crop.
E46	BL27954	Massive magnetite, chalcopyrite, pyrrhotite skarn
E46	BL27967	Select of mineralized marble rubble crop.
E46	BL28422	Massive pyrrhotite-chalcopyrite-(bornite?) in pyroxene-amphibole tactite.
E46	BL09201	Skarn; magnetite, pyrite, chalcopyrite, clinopyroxenite, garnet, amphibole and chlorite
E47	BL09144	Calc-silicate hornfels w/ accessory pyrite, chalcopyrite, pyrrhotite and bornite?
E47	BL09145	Calc-silicate hornfels w/ chalcopyrite, pyrrhotite, and bornite (?); amphibole, pyroxene, quartz present
E48	BL09146	Calc-silicate hornfels w/ stringers of semi-massive chalcopyrite, pyrrhotite, and bornite (?) collected from trench
E49	BL09199	Random chips of Fe-stained quartzite and variable hornfels with biotite and pyrrhotite
E50	BL28971	Select of quartz, feldspar pegmatite vein in quartz monzonite. Chalcopyrite occurs in vein and in selvage up to 3cm from vein.
E50	BL28972	Hornblende-biotite adamellite; Plagioclase shows slight alteration to epidote-sericite.
E50	BL28973	Thin (<2mm) quartz-pyrite-chalcopyrite-galena-sphalerite veins in hornblende-biotite quartz monzonite.
E50	BL28974	2 cm-wide quartz-feldspar pegmatite vein with 10% chalcopyrite.
E50	BL09108	Fine-grained equigranular biotite, granite dike; 24-48 cm in width
E50	BL09109	Coarse-grained quartz-carbonate vein (2.4cm) with trace chalcopyrite; arsenopyrite-muscovite alteration of granodiorite
E50	BL09110	Quartz-carbonate-chalcopyrite veinlet in granodiorite with arsenopyrite-fluorite-muscovite alteration selvage
E51	BL09111	Chalcedonic vein - fault gouge (10 cm wide) in crush zone within granodiorite; minor arsenopyrite
E51	BL09112	Quartz vein, 2.5cm-thick, with accessory fluorite, pyrrhotite and chalcopyrite
E52	BL28419	Hornblende-biotite granodiorite
E53	BL28791	0.3m- thick quartz vein with trace fine-grained arsenopyrite.
E54	BL28794	Select sample of 15cm-wide quartz-sulfide vein. Sulfides are galena, sphalerite, pyrite and arsenopyrite.
E55	BL28793	Pyrite-white mica quartz vein in altered quartz monzonite with 2.5cm-wide veinlet of concentrated arsenopyrite, sphalerite, pyrite, chalcopyrite
E56	BL28418	Select sample of silicified envelope surrounding druzy 1mm-2cm quartz veins in fine-grained intrusive dike.
E56	BL09113	Very fine-grained green-gray dike in granodiorite; rare K-spar phenocrysts and no quartz
E57	BL28414	Gray-green, fine-grained intrusive dike.
E57	BL28415	Lithological specimens: A)Gray-green, f.-gr., feldspar-phyric intrusive dike. B)Dk. gray, hnbd diorite. C)Lt. gray, bio-hnbd-(mus?) quartz monzonite; main phase.

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E31	BL09139	1.3					33					105			2131	<5						
E32	BL09364																					
E33	BL28868		<5					19	<5					2400				<1			<10	87
E34	BL28870		<5					23	<5					2000				1			<10	64
E34	BL28826		<5					<1	<5					<100				<1			<10	<10
E34	BL28869		<5					20	<5					4900				3			<10	43
E35	BL07986			<0.02																		
E35	BL07985																					
E35	BL28865		<5					15	5					1000				1			<10	15
E36	BL28997	<0.5	<5			4.2	125	159	29				1023	1200		25		3	0.78	<2	<10	31
E37	BL28998	<0.5	<5			5.37	53	54	<5				1079	1100		18		1	1.84	<2	<10	55
E38	BL28894	<0.5	<5			6.73	36	12	<5				1223	1400		23		1	2.9	<2	<10	160
E38	BL28892		<5					53	6					5900				<1			<10	18
E38	BL28893	<0.2				0.1	9						266			<5			13	<1		
E39	BL09314														741							
E40	BL28420				0.6																	
E41	BL28891		<5					65	<5					490	477			<1			<10	90
E42	BL27972		<5					7	<5					470				<1			<10	40
E43	BL28421														1646							
E43	BL09143	<0.5				3.73				<.001			386			<5			9.09	<2		
E44	BL27958		69	1.44				17	15					2100							<10	22
E44	BL27959		<5					3	<5					190							<10	13
E44	BL27960		<5					2	<5					130							<10	92
E45	BL27970		97	1.15				35	52					170							16	<10
E46	BL27969		240					124	460					160			1849				30	14
E46	BL27955		<5					3	6					<100							<10	13
E46	BL27956																					
E46	BL27957																					
E46	BL27968		<5					6	8					150							<10	51
E46	BL27954	3.8	6			2.8	43	18	330				365	<100		98	67		>10	<2	<10	24
E46	BL27967		<5					11	360					120			26				<10	22
E46	BL28422	1.7	<5			1.79	40	4	27				176	770		23		<1	9.73	<2	<10	34
E46	BL09201	3.9					30					18				31						
E47	BL09144	<0.5				3.05				<.001			116			<5			3.42	<2		
E47	BL09145	<0.5				1.79				0.02			54			46			7.66	<2		
E48	BL09146	<0.5				3.33				<.001			1014			<5			10	<2		
E49	BL09199	0.4					144					16				<5						
E50	BL28971		97	2.51	>50			887	16					1000				8			47	28
E50	BL28972														1126							
E50	BL28973		<5		1.5			34	<5					1100				<1			<10	68
E50	BL28974		20					730	8					1100				5			17	38
E50	BL09108														815							
E50	BL09109	0.7					3246					<5				<5						
E50	BL09110	31.6					392					20				21						
E51	BL09111	0.7					721					11				<5						
E51	BL09112	3.4					31					<5				<5						
E52	BL28419														1590							
E53	BL28791	<0.5	<5			5.15	61	29	<5				>2000	2400		<5		<1	1.43	<2	<10	100
E54	BL28794		<72					>10000	<170					<1700				<355			450	<350
E55	BL28793		<11					8800	<23					<250				<64			72	<40
E56	BL28418		<5					112	<5					750				1			<10	56
E56	BL09113														1592							
E57	BL28414																					
E57	BL28415																					

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E31	BL09139							5								0.588						
E32	BL09364																					
E33	BL28868			<10		160	3				<2		1.9		4		<100			41		<0.5
E34	BL28870			<10		160	2				<2		0.6		4		<100			32		<0.5
E34	BL28826			<10		<50	<1				<2		<0.5		<2		<100			<5		<0.5
E34	BL28869			<10		330	1				<2		0.6		6		<100			28		<0.5
E35	BL07986																					
E35	BL07985																					
E35	BL28865			<10		300	3				<2		1.8		<2	0.011	<100			11		<0.5
E36	BL28997		7	<10	717	760	3	30			<2	2.96	3.4	<10	4		<100	0.42	16	21	17	<0.5
E37	BL28998		<1	<10	296	320	3	12			<2	2.97	3.5	12	9		<100	0.5	22	38	17	<0.5
E38	BL28894		14	22	84	150	4	14			<2	4.86	5.6	16	7		<100	0.56	41	85	23	0.8
E38	BL28892			<10		310	3				<2		1.7		<2		<100			10		<0.5
E38	BL28893		30		25			30				4.81		1.79					0.55		27	
E39	BL09314																					
E40	BL28420																					
E41	BL28891			<10		290	3				<2		0.8		4		<100			51		<0.5
E42	BL27972			11		260	3				<2		2.3		<2		<100			19		<0.5
E43	BL28421																					
E43	BL09143		<1		178			93				6.72		<10				0.67	27		11	
E44	BL27958			21		300	<1				<2		0.5		<2		<100			10		<0.5
E44	BL27959			<10		510	<1				<2		0.9		<2		<100			8		<0.5
E44	BL27960			<10		270	<1				<2		2.2		12	<0.01	<100			39		0.6
E45	BL27970			<10		78	<1				<2		<0.5		<2		<100			8		<0.5
E46	BL27969			240		<50	<1		9.81		<2		7.8		<2		<100			13		<0.5
E46	BL27955			<10		400	<1				<2		1.9		<2		<100			9		<0.5
E46	BL27956																					
E46	BL27957																					
E46	BL27968			640		<50	1		0.2		<2		>10		<2		<100			30		<0.5
E46	BL27954		117	180	52	<50	1	5729			<2	>10	>10	23	<2		<100	0.29	8	20	7	<0.5
E46	BL27967			41		240	2		0.03		<2		8.7		<2		<100			11		0.6
E46	BL28422		51	61	148	140	<1	4248	0.44		<2	>10	>10	19	<2		<100	0.67	9	21	5	<0.5
E46	BL09201							3947								0.012						
E47	BL09144		<1		151			206				4.31		<10				0.56	18		11	
E47	BL09145		21		91			569				>10		<10				0.3	<5		8	
E48	BL09146		8		90			691				4.98		19				1.46	40		10	
E49	BL09199							75								<0.01						
E50	BL28971			<10		240	14		2.13	>20000	<2		7		3	0.023	<100			21		<0.5
E50	BL28972																					
E50	BL28973			<10		170	11			489	<2		2.8		4		<100			33		<0.5
E50	BL28974			<10		300	13		0.54		<2		2.8		<2	<0.01	<100			21		<0.5
E50	BL09108																					
E50	BL09109							53								0.01						
E50	BL09110							16016								0.034						
E51	BL09111							41								0.011						
E51	BL09112							959								<0.01						
E52	BL28419																					
E53	BL28791		<1	<10	173	160	2	14			3	2.19	2.3	21	7		<100	0.67	33	51	15	0.8
E54	BL28794			<41		<890	<10		0.05		<20		>10		<31	0.259	90			<5		<6
E55	BL28793			<10		300	<2		0.04		6		3.8		<4	0.017	<150			5		<0.5
E56	BL28418			<10		250	8				<2		1.6		4		<100			26		0.5
E56	BL09113																					
E57	BL28414																					
E57	BL28415																					

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E31	BL09139				9							11					12						
E32	BL09364																						149
E33	BL28868					<2				1.1				<20								120	
E34	BL28870					<2				0.17				<20								170	
E34	BL28826					<2				<0.05				<20								<10	
E34	BL28869					3				<0.05				<20								14	
E35	BL07986																		0.01				
E35	BL07985																						
E35	BL28865					<2				<0.05				<20								35	
E36	BL28997	0.71	1809		<1	<2			0.92	0.85	7			36	43		32					82	
E37	BL28998	0.71	823		<1	<2			1.72	1.6	9			31	12		34					100	
E38	BL28894	0.95	2146		2	<2			1.94	1.9	24			<20	21		34					96	
E38	BL28892					4				<0.05				<20								57	
E38	BL28893	53	3090		3										45		73						
E39	BL09314											6											12
E40	BL28420							13															
E41	BL28891					<2				2.1		12		<20								160	194
E42	BL27972					<2				0.34				<20								73	
E43	BL28421											14											117
E43	BL09143	2.34	2169		11				0.42		24				58		17						
E44	BL27958					<2								<20					17.07				
E44	BL27959					3								<20									
E44	BL27960					<2								<20									
E45	BL27970					<2								28					58.46				
E46	BL27969					10								180					0.02				
E46	BL27955					<2								<20									
E46	BL27956																						
E46	BL27957																						
E46	BL27968					<2								280					<0.01				
E46	BL27954	0.81	4506		12	17			0.43		22			83	46		597						
E46	BL27967					<2								<20					<0.01				
E46	BL28422	0.51	4283		4	<2			0.21	0.13	20			47	37		51					45	
E46	BL09201				13												21						
E47	BL09144	0.69	784		7				1.05		9				29		16						
E47	BL09145	0.81	1513		7				0.3		<5				60		26						
E48	BL09146	1.23	34		4				0.66		15				37		38						
E49	BL09199				7												9						
E50	BL28971					5				1.1				33				1052				410	
E50	BL28972											9											205
E50	BL28973					<2				2.1				30				44				190	
E50	BL28974					30				1.2				<20					0.03			280	
E50	BL09108											<5											180
E50	BL09109				6												29						
E50	BL09110				9												114						
E51	BL09111				8												23						
E51	BL09112				7												32						
E52	BL28419											14											114
E53	BL28791	0.13	462		<1	<2			2.51	2.6	14			<20	5		63					160	
E54	BL28794					<39				<0.16				<890					0.05			<190	
E55	BL28793					<14				<0.05				<120					3.95			<47	
E56	BL28418					<2				0.08				<20								140	
E56	BL09113											12											133
E57	BL28414																						
E57	BL28415																						

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
E31	BL09139			27								46					<0.2					0.9
E32	BL09364																					
E33	BL28868				7.1		7.7	<10	5.6		<200				1	<1			<20	19		
E34	BL28870				14		2.3	<10	5.4		<200				1	<1			<20	19		
E34	BL28826				<0.2		<0.5	<10	<0.2		<200				<1	<1			<20	<0.5		
E34	BL28869				45.5		2.1	<10	2.8		<200				1	<1			<20	16		
E35	BL07986																					
E35	BL07985																					
E35	BL28865				12		4.5	<10	2		<200				<1	<1			<20	2.8		<0.1
E36	BL28997			8	6.5		6.5	<10	2.7	20	<200		107	<100	<1	<1		<25	<20	5.4	0.2	
E37	BL28998			17	1.3		14	<10	4.1	<20	<200		192	<100	1	<1		<25	<20	13	0.24	
E38	BL28894			10	2		23	<10	9.5	28	<200		243	<100	2	1		<25	<20	25	0.63	
E38	BL28892				3.6		4.7	<10	1.7		<200				<1	<1			<20	3		
E38	BL28893			<5						<20				0.72			<10				0.02	
E39	BL09314											805										
E40	BL28420																					
E41	BL28891				1.1		2.5	<10	4.2		<200	91			2	<1			<20	37		
E42	BL27972				0.4		5.7	<10	2.9		<200				<1	<1			<20	6.9		
E43	BL28421											336										
E43	BL09143			<5						<20			283	<100				<25			0.56	
E44	BL27958				70.4		2.6	<10	1.2		<200					<1			<20			
E44	BL27959				0.7		1.8	<10	1.3		<200					<1			<20			
E44	BL27960				1		7.5	<10	8.6		<200					1			<20			
E45	BL27970				266		0.9	<10	0.3		<200					<1			<20			
E46	BL27969				21.3		2.3	91	3.6		<200					<1			<20			
E46	BL27955				0.9		1.7	<10	1.6		<200					<1			<20			
E46	BL27956																					
E46	BL27957																					
E46	BL27968				0.5		6.6	<10	4.6		<200					<1			<20			
E46	BL27954			25	3		5.1	<10	3.3	28	<200		378	<100		<1	3.9	<25	<20		0.09	
E46	BL27967				0.9		11	<10	2.4		<200					<1			<20			
E46	BL28422			<5	0.8		6.5	22	4.4	24	<200		217	<100	<1	<1		<25	<20	7	0.16	
E46	BL09201			<5													0.4					0.4
E47	BL09144			<5						<20			235	<100				<25			0.27	
E47	BL09145			7						<20			94	<100				<25			0.02	
E48	BL09146			<5						21			1319	<100				<25			0.24	
E49	BL09199			8													0.4					0.3
E50	BL28971				8.7		6.4	<10	3		2800				2	<1			<20	24		1.5
E50	BL28972											325										
E50	BL28973				1.4		8.2	<10	4.2		<200				2	<1			<20	27		
E50	BL28974				4.4		5.8	<10	3		<200				1	<1			<20	16		1
E50	BL09108											236										
E50	BL09109			<5													<0.2					1
E50	BL09110			<5													<0.2					1
E51	BL09111			<5													<0.2					0.3
E51	BL09112			<5													<0.2					1.4
E52	BL28419											298										
E53	BL28791			9	1.5		10	<10	8	<20	<200		207	<100	2	1		<25	<20	19	0.13	
E54	BL28794				<38.5		<3.9	<180	<0.5		<6300				<6	<5			20	<14		0.3
E55	BL28793				31.8		0.7	<23	0.8		<870				<1	<1			<120	4.6		0.4
E56	BL28418				8.8		6.5	<10	4.4		<200				<1	<1			<20	11		
E56	BL09113											305										
E57	BL28414																					
E57	BL28415																					

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E31	BL09139								27		4						212	74.99	0.45	11.12	1.51	0.26
E32	BL09364																					
E33	BL28868	5.5				<2				<5		<200				<500						
E34	BL28870	4.6				<2				<5		<200				<500						
E34	BL28826	<0.5				<2				<5		<200				<500						
E34	BL28869	4.5				10				<5		<200				<500						
E35	BL07986												0.02									
E35	BL07985																					
E35	BL28865	1.7				<2				<5		<200				<500						
E36	BL28997	2.2	58		<20	<2		11		<5	96	<200			53	<500						
E37	BL28998	2.3	71		<20	8		15		<5	76	<200			44	650						
E38	BL28894	3.1	109		<20	7		28		<5	110	<200			24	<500						
E38	BL28892	1				<2				<5		<200				<500						
E38	BL28893		46		<20						238											
E39	BL09314								23								92	54.12	0.8	18.06	4.05	4.18
E40	BL28420			194																		
E41	BL28891	3.6				<2			22	<5		<200				<500	153	77.24	0.06	12.63	0.27	0.71
E42	BL27972	0.9				<2				<5		<200				<500						
E43	BL28421								27								160	64.16	0.7	15.94	0.77	4.48
E43	BL09143		81		<20			16			86											
E44	BL27958					<2				<5		670										
E44	BL27959					2				<5		<200										
E44	BL27960					<2				5		280										
E45	BL27970					<2				<5		1900										
E46	BL27969					16				<5		2600	0.23									
E46	BL27955					<2				<5		<200										
E46	BL27956																					
E46	BL27957																					
E46	BL27968					7				<5		<200	<0.01									
E46	BL27954		32		<20	41		10		<5	485	640			36							
E46	BL27967					<2				<5		260	<0.01									
E46	BL28422	2.2	40		<20	6		10		<5	122	<200			36	<500						
E46	BL09201										135											
E47	BL09144		52		<20			8			29											
E47	BL09145		31		<20			31			94											
E48	BL09146		67		<20			18			77											
E49	BL09199										50											
E50	BL28971	14				140				<5		620		623		<500						
E50	BL28972								23								119	68.7	0.44	14.92	0.59	2.92
E50	BL28973	10				15				<5		<200		87		<500						
E50	BL28974	10				55				<5		<200	0.03			<500						
E50	BL09108								23								59	73.57	0.17	13.85	0.91	0.39
E50	BL09109										38											
E50	BL09110										181											
E51	BL09111										23											
E51	BL09112										41											
E52	BL28419								24								174	67.35	0.43	15.5	0.54	3.5
E53	BL28791	4.4	6		<20	<2		28		5	56	<200			222	<500						
E54	BL28794	<8.7				<23				<130		>30000	3.42			<6600						
E55	BL28793	<1.1				4				<13		4000	0.33			<500						
E56	BL28418	3.8				5				<5		<200				<500						
E56	BL09113								43								218	61.56	0.49	16.7	1.64	2.77
E57	BL28414																					
E57	BL28415																					

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E31	BL09139	1.8	<0.01	0.07	0.07	0.27	8.06	<0.03	2.04	98.87
E32	BL09364									
E33	BL28868									
E34	BL28870									
E34	BL28826									
E34	BL28869									
E35	BL07986									
E35	BL07985									
E35	BL28865									
E36	BL28997									
E37	BL28998									
E38	BL28894									
E38	BL28892									
E38	BL28893									
E39	BL09314	8.69	0.17	3.37	8.37	3.12	0.74	0.45	1.83	99.72
E40	BL28420									
E41	BL28891	1.06	0.03	0.08	1.29	2.9	4.25	0.06	0.68	100.28
E42	BL27972									
E43	BL28421	5.75	0.12	1.78	4.29	3.09	2.87	0.21	0.83	99.75
E43	BL09143									
E44	BL27958									
E44	BL27959									
E44	BL27960									
E45	BL27970									
E46	BL27969									
E46	BL27955									
E46	BL27956									
E46	BL27957									
E46	BL27968									
E46	BL27954									
E46	BL27967									
E46	BL28422									
E46	BL09201									
E47	BL09144									
E47	BL09145									
E48	BL09146									
E49	BL09199									
E50	BL28971									
E50	BL28972	3.83	0.08	1.41	3.33	2.71	3.76	0.11	1.29	100.58
E50	BL28973									
E50	BL28974									
E50	BL09108	1.35	0.02	0.4	2.03	2.4	5.26	0.04	0.3	99.39
E50	BL09109									
E50	BL09110									
E51	BL09111									
E51	BL09112									
E52	BL28419	4.43	0.08	1.38	3.92	3.14	2.85	0.1	0.84	100.03
E53	BL28791									
E54	BL28794									
E55	BL28793									
E56	BL28418									
E56	BL09113	4.72	0.09	0.79	4.33	3.29	2.95	0.06	3.48	98.46
E57	BL28414									
E57	BL28415									

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E57	BL28416	Granite Creek	64	44.981	142	38.212	R
E57	BL28417	Granite Creek	64	44.981	142	38.212	R
E57	BL28790		64	44.981	142	38.212	R
E58	BL28867		64	37.945	142	51.580	PC
E59	BL28802		64	37.992	142	53.508	PC
E60	BL09180		64	37.777	142	54.795	R
E60	BL09181		64	37.770	142	54.766	R
E61	BL09407		64	36.513	143	02.385	R
E61	BL09408		64	36.513	143	02.385	R
E62	BL28801		64	36.907	142	53.547	R
E63	BL28800		64	36.577	142	53.441	R
E64	BL28825		64	36.358	142	53.547	R
E64	BL28798		64	36.335	142	53.505	R
E64	BL28799		64	36.335	142	53.505	R
E64	BL28796		64	36.199	142	53.394	R
E64	BL28797		64	36.199	142	53.393	R
E65	BL26159	Gold Run Creek	64	35.950	142	48.729	R
E65	BL28966	Gold Run Creek	64	35.950	142	48.729	R
E65	BL28967	Gold Run Creek	64	35.950	142	48.729	R
E66	BL28968	Gold Run Creek	64	35.912	142	48.892	PC
E66	BL28969	Gold Run Creek	64	35.912	142	48.892	PC
E66	BL28970	Gold Run Creek	64	35.912	142	48.892	R
E66	BL28964		64	35.878	142	48.527	PC
E66	BL28965		64	35.878	142	48.527	SS
E67	BL28961		64	35.702	142	42.589	PC
E67	BL28963		64	35.702	142	42.589	PC
E67	BL28962		64	35.702	142	42.589	SS
E68	BL09350		64	36.700	142	25.800	R
E69	BL09349		64	37.500	142	24.400	R
E70	BL09152	Happy Mountain	64	33.000	142	16.200	SS
E70	BL09153	Happy Mountain	64	33.000	142	16.450	SS
E70	BL09175	Happy Mountain	64	35.557	142	16.127	SS
E71	BL09342	Fortymile Clinopyroxenite	64	38.400	142	12.500	R
E72	BL09310		64	38.512	142	12.016	R
E72	BL09341	Fortymile Clinopyroxenite	64	38.555	142	11.600	R
E72	BL09392	Fortymile Clinopyroxenite	64	38.576	142	11.831	R
E73	BL09335	Fortymile Clinopyroxenite	64	38.379	142	10.963	R
E73	BL09336	Fortymile Clinopyroxenite	64	38.379	142	10.963	R
E73	BL09337	Fortymile Clinopyroxenite	64	38.379	142	10.963	R
E73	BL09338	Fortymile Clinopyroxenite	64	38.559	142	10.809	R
E73	BL09339	Fortymile Clinopyroxenite	64	38.606	142	11.138	R
E73	BL09340	Fortymile Clinopyroxenite	64	38.606	142	11.138	R
E73	BL09391	Fortymile Clinopyroxenite	64	38.379	142	10.963	R
E74	BL09228	Independence Creek	64	40.650	142	13.700	R
E74	BL09229	Independence Creek	64	40.650	142	13.850	R
E74	BL09230	Independence Creek	64	40.650	142	14.100	R
E75	BL09231	Independence Creek	64	40.785	142	14.300	R
E75	BL09232	Independence Creek	64	40.785	142	14.500	R
E76	BL09234	Independence Creek	64	41.900	142	17.800	R
E77	BL09233	Independence Creek	64	43.350	142	13.000	R
E78	BL09227	Independence Creek	64	41.277	142	12.447	R
E79	BL09390	Fortymile Clinopyroxenite	64	39.080	142	09.765	R
E80	BL09309		64	37.304	142	02.417	R
E81	BL09330	Teddy's Fork Stockwork	64	35.924	141	28.746	R

Map number	Sample number	Description
E57	BL28416	Select of sulfide gossan; pyrite-scorodite-bearing 1-2cm quartz-(feldspar) veins in biotite-hornblende-bearing quartz monzonite.
E57	BL28417	Select of sulfide(80%)-quartz vein. Sulfides: 50% arsenopyrite which is variably altered to scorodite, 25% galena, and 25% sphalerite-pyrite-chalcopyrite.
E57	BL28790	Gray-green, fine-grained intrusive rhyolite plug/dike intruding granodiorite
E58	BL28867	Panned concentrate from south draining pup to Green Creek. Abundant Fe-staining in creek bed.
E59	BL28802	Panned concentrate.
E60	BL09180	Altered hematitic ash-fall tuff
E60	BL09181	Altered ash-fall tuff; coarse-grained sanidine and vitrified glass phenocrysts; plagioclase altered to clay
E61	BL09407	Fine- medium-grained, equigranular, biotite granite with K-spar phenocrysts as large as 1 cm
E61	BL09408	Select of tourmaline-quartz veining in equigranular, biotite granite
E62	BL28801	Dark green-gray, agglomeratic tuff which contains veins and blebs of pyrrhotite (as much as 30%).
E63	BL28800	0.6m x 0.6m x 0.1m massive vein material: matrix is orange weathering carbonate which has been partially replaced (5-10%) by quartz and trace of pyrite.
E64	BL28825	Vuggy, siliceous chalcedonic vein with minor sulfides and gossan.
E64	BL28798	Cherty or highly siliceous andesite/basalt. Contains blebs of red-clear glass and trace of Fe-sulfides.
E64	BL28799	Vitrophyric basalt with hairline veinlets which have 1cm-wide selvage of hematite.
E64	BL28796	Quartz veined/silicified breccia boulders as large as 0.3m x 0.3m x 0.6m
E64	BL28797	Vuggy, open-spaced, veined, brecciated quartzite, Pzq(?). 5-10% fluorite fills open spaces and forms massive 5cm-wide vein fillings.
E65	BL26159	Quartzite with quartz veinlets containing sulfides.
E65	BL28966	Pyritic quartzite with yellow-white oxide coating.
E65	BL28967	Brecciated quartz-white mica schist cemented by dogtooth quartz which is pyritic in places.
E66	BL28968	Panned concentrate of old placer tails.
E66	BL28969	Panned concentrate of fines from in between bedrock foliations-2 gold flakes
E66	BL28970	Weathered breccia with very light green areas(2%)-possibly scorodite.
E66	BL28964	Panned concentrate.
E66	BL28965	Stream sediment from sediments with heavy Fe-oxide staining.
E67	BL28961	Panned concentrate
E67	BL28963	Panned concentrate
E67	BL28962	Stream sediment.
E68	BL09350	Altered, foliated hornblende diorite with 75 pct aligned 0.5 - 1.0 cm hornblende phenocrysts
E69	BL09349	Porphyritic basalt with plagioclase, pyroxene, biotite (?) phenocrysts
E70	BL09152	Stream sediment
E70	BL09153	Stream sediment
E70	BL09175	Stream sediment
E71	BL09342	Hornblende syenite/diorite, 0.2-1.0 cm hornblende phenocrysts (25-40 pct) with finer but phaneritic quartz-feldspar groundmass
E72	BL09310	K-spar porphyry biotite-hornblende quartz syenite
E72	BL09341	Biotite aplite, 2-3 in vein in clinopyroxenite
E72	BL09392	K-spar porphyry quartz syenite
E73	BL09335	Pegmatitic plagioclase quartz(?) hornblendite; Ar-Ar age date 184 Ma
E73	BL09336	Biotite clinopyroxenite cut by plagioclase/felsic dikes and veinlets
E73	BL09337	Coarse-grained biotite-clinopyroxentie with 5-10 pct hornblende concentrated along plagioclase segregations
E73	BL09338	Biotite quartz k-spar pegmatite cutting clinopyroxentite
E73	BL09339	Coarsed-grained hornblende syenite/diorite with sub-aligned hornblende
E73	BL09340	Pyritic biotite-quartz-garnet(?) hornfels; small pendant in hornblende syenite
E73	BL09391	Biotite clinopyroxenite
E74	BL09228	Calcite vein w/ pyrite and greenstone clasts
E74	BL09229	Pyrite-rich, calcareous, schistose greenstone
E74	BL09230	Pyritic greenstone (metabasalt) cut by calcite veinlets
E75	BL09231	Greenstone (metabasalt) fresher than BL09230
E75	BL09232	Greenstone w/ very fine disseminated pyrite and chalcopyrite
E76	BL09234	Gray to buff-colored quartz diorite with clear to black glassy quartz and green hornblende phenocrysts; Tertiary?
E77	BL09233	Altered granodiorite from near margin of pluton; possibly faulted
E78	BL09227	Pyritic greenstone
E79	BL09390	Aplite; leucocratic quartz-feldspar rock with minor garnet, biotite, and chloritized amphibole; possibly related to Happy Mountain granite
E80	BL09309	Quartz-bearing hornblende quartz syenite to monzonite
E81	BL09330	Quartz augen amphibolite gneiss with amphibole retrograde to chlorite and epidote; quartz stockwork with limonite lined cavities

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E57	BL28416	5.4	<11			1.56	>2000	8590	<22				178	450		<5		<66	0.05	49.1	73	<38
E57	BL28417	22.1	7			0.94	>2000	>10000	<240				60	<2600		20		<410	0.16	257.1	<270	<490
E57	BL28790														23							
E58	BL28867	<0.5	<5			1.7	52	52	<5				570	790		11		<1	0.15	<2	<10	110
E59	BL28802	<0.5	<5			0.62	19	6	<5				522	690		<5		<1	0.05	<2	<10	130
E60	BL09180	<0.2					<5					<5				<5						
E60	BL09181														465							
E61	BL09407														767							
E61	BL09408	<0.2					<5					<5				<5						
E62	BL28801	1.9	<5			2.45	111	83	9				166	1600		<5		<1	3.71	<2	<10	74
E63	BL28800		<5					8	<5					130				<1			<10	<10
E64	BL28825	<0.5	<5			1.31	50	94	8				441	550		<5		1	0.07	<2	<10	15
E64	BL28798		<5					27	<5					1800				<1			<10	120
E64	BL28799		<5					12	<5					2400				<1			<10	110
E64	BL28796		<5					2460	<5					270				<19			<10	<10
E64	BL28797	<0.5	<5			1.76	512	526	490				165	210		<5	<1	5	7.49	<2	<10	35
E65	BL26159																					
E65	BL28966		<5					63	19					220				<1			<10	56
E65	BL28967		<5					47	<5					<100				<1			<10	<10
E66	BL28968	<0.5	<5			5.81	423	929	<5				660	610		15		7	0.31	<2	<10	87
E66	BL28969	2.1	<5			7.79	172	99	>10000				835	520		15		1	0.33	<2	<10	43
E66	BL28970		<5					112	<5					110				2			<10	53
E66	BL28964	<0.5	<5			8.25	80	83	<5				873	760		13		1	0.43	<2	<10	79
E66	BL28965	<0.2				0.02	180						163			14			166	<1		
E67	BL28961	<0.5	<5			4.55	113	109	19				558	430		<5		2	0.39	<2	<10	180
E67	BL28963	<0.5	<5			4.76	88	66	<5				567	420		26		1	0.53	<2	<10	83
E67	BL28962	<0.2				0.06	13						106			<5			11	<1		
E68	BL09350	<0.2				7.21	<5			<.001		<5	1659			<5			4.4	<2		
E69	BL09349	<0.5				0.63				<.001	96		35			<5			10	<2		
E70	BL09152	<0.5				4.9	263						1261			<5			1.41	<2		
E70	BL09153	<0.5				5.68	<5						953			<5			1.69	<2		
E70	BL09175	<0.5				5.33	<5						1637			<5			1.21	<2		
E71	BL09342	<0.5				7.64				<.001	<1		1960		1960	<5			5.85	4.1		
E72	BL09310														1720							
E72	BL09341	0.8				5.21				<.001			1915		1992	<5			0.58	<2		
E72	BL09392	<9				<9					<1		<9			<9			<9	<9		
E73	BL09335	<0.5				6.46			3	<.001			1122		1065	<5			7.82	<2		
E73	BL09336	<0.5				4.95			2	<.001			1190		1281	<5			7.67	3.7		
E73	BL09337	<0.5				1.53			<1	<.001			534		531	<5			10	5.8		
E73	BL09338	1.6				9.3				<.001			2000		4831	<5			0.19	<2		
E73	BL09339	<0.5				6.96			<1	<.001			1692		1610	<5			4.95	2.5		
E73	BL09340	<0.5				1.82				<.001			93			<5			10	<2		
E73	BL09391	<9				<9					14		<9			<9			<9	<9		
E74	BL09228	<0.5				7.69				<.001			123			<5			10	2.8		
E74	BL09229	<0.5				7.65				<.001			311			<5			5.31	<2		
E74	BL09230	<0.5				7.5				<.001			205			<5			10	<2		
E75	BL09231	<0.5				7.98				<.001			436			<5			6.79	<2		
E75	BL09232	<0.5				7.76				<.001			601			<5			5.85	<2		
E76	BL09234	<0.5				7.28				<.001			1424		1485	<5			1.78	5.1		
E77	BL09233	<0.5				7.76				<.001			1401			<5			1.74	<2		
E78	BL09227	<0.5				8.79				<.001			297			<5			4.18	2.6		
E79	BL09390														592							
E80	BL09309														1713							
E81	BL09330	<0.5				5.91				0.002			1894			<5			0.11	<2		

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E57	BL28416		3	<10	318	160	5	171			<2	3.6	5.5	15	<2	0.013	<100	0.99	15	24	45	<0.9
E57	BL28417		35	<62	394	<1200	<14	258	0.03		<22	>10	0.9	<10	<41	0.037	99	0.35	18	<19	10	<7.8
E57	BL28790																					
E58	BL28867		26	33	47	<50	8	23			<2	4.89	4.8	<10	7		<100	0.72	38	54	36	0.5
E59	BL28802		<1	<10	86	140	3	6			<2	0.83	1.1	<10	11		<100	0.86	36	63	29	0.5
E60	BL09180							7								0.012						
E60	BL09181																					
E61	BL09407																					
E61	BL09408							4														
E62	BL28801		78	95	304	290	7	210			<2	>10	>10	21	4	<0.01	<100	0.02	13	45	41	<0.5
E63	BL28800			<10		180	<1				<2		3.4		<2		<100			<5		<0.5
E64	BL28825		5	<10	269	390	4	16			<2	1.43	2	<10	<2		<100	0.52	6	10	104	<0.5
E64	BL28798			41		610	9				2		5.5		5		<100			68		<0.5
E64	BL28799			42		610	7				<2		5.4		4		<100			60		<0.5
E64	BL28796			<10		450	5				<2		1.8		<2		<100			11		<0.5
E64	BL28797		6	<10	299	290	5	19			<2	1.64	1.7	<10	<2	<0.01	<100	0.42	15	14	140	<0.5
E65	BL26159																					
E65	BL28966			<10		490	6				<2		2.2		5		<100			27		<0.5
E65	BL28967			<10		460	<1				<2		1.1		<2		<100			<5		<0.5
E66	BL28968		18	34	270	290	5	48			<2	8.25	9	17	8		<100	0.52	43	53	65	<0.5
E66	BL28969		31	34	301	300	6	47			2	5.94	6.1	19	10		<100	0.56	59	50	75	<0.5
E66	BL28970			<10		310	4				<2		3.4		5		<100			25		<0.5
E66	BL28964		22	30	247	270	5	35			<2	5.55	5.6	20	13		<100	0.51	46	47	72	<0.5
E66	BL28965		121		8			6				>10		0.48					0.14		45	
E67	BL28961		16	28	388	410	2	29			2	5.65	6.3	15	14		<100	0.45	95	120	23	0.8
E67	BL28963		8	24	310	320	3	32			<2	6.92	7.5	11	20		<100	0.51	51	60	24	0.6
E67	BL28962		13		27			26				3.27		1.55					0.65		27	
E68	BL09350		25		111			30				6.65		19		<0.01		2	14		8	
E69	BL09349		30		1054			27				3.21		<10				0.1	<5		7	
E70	BL09152		8		52							2.18		15				1.14	51		23	
E70	BL09153		10		73							2.78		17				1.04	53		24	
E70	BL09175		10		54							2.5		13				1.4	24		20	
E71	BL09342		29		90			95				7.2		20				1.69	21		10	
E72	BL09310																					
E72	BL09341		3		99			21				0.45		18				1.03	7		<2	
E72	BL09392		<9		<9			<9				<9		<9				<9	<9		<9	
E73	BL09335		38		68			107				>10		20				2.43	28		8	
E73	BL09336		25		275			64				3.54		<10				2.67	<5		8	
E73	BL09337		32		301			33				6.1		<10				0.85	<5		11	
E73	BL09338		2		52			15				0.11		<10				2.82	<5		2	
E73	BL09339		25		92			77				7.15		15				3.01	19		8	
E73	BL09340		3		168			26				3.13		<10				0.15	9		2	
E73	BL09391		<9		<9			<9				<9		<9				<9	<9		<9	
E74	BL09228		<1		241			110				5.34		13				0.32	13		17	
E74	BL09229		<1		128			149				6.55		19				0.74	13		20	
E74	BL09230		<1		174			125				5.58		17				0.5	15		11	
E75	BL09231		<1		180			134				6.95		18				1.29	18		7	
E75	BL09232		<1		155			106				6.02		16				1.32	18		5	
E76	BL09234		5		56			26				1.73		15				1.73	28		16	
E77	BL09233		<1		43			35				3.72		18				1.83	33		29	
E78	BL09227		<1		121			103				6.9		22				0.75	21		17	
E79	BL09390																					
E80	BL09309																					
E81	BL09330		2		130			14				1.08		15				2.45	28		7	

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E57	BL28416	0.24	147		10	<5			0.12	0.08	9			<62	12		6128					410	
E57	BL28417	0.05	1017		17	<61			0.06	<0.15	7			<550	10		>10000		2.31			<260	
E57	BL28790											<5											<1
E58	BL28867	0.15	2065		9	<2			0.77	0.73	13			50	47		30					120	
E59	BL28802	0.09	170		1	<2			0.43	0.42	15			<20	16		24					95	
E60	BL09180				10												4						
E60	BL09181											45											266
E61	BL09407											11											205
E61	BL09408				5												6						
E62	BL28801	0.61	2435		9	5			0.61	0.63	21			390	355		101					<10	
E63	BL28800					<2				<0.05				<20								<10	
E64	BL28825	0.26	64		<1	5			0.08	0.06	<5			22	20		8					53	
E64	BL28798					<2				0.81				230								61	
E64	BL28799					<2				0.84				230								91	
E64	BL28796					4				<0.05				<20								110	
E64	BL28797	0.24	185		7	<2			0.07	<0.05	6			41	18		43					63	
E65	BL26159																						
E65	BL28966					<2				<0.05				<20								110	
E65	BL28967					<2				<0.05				<20								12	
E66	BL28968	0.76	1358		<1	<2			0.45	0.28	20			<20	55		47					140	
E66	BL28969	0.87	1409		5	<2			0.5	0.24	19			98	87		49					140	
E66	BL28970					<2				<0.05				32								80	
E66	BL28964	0.94	1424		<1	<2			0.59	0.25	21			47	49		36					150	
E66	BL28965	152	7374		<1										196		26						
E67	BL28961	0.73	870		<1	<2			1.11	1	23			<20	39		60					64	
E67	BL28963	0.75	1038		2	<2			1.08	0.83	23			40	34		40					83	
E67	BL28962	58	1500		<1										30		20						
E68	BL09350	2.51			4				1.65		5				13		16						
E69	BL09349	10			<1				0.21		12				121		5			<1	<5		
E70	BL09152	0.61	982		<1				1.26		14				30		17						
E70	BL09153	0.86	702		1				1.49		14				38		18						
E70	BL09175	0.71	965		<1				1.54		11				33		18						
E71	BL09342	2.8			8				1.66		9	5			16		24			5	12		101
E72	BL09310											7											85
E72	BL09341	0.11			3				2.64		5	<5			6		24						100
E72	BL09392	<9			<9				<9		<9				<9		<9			<1	<5		
E73	BL09335	4.75	1137		<1				1.35		6	6			13	<10	26			<20	<20		39
E73	BL09336	5.35			<1				1.43		6	<5			34	<10	12			<20	<20		81
E73	BL09337	10			<1				0.36		8	<5			29	<10	6			<20	<20		39
E73	BL09338	0.12			3				1.61		<5	<5			4		31						267
E73	BL09339	2.73			9				1.45		5	<5			13	<10	20			<20	<20		87
E73	BL09340	7.04			15				0.22		6				104		6					<1	
E73	BL09391	<9			<9				<9		<9				<9		<9			43	47	<1	
E74	BL09228	2.94	179		<1				3.13		12				147		3						
E74	BL09229	3.99	959		4				3.38		7				74		7						
E74	BL09230	2.67	1185		<1				3.27		28				130		17						
E75	BL09231	5.04	862		17				2.02		8				136		11						
E75	BL09232	4.7	276		<1				2.65		7				104		7						
E76	BL09234	0.31	1207		2				2.42		9	8			5		164						108
E77	BL09233	0.68	1431		4				2.38		10				5		21						
E78	BL09227	3.91	991		6				3.5		13				66		5						
E79	BL09390											<5										<1	139
E80	BL09309											<5											129
E81	BL09330	0.2	380		<1				1.82		10				9		25					<1	

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
E57	BL28416			17	<18		10	<22	3.4	307	<870		12	<100	<1	<1		<25	<110	12	0.21	2.2
E57	BL28417			140	<117		<4.7	<280	<2.4	39	500		4	<100	<8	<7		<25	<1200	<21	0.04	1
E57	BL28790											<1										
E58	BL28867			10	0.6		5.4	<10	8.3	20	<200		75	<100	1	1		<25	<20	17	0.21	
E59	BL28802			24	0.6		5.4	<10	8.4	22	<200		32	<100	2	1		<25	<20	17	0.31	
E60	BL09180			<5													<0.2					1.1
E60	BL09181											31										
E61	BL09407											231										
E61	BL09408			<5																		
E62	BL28801			<5	5.5		18	<10	5.7	29	<200		840	<100	1	<1		<25	<20	9.1	0.26	<0.1
E63	BL28800				1.3		3.5	<10	0.7		<200				<1	<1			<20	<0.5		
E64	BL28825			<5	3.5		4.7	<10	1.1	<20	<200		104	<100	<1	<1		<25	<20	2.6	0.07	
E64	BL28798				0.8		19	<10	10		<200				1	<1			<20	17		
E64	BL28799				0.7		20	<10	8.7		<200				<1	<1			<20	14		
E64	BL28796				4.8		4	<10	1.9		<200				<1	<1			<53	5.1		
E64	BL28797			13	13		3.3	<10	3.1	<20	<200		66	<100	<1	<1		<25	<20	6.6	0.15	0.3
E65	BL26159																					
E65	BL28966				3.3		4.3	<10	4.3		<200				<1	<1			<20	8.4		
E65	BL28967				1		0.8	<10	0.5		<200				<1	<1			<20	0.6		
E66	BL28968			39	6.8		14	<10	6.8	27	<200		57	<100	2	1		<25	<20	17	0.53	
E66	BL28969			19	3.4		14	<10	6.3	32	<420		74	<100	2	<1		<25	<50	16	0.52	
E66	BL28970				5.6		4.6	<10	3.7		<200				<1	<1			<20	13		
E66	BL28964			<5	2.6		14	<10	6.6	28	<200		84	<100	2	<1		<25	<20	15	0.53	
E66	BL28965			<5						<20				0.86			<10				<0.01	
E67	BL28961			11	2.6		11	<10	14	32	<200		77	<100	2	2		<25	<20	47	0.85	
E67	BL28963			<5	2.7		12	<10	7.8	40	<200		84	<100	3	1		<25	<20	23	0.97	
E67	BL28962			<5						<20				0.64			<10				<0.01	
E68	BL09350			5						<20			1142	<100			<0.2				0.33	0.5
E69	BL09349			7						<20			136	<100				<25			0.07	
E70	BL09152			<5						<20			159	<100				<25			0.27	
E70	BL09153			<5						43			197	<100				<25			0.32	
E70	BL09175			<5						54			180	<100				<25			0.26	
E71	BL09342			7						<20		1212	1398	<100				<25			0.35	
E72	BL09310											979										
E72	BL09341			<5						<20		1391	1338	<100				<25			0.04	
E72	BL09392			<9						<9			<9	<9			<9				<9	
E73	BL09335	<5	<50	<5						<20		598	697	<100				<25			0.61	
E73	BL09336	<5	<50	<5						<20		716	785	<100				<25			0.16	
E73	BL09337	<5	<50	<5						<20		138	152	<100				<25			0.21	
E73	BL09338			<5						<20		1528	1701	<100				<25			0.01	
E73	BL09339	<5	<50	<5						<20		1020	1116	<100				<25			0.36	
E73	BL09340			<5						<20			136	<100				<25			0.06	
E73	BL09391			<9						<9			<9	<9			<9				<9	
E74	BL09228			<5						<20			400	<100				<25			0.65	
E74	BL09229			<5						<20			201	<100				<25			1.01	
E74	BL09230			12						<20			487	<100				<25			0.93	
E75	BL09231			<5						23			364	<100				<25			0.72	
E75	BL09232			8						<20			476	<100				<25			0.76	
E76	BL09234			<5						<20		390	394	<100				<25			0.15	
E77	BL09233			<5						<20			361	<100				<25			0.27	
E78	BL09227			<5						<20			168	<100				<25			0.98	
E79	BL09390											959										
E80	BL09309											1220										
E81	BL09330			<5						<20			47	<100				<25			0.07	

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E57	BL28416	1.6	40		<20	26		5		<14	2361	2800			11	<500						
E57	BL28417	<14	<2		<20	<31		6		<51	16327	<22900	1.89		<5	<8500						
E57	BL28790								<1								26	93.94	0.02	0.59	1.13	0.84
E58	BL28867	4.7	39		<20	3		14		<5	125	<200			42	<500						
E59	BL28802	4	27		<20	5		<5		<5	31	<200			29	660						
E60	BL09180										55											
E60	BL09181								84								420	77.26	0.31	12.28	0.52	0.13
E61	BL09407								34								156	70.37	0.31	14.77	0.94	1.22
E61	BL09408										39											
E62	BL28801	4	250		<20	3		<5		<5	111	<200			70	<500						
E63	BL28800	<0.5				<2				<5		<200				<500						
E64	BL28825	0.6	30		<20	<2		<5		<5	20	<200			28	<500						
E64	BL28798	4.7				<2				<5		<200				<500						
E64	BL28799	4.4				<2				<5		<200				<500						
E64	BL28796	1				4				<5		<200				<500						
E64	BL28797	2.3	26		<20	3		17		<5	41	<200			7	<500						
E65	BL26159																					
E65	BL28966	2.4				6				<5		470				<500						
E65	BL28967	<0.5				<2				<5		770				<500						
E66	BL28968	5.3	69		<20	9		20		<5	118	220			39	<500						
E66	BL28969	5.8	83		<20	7		23		<5	154	220			50	740						
E66	BL28970	2				3				<5		<200				<500						
E66	BL28964	4.9	78		<20	7		20		6	103	<200			64	810						
E66	BL28965		7		<20						225											
E67	BL28961	6.1	67		<20	14		26		7	63	<200			59	950						
E67	BL28963	6.2	69		<20	<2		21		8	62	<200			83	980						
E67	BL28962		29		<20						65											
E68	BL09350		246		<20			16			85											
E69	BL09349		149		<20			5			33											
E70	BL09152		66		<20			17			70				48							
E70	BL09153		80		<20			15			89				42							
E70	BL09175		77		<20			12			72				36							
E71	BL09342		258		<20			20	23		95						13	54.69	0.64	13.74	2.44	6.05
E72	BL09310								27								121	57.13	0.9	13.99	3.16	6.37
E72	BL09341		19		<20			<5	15		14						26	75.02	0.17	13.81	0.54	0.19
E72	BL09392		<9		<9			<9			<9											
E73	BL09335		447		<20			29	27		168						73	46.26	1.15	12.33	3.66	11.64
E73	BL09336		129		<20			5	12		55						4	61.37	0.36	9.32	1.08	3.6
E73	BL09337		212		<20			8	10		67						10	49.53	0.48	2.8	2.88	4.82
E73	BL09338		7		<20			<5	27		14						2	66.09	<0.01	19.2	0.03	0.13
E73	BL09339		262		<20			17	22		100						41	55.88	0.7	13.44	3.04	6.24
E73	BL09340		917		<20			22			603											
E73	BL09391		<9		<9			<9			<9											
E74	BL09228		167		<20			16			60											
E74	BL09229		238		<20			18			77											
E74	BL09230		176		<20			17			56											
E75	BL09231		167		<20			19			91											
E75	BL09232		176		<20			18			46											
E76	BL09234		27		<20			12	25		130						123	68.97	0.31	15.59	0.97	1.54
E77	BL09233		56		<20			15			59											
E78	BL09227		261		<20			27			50											
E79	BL09390								22								74	74.12	0.02	14.28	0.7	0.06
E80	BL09309								23								60	64.08	0.49	14.26	2.44	2.89
E81	BL09330		10		<20			12			44											

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E57	BL28416									
E57	BL28417									
E57	BL28790	2.06	0.03	<0.01	0.06	0.08	0.26	<0.03	2.53	99.58
E58	BL28867									
E59	BL28802									
E60	BL09180									
E60	BL09181	0.67	<0.01	0.03	0.38	2.17	5.74	<0.03	1.2	100.04
E61	BL09407	2.3	0.04	0.71	2.27	3.19	4.4	0.35	1.14	99.85
E61	BL09408									
E62	BL28801									
E63	BL28800									
E64	BL28825									
E64	BL28798									
E64	BL28799									
E64	BL28796									
E64	BL28797									
E65	BL26159									
E65	BL28966									
E65	BL28967									
E66	BL28968									
E66	BL28969									
E66	BL28970									
E66	BL28964									
E66	BL28965									
E67	BL28961									
E67	BL28963									
E67	BL28962									
E68	BL09350									
E69	BL09349									
E70	BL09152									
E70	BL09153									
E70	BL09175									
E71	BL09342	9.17	0.19	4.2	7.54	1.94	5.26	0.73	0.79	98.89
E72	BL09310	10.23	0.19	4.03	6.95	1.81	3.21	0.73	1.26	100.43
E72	BL09341	0.76	0.01	0.17	1.01	3.81	4.92	<0.03	0.55	100.23
E72	BL09392									
E73	BL09335	16.59	0.32	6.21	11.1	1.35	2.75	1.27	0.93	100.26
E73	BL09336	5.08	0.12	6.87	10.33	1.69	3.02	0.09	0.63	98.88
E73	BL09337	8.23	0.22	16.81	19.16	0.27	0.98	0.63	0.89	100
E73	BL09338	0.18	<0.01	0.12	0.21	2	10.72	<0.03	0.4	98.92
E73	BL09339	9.98	0.2	4.13	7.04	1.71	4.29	0.67	1.15	99.19
E73	BL09340									
E73	BL09391									
E74	BL09228									
E74	BL09229									
E74	BL09230									
E75	BL09231									
E75	BL09232									
E76	BL09234	2.68	0.05	0.67	2.82	3.35	3.74	<0.03	2.01	100.19
E77	BL09233									
E78	BL09227									
E79	BL09390	0.77	0.06	0.04	1.3	4.56	3.98	<0.03	0.43	99.56
E80	BL09309	5.66	0.12	2.26	3.91	2.78	4.85	0.44	0.81	99.66
E81	BL09330									

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E81	BL09331	Teddy's Fork Stockwork	64	35.924	141	28.746	R
E81	BL09389	Teddy's Fork Stockwork	64	35.867	141	28.900	R
E82	BL09332	Teddy's Fork Stockwork	64	35.703	141	28.886	R
E82	BL09333	Teddy's Fork Stockwork	64	35.703	141	28.886	R
E82	BL09334	Teddy's Fork Stockwork	64	35.694	141	28.886	R
E82	BL09388	Teddy's Fork Stockwork	64	35.733	141	28.905	R
E83	BL06373		64	35.644	141	01.521	R
E84	BL28381		64	30.032	141	06.810	PC
E84	BL28378		64	30.032	141	06.810	R
E84	BL28379		64	30.032	141	06.810	R
E84	BL28380		64	30.032	141	06.810	R
E84	BL28390		64	30.032	141	06.810	SS
E85	BL28388		64	30.000	141	08.000	PC
E85	BL28389		64	30.000	141	08.000	SS
E86	BL28387		64	29.645	141	10.319	PC
E86	BL28386		64	29.507	141	10.674	PC
E87	BL28409		64	28.870	141	12.559	R
E88	BL28408		64	30.214	141	11.850	R
E89	BL28404		64	32.219	141	15.013	PC
E89	BL28405		64	32.219	141	15.013	PC
E89	BL28403		64	32.219	141	15.013	R
E89	BL28406		64	32.219	141	15.013	R
E89	BL28407		64	32.219	141	15.013	R
E89	BL28767		64	32.141	141	14.997	R
E90	BL28883	Lead Creek	64	30.167	141	24.667	R
E91	BL28829	Lead Creek	64	30.370	141	25.160	SO
E92	BL28834	Lead Creek	64	30.165	141	26.450	SO
E92	BL28833	Lead Creek	64	30.160	141	26.400	SO
E92	BL28832	Lead Creek	64	30.150	141	26.200	SO
E92	BL28830	Lead Creek	64	30.140	141	25.900	SO
E92	BL28831	Lead Creek	64	30.140	141	25.850	SO
E93	BL28911	Lead Creek	64	30.721	141	26.429	SO
E93	BL28912	Lead Creek	64	30.652	141	26.674	SO
E93	BL28913	Lead Creek	64	30.586	141	26.685	SS
E94	BL28888	Lead Creek	64	30.893	141	25.554	SO
E94	BL28889	Lead Creek	64	30.889	141	25.724	SO
E94	BL28890	Lead Creek	64	30.765	141	25.979	SO
E95	BL28887	Lead Creek	64	30.867	141	25.313	SO
E95	BL28886	Lead Creek	64	30.829	141	25.100	SO
E96	BL28884	Lead Creek	64	31.279	141	25.013	R
E96	BL28827	Lead Creek	64	31.216	141	25.027	R
E96	BL28885	Lead Creek	64	31.048	141	25.012	R
E97	BL28860	Lead Creek	64	31.519	141	24.534	R
E97	BL28861	Lead Creek	64	31.490	141	24.492	R
E97	BL28862	Lead Creek	64	31.424	141	24.377	R
E97	BL07994	Lead Creek	64	31.420	141	24.500	R
E98	BL28881	Lead Creek	64	31.729	141	24.805	R
E98	BL28882	Lead Creek	64	31.701	141	24.800	R
E99	BL28995		64	31.350	141	33.567	R
E99	BL28863		64	31.310	141	33.517	R
E99	Bl28864	Little Champion Creek	64	31.310	141	33.517	R
E99	BL28987		64	31.310	141	33.517	SS
E99	BL28996		64	31.309	141	33.533	R
E100	BL07988	Champion East	64	34.058	141	33.151	R

Map number	Sample number	Description
E81	BL09331	Pyritic quartz-amphibole gneiss with abundant chlorite after amphibole retro-grade altered by quartz stockwork veining
E81	BL09389	Soil
E82	BL09332	Blue-grey flint-like quartz with yellow and orange limonite; trace disseminated pyrite, chalcopyrite, sphalerite, galena
E82	BL09333	Pyritic limonite quartz-augen amphibolite gneiss
E82	BL09334	Blue-grey quartz with abundant very-fine-grained disseminated pyrite
E82	BL09388	Soil
E83	BL06373	Quartz, K-spar porphyry biotite granite; aphanitic groundmass with large euhedral phenocrysts; Similar to rocks at Peternie, BL06290, BL06284
E84	BL28381	Panned concentrate of sediment impacted stream-side bryophyte moss.
E84	BL28378	Milky-white, coarse-grained quartz with crystal voids filled with white clay; 2 grains of a soft metallic sulfide 1-4 mm diameter
E84	BL28379	Pyritic quartz-chlorite-altered schist with 1% pyrite along foliation and minor quartz veining.
E84	BL28380	White silicified marble with 1-2 knots of white quartz; <1% fine-grained pyrite along fractures.
E84	BL28390	Stream sediment.
E85	BL28388	Panned concentrate of sediment impacted stream-side bryophyte moss.
E85	BL28389	Stream sediment.
E86	BL28387	Panned concentrate of sediment impacted stream-side bryophyte moss.
E86	BL28386	Panned concentrate.
E87	BL28409	Calcareous, black, weakly pyritic argillite.
E88	BL28408	Black argillite with yellow oxide coatings on some partings.
E89	BL28404	Panned concentrate of sediment impacted stream-side bryophyte moss.
E89	BL28405	Panned concentrate.
E89	BL28403	Silicic tuff with 60% off-white aphanitic groundmass, 30% blackened, hairline fracture filling, 10% thin quartz veins.
E89	BL28406	Silicified tuff with 1% pyrite.
E89	BL28407	Black graphitic shale/schist associated with felsic tuff.
E89	BL28767	Carbonate-veined felsic tuff with 25% coarse-grained pyrite; vein width is 13 cm.
E90	BL28883	Quartz muscovite schist with moderate yellow oxide coating.
E91	BL28829	Soil sample.
E92	BL28834	Soil sample.
E92	BL28833	Soil sample.
E92	BL28832	Soil sample.
E92	BL28830	Soil sample.
E92	BL28831	Soil sample.
E93	BL28911	Soil sample.
E93	BL28912	Soil sample.
E93	BL28913	Stream sediment.
E94	BL28888	Soil sample.
E94	BL28889	Soil sample.
E94	BL28890	Soil sample.
E95	BL28887	Soil sample.
E95	BL28886	Soil sample.
E96	BL28884	Siliceous mica schist with yellow oxide coat.
E96	BL28827	Gray to dark gray metachert with pyrite.
E96	BL28885	Grey felspar porphyry dike with 3-4% disseminated pyrite/pyrrhotite.
E97	BL28860	Metamorphic quartz segregation lenses 5cm to 10cm thick with open-spaced vugs lined with boxwork gossan.
E97	BL28861	Metamorphic quartz segregation with abundant vugs and casts of oxidized sulfides.
E97	BL28862	Brecciated/silicified biotite schist with minor Fe-oxide staining and boxworks.
E97	BL07994	Crackle-brecciated biotite schist with lenticular open-spaces filled with gossan.
E98	BL28881	Silicified biotite schist. The biotite has been variably altered to white mica. Yellow and orange crusts coat rubble; zone width estimated to be 0.3 to 0.6m.
E98	BL28882	Select sample of banded, siliceous, yellow-green-stained nodules found in graphitic biotite schist.
E99	BL28995	Silicified calcareous greenstone with 5% sphalerite-galena-pyrite.
E99	BL28863	Silicified, carbonate altered and veined greenstone with 1% disseminated sphalerite-pyrite-pyrrhotite.
E99	Bl28864	Deformed meta-greenstone; shears filled with gossany carbonate and minor blebs of galena.
E99	BL28987	Stream sediment.
E99	BL28996	Gossany quartz clast breccia.
E100	BL07988	Carbonate schist with calc-silicate layers and minor galena.

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E81	BL09331	<0.5				6.25				<.001			1158			<5			0.2	<2		
E81	BL09389	<0.5				3.32				0.001			1026			<5			0.02	<2		
E82	BL09332	0.6				5.05				<.001			1752			<5			0.02	2.5		
E82	BL09333	<0.5				5.36				<.001			1721			<5			0.12	3		
E82	BL09334	<0.5				4.45				<.001			925			<5			0.02	3		
E82	BL09388	<0.5				5.42				<.001			538			<5			0.05	<2		
E83	BL06373														2021							
E84	BL28381	<0.5	<5			0.75	45	29	170				792	11300		15	<1	<1	0.21	<2	<10	200
E84	BL28378	1.7	<5			0.8	6	4	<5				87	<100		8	3	<1	0.05	4	<10	<10
E84	BL28379	<0.5	<5			6.51	45	19	<5				853	4200		13		<1	3.1	<2	<10	17
E84	BL28380	<0.5	<5			0.99	23	5	<5				106	120		33		<1	>10	<2	<10	<10
E84	BL28390	<0.5				1.15	40						699			14			0.33	<2		
E85	BL28388	<0.5	<5			1.4	25	21	<5				>2000	3200		11		<1	0.57	2.3	<10	260
E85	BL28389	<0.5				1.46	14						1262			19			0.57	2.2		
E86	BL28387	<0.5	<5			0.96	40	27	25				>2000	4400		19		<1	0.33	2.1	<10	190
E86	BL28386	1	<5			1.27	50	20	62				1105	1500		9		<1	0.43	<2	<10	69
E87	BL28409		<5					6	<5					330				<1			<10	30
E88	BL28408		<5					12	11					1000				<1			<10	43
E89	BL28404	<0.5	<5			1.8	43	30	<5				>2000	4500		15		<1	0.59	<2	<10	110
E89	BL28405	<0.5	<5			1.55	53	34	22				1886	4800		28		1	1.02	<2	<10	140
E89	BL28403	0.8	<5			6.64	53	6	<5				1630	2300		10		<1	0.15	<2	<10	130
E89	BL28406		<5					27	<5					640				<1			<10	77
E89	BL28407		<5					35	<5					1800				<1			<10	49
E89	BL28767	<0.5	<5			7.32	30	2	<5				1876	2100		<5		<1	3.84	<2	<10	59
E90	BL28883		<5		1.9			2740	70					660				<22			<10	47
E91	BL28829	4.2	5			>10	188	19	<5				684	780		<5		7	0.95	<2	<10	40
E92	BL28834	6.9	<5			>10	242	<1	<5				1132	<100		<5		<1	1	<2	<10	<10
E92	BL28833	4.3	7			>10	93	22	<5				927	1200		<5		6	2.1	<2	<10	56
E92	BL28832	5.3	<5			>10	125	<1	<5				865	<100		<5		<1	2.18	<2	<10	<10
E92	BL28830	5.2	<5			>10	160	16	<5				1007	1100		<5		3	1.72	<2	<10	58
E92	BL28831	6.4	<5			>10	142	13	<5				1089	1300		<5		1	1.86	<2	<10	69
E93	BL28911				1.9																	
E93	BL28912				3.1																	
E93	BL28913	0.6				1.6	27						246			<5			1.3	<1		
E94	BL28888				0.9																	
E94	BL28889				3.3																	
E94	BL28890				<0.1																	
E95	BL28887				0.9																	
E95	BL28886				1.4																	
E96	BL28884		6		3.1			310	<5					270				4			<10	41
E96	BL28827																					
E96	BL28885	1.4	<5			>10	>2000	2450	67				>2000	1300		16		<20	4.04	6.5	<10	71
E97	BL28860		<5					20	<5					110				<1			<10	<10
E97	BL28861		<5					15	6					200				<1			<10	12
E97	BL28862		<5					23	<5					590				<1			<10	36
E97	BL07994	<0.5	<5			2.29	54	35	<5				569	640		<5			0.08	<2	<10	19
E98	BL28881	1.9	7			0.29	516	531	14				114	<100		6		5	0.07	<2	<10	35
E98	BL28882	>50	<160	3.28		1.33	>2000	>10000	<3680				304	<4300		<5		<744	0.03	882.6	<450	20
E99	BL28995		7					57	<5					100				1			360	71
E99	BL28863	0.8	<5			2.29	27	28	<5				133	<100		10		<1	>10	2.2	13	59
E99	BI28864		<5	0.08				41	<5					420				1			45	37
E99	BL28987	<0.2				0.11	<5						184			<5			8	<1		
E99	BL28996		<5					28	<5					530				<1			<10	78
E100	BL07988	1.2	<5			9.96	47	41	<5				744	250		31			>10	<2	<10	130

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E81	BL09331		4		87			16				1.32		17				2.11	20		6	
E81	BL09389		<1		129			10				0.48		11				1.5	28		<2	
E82	BL09332		<1		141			16				0.38		<10				2.59	30		<2	
E82	BL09333		3		129			14				1.05		11				2.32	27		4	
E82	BL09334		<1		164			18				0.63		<10				2.23	27		3	
E82	BL09388		3		114			37				1.11		20				1.24	56		11	
E83	BL06373																					
E84	BL28381		22	35	114	380	4	33			3	4.17	7.2	15	14		<100	1.59	14	98	15	0.6
E84	BL28378		<1	<10	321	550	<1	26			<2	0.35	<0.5	<10	<2	<0.01	<100	0.21	17	<5	6	<0.5
E84	BL28379		14	14	63	120	<1	29			<2	3.67	4.3	15	<2		<100	1.3	<5	6	2	<0.5
E84	BL28380		9	<10	38	67	<1	9			<2	2.59	3	<10	<2		<100	0.11	<5	<5	<2	<0.5
E84	BL28390		6		71			23				2.14		16				1.63	13		21	
E85	BL28388		11	26	113	170	4	33			3	2.72	4.4	15	7		<100	1.23	53	140	24	<0.5
E85	BL28389		10		102			31				2.74		19				1.57	14		30	
E86	BL28387		9	14	108	240	3	24			3	2.71	4.4	11	9		<100	0.96	36	88	23	<0.5
E86	BL28386		14	18	116	130	3	30			<2	3.28	5	15	4		<100	0.96	10	33	22	<0.5
E87	BL28409			<10		97	2			24	<2		1.2		14		<100			17		<0.5
E88	BL28408			<10		190	5			22	<2		0.7		7		<100			20		<0.5
E89	BL28404		13	20	579	820	4	28			3	4.22	6.1	14	5		<100	0.98	23	56	23	0.5
E89	BL28405		19	49	857	1900	3	38			2	5.9	10	18	5		<100	0.75	14	59	21	0.5
E89	BL28403		<1	<10	49	170	6	9			<2	0.25	<0.5	14	7		<100	0.78	61	73	5	<0.5
E89	BL28406			<10		190	5				<2		1.3		4		<100			45		<0.5
E89	BL28407			20		290	9			78	<2		3.3		<2		<100			24		<0.5
E89	BL28767		12	10	112	230	3	22		16	<2	2.95	4	19	4		<100	0.55	30	27	16	<0.5
E90	BL28883			<10		320	1			63	<2		3.7		<2		<100			29		<0.5
E91	BL28829		<1	16	216	300	6	67			<2	>10	6.1	<10	5		<100	0.68	12	29	28	<0.5
E92	BL28834		8	<10	644	<50	<1	124			<2	>10	<0.5	<10	<2		<100	1.39	24	<5	35	<0.5
E92	BL28833		6	12	309	480	11	57			<2	>10	3.4	<10	7		<100	0.88	12	29	27	<0.5
E92	BL28832		4	<10	803	<50	<1	81			<2	>10	<0.5	<10	<2		<100	0.9	14	<5	28	<0.5
E92	BL28830		4	15	306	420	23	111			<2	>10	4.6	<10	3		<100	0.74	13	29	66	<0.5
E92	BL28831		3	18	377	410	9	92			<2	>10	5.2	<10	6		<100	1.14	12	30	48	<0.5
E93	BL28911									63												
E93	BL28912									39												
E93	BL28913		10		144			25				2.21						0.15	17			
E94	BL28888									67												
E94	BL28889									42												
E94	BL28890									30												
E95	BL28887									41												
E95	BL28886									99												
E96	BL28884			43		680	2			39	3		>10		4	<0.01	<100			21		<0.5
E96	BL28827																					
E96	BL28885		11	11	136	120	16	30			3	5.07	4.9	22	<2	<0.01	<100	1.69	27	32	21	0.6
E97	BL28860			<10		570	<1				<2		1.9		<2		<100			<5		<0.5
E97	BL28861			<10		470	<1				<2		1.4		<2	<0.01	<100			7		<0.5
E97	BL28862			<10		360	<1				<2		3.4		<2		<100			14		<0.5
E97	BL07994		4	<10	325	350	1	19			<2	1.27	1.3	<10	<2		<100	0.95	11	12	17	<0.5
E98	BL28881		<1	<10	342	400	<1	85			<2	1.93	1.8	<10	5		<100	0.17	19	23	5	<0.5
E98	BL28882		<1	<88	86	<2300	<21	1272			<47	>10	0.9	13	<76	0.048	99	0.47	<5	<21	<2	<15
E99	BL28995			120		250	13		0.01		<2		>10		8	0.013	<100			34		<0.5
E99	BL28863		33	32	155	220	44	15			<2	7.12	7.6	25	3		<100	0.02	17	27	8	<0.5
E99	BI28864			44		320	4				<2		8.3		6		<100			25		0.6
E99	BL28987		6		16			13				2.36		1.46					0.46		18	
E99	BL28996			14		130	19				<2		4.1		<2		<100			37		<0.5
E100	BL07988		49	70	162	230	2	21			4	9	>10	37	6		<100	0.52	54	66	17	<0.5

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E81	BL09331	0.35	290		7				3.19		13				8		30						
E81	BL09389	0.04			7				1.33		15				5		37						
E82	BL09332	0.04	112		9				1.09		14				5		148						
E82	BL09333	0.1	1627		3				1.96		10				10		90						
E82	BL09334	0.06	800		16				0.19		13				6		61						
E82	BL09388	0.44			7				0.8		18				6		32						
E83	BL06373											12											149
E84	BL28381	0.51	321		3	<2			0.32	0.44	18			<20	47		30					160	
E84	BL28378	0.04	78		25	<2			0.06	<0.05	<5			<20	24		322	334				11	
E84	BL28379	1.05	1086		7	<2			0.37	0.26	9			<20	10		13					150	
E84	BL28380	7.89	2677		3	<2			0.7	0.85	6			<20	7		24					<10	
E84	BL28390	0.56	577		11				0.69		15				29		28						
E85	BL28388	0.67	529		9	<2			0.5	0.64	17			49	44		14					110	
E85	BL28389	0.67	744		10				0.75		13				44		21						
E86	BL28387	0.56	260		6	<2			0.45	0.6	10			50	40		23					68	
E86	BL28386	0.59	633		9	2			0.5	0.65	8			37	50		25					82	
E87	BL28409					<2				<0.05				<20				11				43	
E88	BL28408					<2				<0.05				<20				9				71	
E89	BL28404	0.7	571		7	<2			0.38	0.52	11			100	78		20					82	
E89	BL28405	0.79	2473		5	3			0.42	0.59	10			110	113		25					67	
E89	BL28403	0.12	32		<1	<2			0.25	0.11	17			<20	4		<2					240	
E89	BL28406					<2				0.08				<20								190	
E89	BL28407					25				0.06				74				20				100	
E89	BL28767	0.74	899		21	<2			2.36	3.2	14			<20	18		19	10				93	
E90	BL28883					22				<0.05				<20				90				19	
E91	BL28829	0.64	424		13	<2			0.89	1.1	54			<20	23		<2					86	
E92	BL28834	0.82	765		21	<2			0.67	<0.05	74			<20	65		<2					<10	
E92	BL28833	0.83	906		8	4			0.86	1	35			40	33		56					77	
E92	BL28832	0.92	721		19	<2			0.76	<0.05	48			<20	59		6					<10	
E92	BL28830	1.07	825		18	6			0.75	0.88	54			<20	56		3					76	
E92	BL28831	1.38	730		14	4			0.92	1.2	56			54	52		<2					70	
E93	BL28911																	90					
E93	BL28912																	374					
E93	BL28913	0.59	609		3				0.03						33		112						
E94	BL28888																	73					
E94	BL28889																	459					
E94	BL28890																	143					
E95	BL28887																	96					
E95	BL28886																	428					
E96	BL28884					<2				0.09				200				374				13	
E96	BL28827																						
E96	BL28885	1.69	1089		4	<2			2.28	2	15			<20	8		1309					59	
E97	BL28860					4				<0.05				<20								10	
E97	BL28861					<2				0.11				<20								22	
E97	BL28862					<2				<0.05				<20								36	
E97	BL07994	0.26	96		2	<2			0.09		<5			<20	11		20						
E98	BL28881	0.03	43		3	<2			0.03	<0.05	6			<20	6		1866					18	
E98	BL28882	0.06	38		4	<110			0.09	<0.49	15			<850	4		>10000		10.71			<410	
E99	BL28995					<2				0.26				<20					<0.01			19	
E99	BL28863	0.46	7036		<1	<2			0.11	<0.05	10			<20	24		1578					<10	
E99	BI28864					<2				0.77				47					0.38			54	
E99	BL28987	29	422		<1										11		38						
E99	BL28996					<2				0.08				<20								86	
E100	BL07988	2.56	6163		5	<2			0.67		57			200	146		612						

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
E81	BL09331			6						<20			69	<100				<25			0.09	
E81	BL09389			<5						<20			24	<100				<25			0.04	
E82	BL09332			<5						21			40	<100				<25			0.04	
E82	BL09333			<5						<20			52	<100				<25			0.06	
E82	BL09334			<5						<20			33	<100				<25			0.03	
E82	BL09388			<5						<20			13	<100				<25			0.08	
E83	BL06373											210										
E84	BL28381			<5	6.1		15	<10	10	23	<200		49	<100	2	1	<0.2	<25	<20	20	0.49	
E84	BL28378			<5	7.3		<0.5	<10	0.4	<20	<200		17	<100	<1	<1		<25	<20	1.4	<0.01	<0.1
E84	BL28379			<5	7.1		25	<10	2.6	<20	<200		210	<100	<1	<1		<25	<20	2.3	0.22	
E84	BL28380			<5	4.4		2.6	<10	1.3	<20	<200		242	<100	<1	<1		<25	<20	1.1	0.03	
E84	BL28390			<5						21			54	<100				<25			0.32	
E85	BL28388			<5	4.5		17	<10	15	25	<200		72	<100	2	1		<25	<20	18	0.42	
E85	BL28389			<5						<20			66	<100				<25			0.4	
E86	BL28387			<5	2.5		14	<10	14	25	<200		60	<100	<1	1		<25	<20	13	0.38	
E86	BL28386			<5	3.3		14	<10	4.8	<20	<200		50	<100	<1	<1		<25	<20	8.6	0.28	
E87	BL28409				3.3		2.9	<10	3.2		<200				<1	<1			<20	5.5		
E88	BL28408				8.6		5.1	12	4.1		<200				<1	<1			<20	5.7		
E89	BL28404			<5	2		16	<10	8.7	<20	<200		45	<100	1	<1		<25	<20	9.1	0.44	
E89	BL28405			<5	3.2		22	<10	9.5	26	<200		56	<100	<1	<1		<25	<20	8.2	0.53	
E89	BL28403			<5	7.2		2.7	<10	10	<20	<200		46	<100	2	<1		<25	<20	29	0.09	
E89	BL28406				3.8		1.9	<10	4.8		<200				2	<1			<20	30		
E89	BL28407				32.5		12	<10	4.9		<200				<1	<1			<20	8.8		
E89	BL28767			<5	0.4		11	<10	4.2	<20	<200		522	<100	<1	<1		<25	<20	11	0.25	
E90	BL28883				38.8		15	<30	3.3		<420				<1	<1			<72	13		
E91	BL28829			<5	2.6		15	<10	4.2	32	<200		149	<100	<1	<1	80		<20	9.3	0.42	
E92	BL28834			<5	<0.2		<0.5	<10	<0.2	28	<200		165	<100	<1	<1	105		<20	<0.5	0.5	
E92	BL28833			<5	3.5		14	<10	4.8	23	<200		245	<100	<1	<1	52		<20	7.1	0.25	
E92	BL28832			<5	<0.2		<0.5	<10	<0.2	22	<200		259	<100	<1	<1	67		<20	<0.5	0.26	
E92	BL28830			<5	4.1		23	<10	6	20	<200		178	<100	<1	1	76		<20	8.6	0.36	
E92	BL28831			<5	3.2		24	<10	5.4	38	<200		216	<100	<1	<1	86		<20	10	0.33	
E93	BL28911																					
E93	BL28912																					
E93	BL28913			<5						<20			79				<10					
E94	BL28888																					
E94	BL28889																					
E94	BL28890																					
E95	BL28887																					
E95	BL28886																					
E96	BL28884				17		40	<10	6		<200				<1	1			<20	6		<0.1
E96	BL28827																					
E96	BL28885			<5	16		15	<10	4.8	21	<200		582	<100	<1	<1		<25	<50	12	0.44	0.3
E97	BL28860				1.1		1.7	<10	0.7		<200				<1	<1			<20	1.1		
E97	BL28861				1.2		2.3	<10	1.2		<200				<1	<1			<20	2.5		0.4
E97	BL28862				2.3		7.8	<10	3.1		<200				<1	<1			<20	3.2		
E97	BL07994			9	0.6		4.3	<10	2	<20	<200		30	<100		<1		<25	<20		0.13	
E98	BL28881			14	20.8		1.4	<10	2.6	<20	<200		45	<100	<1	<1		<25	<20	8.2	0.19	
E98	BL28882			1174	<1250		<16	<460	<1.5	52	<16000		13	<100	<13	<11		<25	<2300	<35	0.12	0.9
E99	BL28995				5.4		4.2	<10	5		<200				<1	<1			<20	16		0.7
E99	BL28863			<5	4.3		5.7	<10	4.7	<20	<200		915	<100	<1	<1		<25	<20	10	0.16	
E99	Bl28864				11		27	<10	6.2		<200				<1	1			<20	8.6		
E99	BL28987			<5						<20				0.4			<10				0.01	
E99	BL28996				10		7.7	<10	5.3		<200				<1	<1			<20	10		
E100	BL07988			<5	4.9		22	<10	11	65	<200		887	<100		1		<25	<20		1.58	

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E81	BL09331		18		<20			19			47											
E81	BL09389		4		<20			<5			7											
E82	BL09332		3		<20			6			19											
E82	BL09333		8		<20			15			189											
E82	BL09334		<2		<20			7			17											
E82	BL09388		7		<20			12			105											
E83	BL06373								33								137	70.69	0.24	13.79	0.77	1.48
E84	BL28381	5.4	96		<20	4		<5		5	106	<200			56	540						
E84	BL28378	<0.5	17		<20	<2		<5		<5	57	<200			5	<500						
E84	BL28379	2.7	117		<20	<2		12		<5	58	<200			34	<500						
E84	BL28380	<0.5	24		<20	<2		<5		<5	32	<200			<5	<500						
E84	BL28390		91		<20			5			108				49							
E85	BL28388	4.3	126		<20	4		<5		<5	111	<200			53	540						
E85	BL28389		133		<20			<5			146				61							
E86	BL28387	3.5	111		<20	<2		<5		<5	104	<200			30	<500						
E86	BL28386	2.5	109		<20	<2		<5		<5	112	<200			31	<500						
E87	BL28409	8		25		<2				<5		<200				610						
E88	BL28408	5.4		25		3				<5		<200				<500						
E89	BL28404	2.9	141		<20	2		6		<5	131	<200			33	<500						
E89	BL28405	3.1	158		<20	<2		6		5	177	250			26	<500						
E89	BL28403	7.5	2		<20	3		14		<5	10	<200			185	<500						
E89	BL28406	4.9				<2				<5		<200				<500						
E89	BL28407	5.8		32		<2				<5		260				<500						
E89	BL28767	3	71		<20	<2		16		<5	75	<200			10	530						
E90	BL28883	2.6				6				<5		<200				<500						
E91	BL28829	2.9	138		<20	3		7		<5	<2	210			46	<500						
E92	BL28834	<0.5	135		<20	<2		17		<5	73	<200			72	<500						
E92	BL28833	3.2	88		<20	<2		9		<5	134	280			33	550						
E92	BL28832	<0.5	97		<20	<2		13		<5	77	<200			51	<500						
E92	BL28830	2.9	127		<20	<2		17		<5	67	<200			38	<500						
E92	BL28831	3	107		<20	<2		11		<5	52	220			37	<500						
E93	BL28911																					
E93	BL28912																					
E93	BL28913		54		<20			10			234											
E94	BL28888																					
E94	BL28889																					
E94	BL28890																					
E95	BL28887																					
E95	BL28886																					
E96	BL28884	3.7				<2				6		360				<500						
E96	BL28827																					
E96	BL28885	2.6	119		<20	<2		20		<5	193	330			83	<500						
E97	BL28860	<0.5				<2				<5		<200				<500						
E97	BL28861	0.6				<2				<5		<200				<500						
E97	BL28862	1.2				<2				<5		<200				<500						
E97	BL07994		60		<20	<2		<5		<5	36	<200			27							
E98	BL28881	2.4	15		<20	<2		7		<5	34	<200			72	<500						
E98	BL28882	<23	<2		<20	<58		<5		<270	759	<7100			27	99						
E99	BL28995	3.2				<2				<5		12000	1.06			<500						
E99	BL28863	3	49		<20	<2		10		<5	888	950			33	<500						
E99	BI28864	1.6				<2				<5		5400				<500						
E99	BL28987		33		<20						109											
E99	BL28996	2.2				<2				<5		360				<500						
E100	BL07988		173		<20	3		18		<5	303	360			131							

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E81	BL09331									
E81	BL09389									
E82	BL09332									
E82	BL09333									
E82	BL09334									
E82	BL09388									
E83	BL06373	2.41	0.08	0.58	1.93	3.51	3.8	0.05	0.94	97.86
E84	BL28381									
E84	BL28378									
E84	BL28379									
E84	BL28380									
E84	BL28390									
E85	BL28388									
E85	BL28389									
E86	BL28387									
E86	BL28386									
E87	BL28409									
E88	BL28408									
E89	BL28404									
E89	BL28405									
E89	BL28403									
E89	BL28406									
E89	BL28407									
E89	BL28767									
E90	BL28883									
E91	BL28829									
E92	BL28834									
E92	BL28833									
E92	BL28832									
E92	BL28830									
E92	BL28831									
E93	BL28911									
E93	BL28912									
E93	BL28913									
E94	BL28888									
E94	BL28889									
E94	BL28890									
E95	BL28887									
E95	BL28886									
E96	BL28884									
E96	BL28827									
E96	BL28885									
E97	BL28860									
E97	BL28861									
E97	BL28862									
E97	BL07994									
E98	BL28881									
E98	BL28882									
E99	BL28995									
E99	BL28863									
E99	BI28864									
E99	BL28987									
E99	BL28996									
E100	BL07988									

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E100	BL07989	Champion East	64	34.058	141	33.151	R
E100	BL07990	Champion East	64	34.058	141	33.151	R
E100	BL28999	Champion East	64	34.050	141	32.937	R
E100	BL09101	Champion East	64	33.990	141	33.292	R
E100	BL09102	Champion East	64	33.926	141	33.370	R
E100	BL09103	Champion East	64	33.926	141	33.370	R
E101	BL29000		64	33.945	141	34.792	PC
E101	BL07992	Champion East	64	33.900	141	34.800	R
E101	BL07991	Champion East	64	33.775	141	34.688	R
E101	BL09149	Champion East	64	33.900	141	34.800	R
E101	BL09150	Champion East	64	33.900	141	34.800	R
E101	BL09151	Champion East	64	33.900	141	34.800	R
E102	BL28953		64	32.131	141	36.613	R
E102	BL28910		64	32.084	141	36.487	R
E102	BL28952		64	32.084	141	36.487	R
E103	BL27974		64	32.230	141	37.550	R
E103	BL28954		64	32.202	141	37.334	R
E104	BL28839		64	30.944	141	38.944	PC
E104	BL28838		64	30.944	141	38.944	SS
E105	BL28955		64	32.874	141	39.695	R
E106	BL27975		64	33.052	141	40.016	R
E107	BL28957	Champion I	64	33.474	141	40.336	R
E107	BL28956	Champion I	64	33.380	141	40.550	R
E107	BL26153	Champion I	64	33.364	141	40.469	R
E107	BL26154	Champion I	64	33.328	141	40.639	R
E107	BL26155	Champion I	64	33.328	141	40.639	R
E107	BL26156	Champion I	64	33.328	141	40.639	R
E107	BL28958	Champion I	64	33.328	141	40.639	R
E107	BL09177	Champion I	64	33.417	141	40.513	R
E107	BL09178	Champion I	64	33.349	141	40.831	R
E107	BL09179	Champion I	64	33.349	141	40.831	R
E108	BL28959	Champion II	64	33.272	141	42.898	R
E108	BL28960	Champion II	64	33.272	141	42.898	R
E108	BL26157	Champion II	64	33.266	141	42.888	R
E108	BL26158	Champion II	64	33.266	141	42.888	R
E110	BL09176	VABM Happy	64	33.191	142	18.955	SS
E111	BL28924	VABM Happy	64	32.679	142	18.360	R
E111	BL28926	VABM Happy	64	32.667	142	18.750	R
E111	BL28927	VABM Happy	64	32.667	142	18.750	R
E111	BL28925	VABM Happy	64	32.666	142	18.762	R
E112	BL28923	VABM Happy	64	32.544	142	17.980	R
E112	BL09188	VABM Happy	64	32.536	142	18.056	R
E113	BL28922	VABM Happy	64	32.373	142	17.953	R
E113	BL28921	VABM Happy	64	32.347	142	17.998	R
E113	BL28920	VABM Happy	64	32.251	142	18.029	R
E113	BL09189	VABM Happy	64	32.247	142	18.136	R
E113	BL09190	VABM Happy	64	32.159	142	18.122	R
E114	BL28914	VABM Happy	64	32.145	142	18.631	R
E114	BL28915	VABM Happy	64	32.144	142	18.645	R
E114	BL28919	VABM Happy	64	32.137	142	18.296	R
E114	BL28916	VABM Happy	64	32.107	142	18.440	R
E114	BL28917	VABM Happy	64	32.107	142	18.440	R
E114	BL28918	VABM Happy	64	32.107	142	18.348	R
E115	BL09191	VABM Happy	64	32.040	142	17.457	R

Map number	Sample number	Description
E100	BL07989	Gossany calc-silicate lens up to 11cm thick.
E100	BL07990	Massive garnet interbedded with limestone. Trace disseminated galena.
E100	BL28999	Disseminated galena in green calc-silicate
E100	BL09101	Green-gray amphibole and feldspar porphyry dike or plug; aphanitic groundmass; <1% fine-grained pyrrhotite
E100	BL09102	Green-gray, plagioclase porphyry dike; epidote-altered plagioclase; <1% coarse-grained biotite; <1% pyrrhotite
E100	BL09103	Skarn; <<1% chalcopyrite, trace galena
E101	BL29000	Panned concentrate. Concentrate contains minor black sands and heavy, creamy white sands.
E101	BL07992	Fe-stained, malachite-stained crushed biotite granite.
E101	BL07991	Fine-grained biotite-(hornblende) tonalite
E101	BL09149	Skarn with with green garnet, epidote, calcite and trace galena; sample width is 30cm
E101	BL09150	Skarn with green garnet, epidote, actinolite, pink calcite, and trace galena; MnO staining
E101	BL09151	Skarn with massive green garnet layers and pyroxene-epidote-rich layers within marble
E102	BL28953	Quartzo-feldspathic schist which has been cut by chlorite-quartz-feldspar veins which parallel schistosity.
E102	BL28910	Quartz-mica schist cross-cut by a 1cm-wide dull gray quartz vein with distinct envelope of hematite developed in schist.
E102	BL28952	Dense, milky-white, metamorphic quartz segregation with strong limonite coating, and boxwork gossan filled vugs up to 8mm in diameter.
E103	BL27974	Felsic intrusive with trace of pyrrhotite.
E103	BL28954	Veined biotite-chlorite-quartz hornfels. Veins are hairline width, coated with limonite, and appear to have alteration selvage.
E104	BL28839	Panned concentrate.
E104	BL28838	Stream sediment.
E105	BL28955	Gray-green, hornblende-feldspar-phyric granodiorite. Feldspar phenocryst show slight potassic(?) alteration.
E106	BL27975	Slightly weathered diorite float.
E107	BL28957	Biotite-bearing, hornblende-phyric tonalite
E107	BL28956	Sulfidic amphibolite; 25% sulfides: pyrrhotite-chalcopyrite.
E107	BL26153	Hornfels; highly altered, strong limonite coating, no visible sulfides.
E107	BL26154	Hornfels containing massive to semi-massive magnetite with disseminated chalcopyrite-pyrrhotite.
E107	BL26155	Channel sample across 0.3m banded, altered hornfels. Contains massive to semi-massive magnetite with disseminated chalcopyrite-pyrrhotite.
E107	BL26156	Select of massive magnetite.
E107	BL28958	Gray-green, altered tonalite (?) intrusive
E107	BL09177	Pyrrhotized hornfels roof pendant
E107	BL09178	Gossany pyroxene skarn with variable pyrrhotite-magnetite; pyrrhotite as much as 30% and magnetite as much as 40%
E107	BL09179	Altered hornblende-biotite granodiorite adjacent to pyrrhotite-magnetite pyroxene skarn
E108	BL28959	Select of sulfide-rich(80%) skarn. Sulfides: galena-sphalerite-chalcopyrite-pyrite.
E108	BL28960	Disseminated to stratiform galena and sphalerite in amphibole skarn. Total sulfides 20%.
E108	BL26157	Malachite-stained hornfels.
E108	BL26158	Malachite-stained hornfels.
E110	BL09176	Silica cemented fault breccia
E111	BL28924	5cm-wide quartz vein with vuggy carbonate casts cross-cutting siliceous hornfels or skarn.
E111	BL28926	Green acicular amphibole skarn with pyrrhotite(5%), sphalerite(2%) and trace chalcopyrite.
E111	BL28927	Pyroxene skarn with pyrrhotite-sphalerite-chalcopyrite.
E111	BL28925	Banded pyroxene skarn with pyrrhotite-chalcopyrite-sphalerite.
E112	BL28923	20cm x 15cm x 15cm boulder of massive pyrrhotite.
E112	BL09188	Brown and green pyroxene skarn with 8% sphalerite
E113	BL28922	Coarse-grained, plagioclase porphyritic syenite dike.
E113	BL28921	Gossany rubble zone containing a highly fractured aphanitic dike, plagioclase porphyritic dike and tactite with Mn-Fe oxide coatings.
E113	BL28920	White weathering aphanitic granodiorite dike.
E113	BL09189	Plagioclase-amphibole porphyry green-gray dike; amphiboles completely altered to chlorite
E113	BL09190	Plagioclase, biotite, quartz porphyry dike; fine-grained green-gray matrix
E114	BL28914	Leucocratic, quartz-eye porphyritic rhyolite dike ; aphanitic groundmass.
E114	BL28915	Random chip of green-white quartz-veined skarn.
E114	BL28919	Hornblende-biotite granite with gneissic texture.
E114	BL28916	Chalcopyrite-bearing green calc-silicate skarn.
E114	BL28917	White weathering, quartz-eye porphyritic rhyolite dike; aphanitic groundmass; estimated width 2-3m.
E114	BL28918	Pyrrhotite(20%)-, chalcopyrite(1%)-bearing pyroxene tactite. Trace of native copper observed in pyroxenes.
E115	BL09191	Quartz-eye porphyry, aphanitic granite with sparse plagioclase phenocrysts; limonite-filled cavities and rare pyrite

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E100	BL07989	1.2	9			3.27	86	8	7				243	<100		13			>10	<2	<10	61
E100	BL07990	2	<5			4.92	53	8	<5				293	<100		31			>10	5.5	17	38
E100	BL28999		<5					2	<5					1200				<1			<10	29
E100	BL09101														1089							
E100	BL09102														1130							
E100	BL09103	2.1					<5					<5				8						
E101	BL29000	<0.5	<5			6.55	49	18	<5				1017	870		13		<1	2.04	<2	<10	82
E101	BL07992		21					20	7					390				1			<10	64
E101	BL07991														1176							
E101	BL09149	9.1					28					100				39						
E101	BL09150	2					12					9				17						
E101	BL09151	1.1					<5					<5				8						
E102	BL28953		<5					10	<5					390				<1			<10	38
E102	BL28910		<5					765	11					580				6			<10	82
E102	BL28952		<5					13	<5					<100				<1			<10	<10
E103	BL27974		5					2	<5					1200				<1			<10	65
E103	BL28954		<5					19	<5					1200				<1			24	160
E104	BL28839	<0.5	<5			2.21	9	14	58				641	820		<5		<1	0.4	<2	<10	110
E104	BL28838	<0.2				2.07	14						346		1314	<5			0.82	<1		
E105	BL28955																					
E106	BL27975														1049							
E107	BL28957																					
E107	BL28956		7					3	87					<100				<1			<10	15
E107	BL26153		<5					3	872					<100				<1			<10	
E107	BL26154		<5					18	230					<100				1			<10	
E107	BL26155		<5					14	110					<100				1			<10	
E107	BL26156		6					15	490					<100				<1			<10	
E107	BL28958		78					6	<5					<100	22			1			1160	22
E107	BL09177	0.2					<5					<5				<5						
E107	BL09178	0.6					<5					170				23						
E107	BL09179	<0.2					<5					11				<5						
E108	BL28959		7	0.18				4	<5					110				<1			430	68
E108	BL28960		<5	<0.02				7	<5					1600				<1			<10	32
E108	BL26157	10.4	32			2.39	75	13	<17				96	<290		87			7.15	152.3	220	87
E108	BL26158	13.1	43			2.37	27	24	<5				85	<100		84			6.99	27.4	41	67
E110	BL09176	<0.2					11					<5				<5						
E111	BL28924		<5					13	613					180			44	<1			14	14
E111	BL28926		31					43	16					<100				<1			570	<10
E111	BL28927		9					733	8					<100				6			32	<10
E111	BL28925		17					108	11					<100				2			520	<10
E112	BL28923		<5					15	51					<100				<1			1650	<20
E112	BL09188	8.1					<5					24				19						
E113	BL28922														2920							
E113	BL28921	2.5	6			1.81	24	11	15				1323	1700		23		<1	3.57	9.8	15	60
E113	BL28920														1882							
E113	BL09189														1420							
E113	BL09190														1956							
E114	BL28914														1528							
E114	BL28915		<5					43	<5					160				<1			<10	16
E114	BL28919														927							
E114	BL28916		130					72	1680					<100			238	1			110	140
E114	BL28917														1516							
E114	BL28918	2.5	<5			0.58	44	36	120				337	<100		29	9	<1	>10	6.7	21	<10
E115	BL09191														2432							

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E100	BL07989		34	41	140	120	<1	365			4	>10	>10	24	3		<100	0 05	25	37	3	<0 5
E100	BL07990		21	24	216	280	<1	9			2	>10	>10	31	3		<100	0 04	14	22	7	<0 5
E100	BL28999			11		160	<1				<2		3		<2		<100			15		<0.5
E100	BL09101																					
E100	BL09102																					
E100	BL09103							1076								0.021						
E101	BL29000		4	<10	125	140	9	21			<2	2.21	3.1	12	29		<100	1.86	39	65	22	0.7
E101	BL07992			19		<50	2		0.72		<2	8.8			5		<100			37		<0.5
E101	BL07991																					
E101	BL09149							8								0.016						
E101	BL09150							19								0.012						
E101	BL09151							45								0.014						
E102	BL28953			<10		460	1				<2		1.7		4		<100			20		<0.5
E102	BL28910			<10		350	2				<2		2.7		11	<0.01	<100			45		<0.5
E102	BL28952			<10		550	<1				<2		1 3		<2		<100			<5		<0.5
E103	BL27974			<10		270	3				<2		3.9		4		<100			32		<0.5
E103	BL28954			19		190	8				<2		6.9		5		<100			80		0.5
E104	BL28839		19	35	479	680	2	29			<2	2.9	7.2	20	15		<100	0.34	35	58	20	<0.5
E104	BL28838		14		325			27				3.5						0.4	38			
E105	BL28955																					
E106	BL27975																					
E107	BL28957																					
E107	BL28956			21		260	<1				<2		>10		<2	<0.01	<100			<5		<0.5
E107	BL26153			<10		141	1				1		>10		2		<100			22		<0.5
E107	BL26154			180		68	<1		0 41		<1		>10		<1		<100			37		<0.5
E107	BL26155			85		140	<1		0.25		3		>10		<2		<100			28		0.5
E107	BL26156			350		52	<1				3		>10		<2		<100			<5		<0.5
E107	BL28958			41		150	<1				3		>10		<2		<100			17		<0 5
E107	BL09177							154								<0.01						
E107	BL09178							2464								<0.01						
E107	BL09179							46								<0.01						
E108	BL28959			22		110	<1		0.08		2		>10		3		<100			36		0.5
E108	BL28960			<10		69	3		<0.01		<2		2.1		3		<100			11		<0.5
E108	BL26157		18	25	139	290	<1	>20000	2.2		<2	6.83	7.8	28	<7	0.017	<100	0.04	22	46	22	0.7
E108	BL26158		12	13	135	130	<1	17573			2	6.92	8.9	35	2	0.012	<100	0.18	14	36	15	<0.5
E110	BL09176							1								0.031						
E111	BL28924			13		410	<1				<2		4.3		<2	<0 01	<100			6		<0.5
E111	BL28926			29		<50	5		0.23		<2		>10		<2	<0.01	<100			<5		<0.5
E111	BL28927			43		<50	7		0 16		<2		>10		<2	<0.01	<100			<5		<0.5
E111	BL28925			<10		<50	<1		0.31		<2		>10		<2	<0.01	<100			<5		<0.5
E112	BL28923			170		<50	8				<2		>10		<2		<100			<5		<0.5
E112	BL09188							182								0.016						
E113	BL28922																					
E113	BL28921		1	<10	159	180	5	296			<2	8.13	8	19	<2		<100	0.67	15	32	37	<0.5
E113	BL28920																					
E113	BL09189																					
E113	BL09190																					
E114	BL28914																					
E114	BL28915			<10		220	<1				<2		>10		2		<100			10		<0.5
E114	BL28919																					
E114	BL28916			40		250	<1		1 67		2		>10		5	0 047	<100			94		<0.5
E114	BL28917																					
E114	BL28918		52	94	46	<50	<1	1523	0.16		<2	>10	>10	18	<2		<100	0.15	<5	<5	3	<0.5
E115	BL09191																					

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E100	BL07989	1.19	4131		1	<2			0.26		26			71	54		55						
E100	BL07990	0.92	10560		3	<2			0.33		19			51	61		1474						
E100	BL28999					<2				4.2				<20					0.02			23	
E100	BL09101											8											133
E100	BL09102											9											83
E100	BL09103				4												551						
E101	BL29000	0.41	585		3	<2			2.07	1.9	10			<20	5		95					100	
E101	BL07992			3894		<2				3.9				<20				3	<0.01			27	
E101	BL07991			30								10						6	0.24				110
E101	BL09149				5												4733						
E101	BL09150				5												529						
E101	BL09151				5												255						
E102	BL28953					<2				1.4				25								43	
E102	BL28910					<2				1.2				<20								63	
E102	BL28952					3				<0.05				<20								<10	
E103	BL27974					<2				2.3				<20								120	
E103	BL28954					<2				0.63				80								290	
E104	BL28839	0.57	1257		3	<2			0.68	1	9			61	43		28					83	
E104	BL28838	0.5	653		5				0.06						38		23						
E105	BL28955											15											158
E106	BL27975																						
E107	BL28957											17											33
E107	BL28956					3				0.07				<20								<10	
E107	BL26153					<2				0.88				<20								<10	
E107	BL26154					4				0.35				46								<10	
E107	BL26155					4				0.31				<20					<0.01			<10	
E107	BL26156					5				0.51				57								<10	
E107	BL28958					<2				<0.05		<5		<20								<10	15
E107	BL09177				7												16						
E107	BL09178				12												<2						
E107	BL09179				9												20						
E108	BL28959					<2				0.05				42					3.58			<10	
E108	BL28960					6				1.9				<20					<0.01			130	
E108	BL26157	0.57	2987		35	<31			0.12		26			<41	15		>10000		4.64				
E108	BL26158	0.42	2700		8	3			0.1		26			69	13		>10000		4.35				
E110	BL09176				2												37						
E111	BL28924					<2				<0.05				<20								<10	
E111	BL28926					<2				<0.05				<20								<10	
E111	BL28927					<2				<0.05				<20								<10	
E111	BL28925					<2				<0.05				<20								<10	
E112	BL28923					<2				0.06				<48								<10	
E112	BL09188				3												3746						
E113	BL28922											19											91
E113	BL28921	0.35	5909		3	<2			0.45	0.41	11			36	23		87					110	
E113	BL28920											15											106
E113	BL09189											11											101
E113	BL09190											11											128
E114	BL28914											15											187
E114	BL28915					<2				0.07				<20								15	
E114	BL28919											17											180
E114	BL28916					<2				0.06				130								<10	
E114	BL28917											14											230
E114	BL28918	0.71	6756		7	<2			0.59	<0.05	16			91	82		31					<10	
E115	BL09191											13											159

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
E100	BL07989			<5	6.9		11	<10	5.3	82	<200		153	<100		1		<25	<20		0.54	
E100	BL07990			<5	0.9		12	<10	6.9	28	<200		51	<100		<1		<25	<20		0.42	
E100	BL28999				0.7		10	<10	2.4		<200				<1	<1			<20	3.7		
E100	BL09101											403										
E100	BL09102											388										
E100	BL09103			<5													<0.2					<0.2
E101	BL29000			8	2		11	<10	6.8	<20	<200		281	<100	<1	1		<25	<20	19	0.28	
E101	BL07992				6.4		15	<10	6.3		<200				<1	1	<20			14		
E101	BL07991											412										
E101	BL09149			<5													0.4					<0.1
E101	BL09150			<5													<0.2					0.2
E101	BL09151			<5													<0.2					0.1
E102	BL28953				0.6		4.2	<10	2.9		<200				<1	<1			<20	7.3		
E102	BL28910				3.3		7.5	<10	6.7		<200				1	<1			<20	25		0.4
E102	BL28952				0.8		<0.5	<10	0.4		<200				<1	<1			<20	<0.5		
E103	BL27974				2.1		11	<10	5.1		<200				1	<1			<20	14		
E103	BL28954				0.7		23	<10	11		<200				2	1			<20	25		
E104	BL28839			<5	2.4		17	<10	7.8	<20	<200		73	<100	2	1		<25	<20	13	0.89	
E104	BL28838			<5						<20			65				<10					
E105	BL28955											413										
E106	BL27975																					
E107	BL28957											499										
E107	BL28956				1.5		2	42	1.8		<200				<1	<1			<20	3.8		<0.1
E107	BL26153				3		10	20	6.6		<200				8	<2			<20	8.9		
E107	BL26154				18		4.7	<10	5.6		<200				<2	6			<20	7.2		
E107	BL26155				0.7		5	<10	5.4		<200				<1	1			<20	<1		
E107	BL26156				0.4		4.4	15	2.3		<200				<1	<1			<20	<1		
E107	BL28958				23		2.2	490	2.1		<200	27			<1	<1			<20	2.8		
E107	BL09177			<5													0.3					0.3
E107	BL09178			<5													4.2					0.3
E107	BL09179			<5													<0.2					0.4
E108	BL28959				10		12	56	5.8		<200				1	<1			<20	12		
E108	BL28960				0.4		26	<10	5		<200				<1	<1			<20	10		
E108	BL26157			7	7.9		8.9	<22	4.9	37	<630		666	<100		<1		<25	<66		0.15	<0.1
E108	BL26158			18	8		7.8	34	4.6	32	<200		682	<100		<1		<25	<20		0.15	<0.1
E110	BL09176			<5													<0.2					<0.1
E111	BL28924				0.8		2	<10	1.2		<200				<1	<1			<20	1.1		<0.1
E111	BL28926				2.3		0.6	<10	0.2		<200				<1	<1			<20	<0.5		<0.1
E111	BL28927				3		<0.5	14	0.3		<200				<1	<1			<20	<0.5		0.2
E111	BL28925				5		<0.5	<10	0.4		<200				<1	<1			<20	<0.5		<0.1
E112	BL28923				0.8		<0.5	<10	0.5		<200				<1	<1			<20	1.2		
E112	BL09188			<5													0.4					0.4
E113	BL28922											1704										
E113	BL28921			16	6		9.1	<10	4.2	164	650		137	<100	<1	<1		<25	<20	7.2	0.23	
E113	BL28920											478										
E113	BL09189											404										
E113	BL09190											433										
E114	BL28914											204										
E114	BL28915				0.7		3.6	<10	1.7		<200				<1	<1			<20	2.8		
E114	BL28919											143										
E114	BL28916				5.7		14	<10	8.7		<200				1	<1			<20	10		<0.1
E114	BL28917											310										
E114	BL28918			28	0.8		1.4	19	1.5	66	<200		23	<100	<1	<1	1.1	<25	<20	1.3	0.01	
E115	BL09191											117										

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E100	BL07989		80		<20	7		9		<5	72	<200			63							
E100	BL07990		80		<20	3		13		<5	1502	1800			76							
E100	BL28999	1.1				<2				<5		400				<500						
E100	BL09101								33								125	62.26	0.59	16.3	1.94	3.22
E100	BL09102								28								116	54.72	0.7	16.49	1.67	4.44
E100	BL09103										1226											
E101	BL29000	3.3	57		23	39		18		5	71	<200			79	1200						
E101	BL07992			19		3				<5		<500	<0.01			1100						
E101	BL07991			21					29				0.1				157	64.29	0.62	16.24	0.73	3.83
E101	BL09149										2060											
E101	BL09150										320											
E101	BL09151										557											
E102	BL28953	1.2				<2				<5		460				<500						
E102	BL28910	2.8				2				<5		<200				720						
E102	BL28952	<0.5				<2				<5		1000				<500						
E103	BL27974	2.7				<2				<5		<200				<500						
E103	BL28954	5.7				<2				<5		5100				540						
E104	BL28839	2.9	86		<20	<2		15		<5	106	<200			36	750						
E104	BL28838		48		<20			10			105											
E105	BL28955								21								126	65.06	0.44	15.64	1.09	2.98
E106	BL27975																					
E107	BL28957								25								119	64.52	0.56	16.75	0.54	2.01
E107	BL28956	1.5				<2				<5		450				<500						
E107	BL26153	6				2				<5		<200				<500						
E107	BL26154	4				18				<5		<200				<500						
E107	BL26155	2				13				<5		<200	<0.01			<500						
E107	BL26156	1				16				<5		<200				<500						
E107	BL28958	1.8				6			<1	<5		>30000				<500	142	47.2	0.12	5.04	5.19	8.17
E107	BL09177										23											
E107	BL09178										61											
E107	BL09179										19											
E108	BL28959	4.1				3				<5		20700	1.81			<500						
E108	BL28960	2.4				5				<5		<200	<0.01			<500						
E108	BL26157		68		207	5030		6		<5	>20000	28200	2.53		29							
E108	BL26158		90		<20	33		<5		<5	8366	10000			33							
E110	BL09176										62											
E111	BL28924	<0.5				<2				<5		1000				<500						
E111	BL28926	3				<2				<5		>30000	4.1			<500						
E111	BL28927	5.9				6				<5		2400	0.2			<500						
E111	BL28925	6.8				<2				<5		>30000				<500						
E112	BL28923	0.6				<2				<5		>30000				<500						
E112	BL09188										8827		1.31									
E113	BL28922								16								132	61.11	0.39	17.07	1.63	2.34
E113	BL28921	3.1	71		<20	9		7		<5	1372	1200			15	<500						
E113	BL28920								32								250	67.28	0.41	16.73	0.25	0.97
E113	BL09189								34								214	60.38	0.85	16.72	1.04	2.96
E113	BL09190								30								164	70.19	0.34	14.27	0.96	1.48
E114	BL28914								21								132	74.34	0.12	12.85	0.38	0.84
E114	BL28915	1.3				3				<5		<200				<500						
E114	BL28919								9								240	74.85	0.16	12.92	0.66	1.88
E114	BL28916	3.7				7				<5		12000				<500						
E114	BL28917								28								78	75.43	0.06	12.84	0.14	0.58
E114	BL28918	1.1	25		<20	4		5		<5	1408	1800			31	<500						
E115	BL09191								42								150	72.37	0.2	14.43	2.63	0.26

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E100	BL07989									
E100	BL07990									
E100	BL28999									
E100	BL09101	5.52	0.12	2.16	3.93	2.93	3.12	0.16	2.64	99.73
E100	BL09102	6.6	0.14	2.63	5.82	2.36	2.36	0.06	8.48	100.36
E100	BL09103									
E101	BL29000									
E101	BL07992									
E101	BL07991	4.99	0.1	1.83	4.48	3	2.56	0.18	1.42	99.71
E101	BL09149									
E101	BL09150									
E101	BL09151									
E102	BL28953									
E102	BL28910									
E102	BL28952									
E103	BL27974									
E103	BL28954									
E104	BL28839									
E104	BL28838									
E105	BL28955	4.4	0.09	1.48	3.54	2.96	2.98	0.16	3.24	99.99
E106	BL27975									
E107	BL28957	2.77	0.05	2.04	6.76	3.28	1.08	0.19	2.59	100.6
E107	BL28956									
E107	BL26153									
E107	BL26154									
E107	BL26155									
E107	BL26156									
E107	BL28958	14.27	0.14	0.8	2.75	0.44	0.16	<0.03	8.81	79.73
E107	BL09177									
E107	BL09178									
E107	BL09179									
E108	BL28959									
E108	BL28960									
E108	BL26157									
E108	BL26158									
E110	BL09176									
E111	BL28924									
E111	BL28926									
E111	BL28927									
E111	BL28925									
E112	BL28923									
E112	BL09188									
E113	BL28922	4.23	0.16	1.33	4.53	5.22	4.56	0.31	0.93	99.85
E113	BL28921									
E113	BL28920	1.33	0.06	0.76	4.05	4.81	3.7	0.2	1.05	100.39
E113	BL09189	4.33	0.06	2.2	5.74	3.88	3.07	0.24	1	98.47
E113	BL09190	2.6	0.05	0.54	3	2.63	3.34	0.11	3.66	100.73
E114	BL28914	1.31	0.03	0.33	1.2	2.23	5.19	0.09	1.93	99.62
E114	BL28915									
E114	BL28919	2.75	0.05	0.08	1.36	2.35	5.24	0.07	1.03	100.87
E114	BL28916									
E114	BL28917	0.78	0.03	0.11	1.72	1.78	5.47	0.03	1.61	99.86
E114	BL28918									
E115	BL09191	2.92	0.08	0.11	0.47	2.6	4.16	0.11	2.34	99.79

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E116	BL09192	VABM Happy	64	31.225	142	14.893	R
E116	BL09193	VABM Happy	64	31.225	142	14.893	R
E117	BL09194	VABM Happy	64	30.979	142	15.952	R
E117	BL09195	VABM Happy	64	31.144	142	15.944	R
E118	BL09343		64	30.026	142	25.681	R
E118	BL09344		64	28.330	142	24.000	R
E118	BL09345		64	28.330	142	24.000	R
E118	BL09346		64	28.330	142	24.000	R
E118	BL09347		64	28.330	142	24.000	R
E118	BL09348		64	28.330	142	24.000	R
E118	BL09353		64	28.330	142	24.000	R
E118	BL09354		64	28.330	142	24.000	R
E118	BL09393	Fortymile Clinopyroxenite	64	28.330	142	24.000	R
E119	BL09307		64	30.000	142	36.000	R
E120	BL07993		64	31.591	142	44.152	R
E121	BL28858		64	31.083	142	43.911	PC
E121	BL28859	Portage Creek	64	31.083	142	43.911	R
E121	BL28994		64	31.012	142	43.962	PC
E122	BL28992		64	30.811	142	43.898	PC
E122	BL28993		64	30.811	142	43.898	SS
E123	BL06733		64	29.051	143	18.226	R
E123	BL06734		64	28.869	143	18.336	R
E124	BL06732		64	31.500	143	31.300	R
E125	BL06731		64	29.287	143	41.238	R
E126	BL06384		64	25.070	143	54.330	R
E127	BL06385		64	23.933	143	53.731	R
E127	BL06786		64	23.933	143	53.731	R
E128	BL06386		64	21.400	143	53.856	R
E129	BL06393		64	23.320	143	51.220	R
E130	BL06381		64	22.610	143	39.730	R
E130	BL06387		64	22.610	143	39.730	R
E131	BL06787		64	24.158	143	30.047	R
E132	BL06788		64	24.354	143	29.313	R
E133	BL06589		64	21.260	143	28.230	PC
E134	BL07939	Duval Creek	64	19.817	143	25.591	R
E134	BL07940	Duval Creek	64	19.817	143	25.591	R
E136	BL07937		64	19.497	143	23.129	PC
E137	BL06388		64	22.130	143	18.060	R
E138	BL06590		64	21.902	143	08.931	R
E138	BL06591		64	21.902	143	08.931	R
E138	BL06592		64	21.902	143	08.931	R
E138	BL06348	Middle Fork	64	21.874	143	08.606	R
E138	BL06349	Middle Fork	64	21.836	143	09.013	R
E138	BL06350	Middle Fork	64	21.836	143	09.013	R
E138	BL06351	Middle Fork	64	21.836	143	09.013	R
E138	BL06352	Middle Fork	64	21.836	143	09.013	R
E139	BL28977		64	21.152	143	03.670	PC
E139	BL28978		64	21.152	143	03.670	SS
E140	BL28938		64	19.824	142	58.829	PC
E140	BL07938		64	19.260	143	24.085	PC
E141	BL28937		64	20.399	142	58.758	R
E142	BL28935		64	20.918	142	58.793	PC
E142	BL28936		64	20.748	142	58.994	PC
E143	BL28976		64	21.766	143	01.758	PC

Map number	Sample number	Description
E116	BL09192	Fine-grained sugary-textured muscovite-garnet-bearing granite; trace biotite and tourmaline
E116	BL09193	0.6cm quartz-tourmaline-muscovite vein: Ar-Ar age of 215 Ma
E117	BL09194	Coarse-grained plagioclase porphyry granite with muscovite greisen alteration
E117	BL09195	Coarse-grained biotite granite; feldspar phenocrysts as large as 2.5cm; biotite forms late interstitial grains; trace garnet
E118	BL09343	Hornblende quartz diorite/syenite: similar to Butte Creek rocks; exceptionally fresh rock
E118	BL09344	Tertiary rhyolite with beta quartz
E118	BL09345	Tertiary feldspar porphyry with intermediate composition groundmass.
E118	BL09346	Pyrite-rich quartz biotite schist
E118	BL09347	Altered cataclastized Happy Mtn. granite with garnet, chlorite after biotite; trace epidote; from major fault in river bluff
E118	BL09348	Unaltered Happy Mountain granite float
E118	BL09353	Pyritic blue-gray quartz vein/fracture filling
E118	BL09354	Fault gouge from faulted contact w/ rhyolite intrusive; sugary granulated rhyolite and sticky yellow-green clay
E118	BL09393	Quartz-K-spar pegmatite
E119	BL09307	Hornblende granodiorite
E120	BL07993	Quartz vein breccia in matrix-supported groundmass of tan-colored siliceous material.
E121	BL28858	Panned concentrate of stream sediment near bedrock outcrop of coarse-grained, biotite- bearing granite.
E121	BL28859	Coarse-grained, biotite granodiorite.
E121	BL28994	Panned concentrate.
E122	BL28992	Panned concentrate.
E122	BL28993	Stream sediment.
E123	BL06733	Porphyritic rhyolite tuff; purple aphanitic groundmass with smokey beta-quartz, sanidine (as large as 1cm), and green plagioclase phenocrysts; no mafic minerals
E123	BL06734	Tor-forming, coarse-grained, hornblende, biotite granite
E124	BL06732	Tor-forming, coarse-grained biotite granite
E125	BL06731	Coarse-grained biotite, hornblende granite to granodiorite; chloritized hornblende
E126	BL06384	Coarse-grained,seriate-textured, hornblende, biotite, granite
E127	BL06385	Grey quartz-veined granodiorite; trace pyrrhotite or pyrite
E127	BL06786	Fine to medium-grained biotite granodiorite with cryptic, poikiolitic K-spar phenocrysts
E128	BL06386	Coarse-grained, seriate-textured granite; euhedral K-spar phenocrysts as large as 3 cm
E129	BL06393	Fine to medium-grained, equigranular biotite, hornblende granodiorite
E130	BL06381	Biotite, hornblende porphyritic dacite near contact of granite and granodiorite
E130	BL06387	Medium-grained biotite, hornblende granodiorite
E131	BL06787	Biotite, hornblende, quartz monzodiorite; seriate medium to coarse-grained, non-lineated; at contact of Paleozoic metamorphics biotite>>hornblende
E132	BL06788	Tor-forming, medium to coarse grained, seriate biotite granite; no alignment of mineral grains
E133	BL06589	Panned concentrate.
E134	BL07939	Medium-grained biotite granodiorite.
E134	BL07940	Quartz vein in biotite granodiorite with 2-3% galena.
E136	BL07937	Panned concentrate.
E137	BL06388	Biotite granite; slightly weathered with FeO around biotite grains
E138	BL06590	1.3m-wide gossany shear zone.
E138	BL06591	Random chip of sericite-altered quartz-mica schist which is cut by quartz veins.
E138	BL06592	Random chip of quartz veins from 30m-wide gossany shear zone.
E138	BL06348	Random chip of quartz vein and schist breccia over 3 by 3 m area; multiple brecciation and vein events; trace marcasite
E138	BL06349	Semi-massive marcasite (60%) in quartz vein breccia; stream cobble from nearby vein system
E138	BL06350	Select of marcasite-rich quartz vein section (2.5 cm) in banded, altered gouge and silicified zone
E138	BL06351	Continuous chip across 2 m section of highly brecciated quartz vein/ silicified and white-mica altered schist breccia zone
E138	BL06352	Select sample of quartz and white mica- altered schist; trace marcasite in vugs; breccia-vein zone at least 15 m wide
E139	BL28977	Panned concentrate. Concentrates contain moderate black sands, mostly magnetite.
E139	BL28978	Stream sediment.
E140	BL28938	Panned concentrate.
E140	BL07938	Panned concentrate.
E141	BL28937	Porphyritic plagioclase diorite which contains minor pyrrhotite.
E142	BL28935	Panned concentrate.
E142	BL28936	Panned concentrate.
E143	BL28976	Panned concentrate. Concentrates contain moderate black sands, mostly magnetite.

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E116	BL09192														56							
E116	BL09193																					
E117	BL09194														683							
E117	BL09195														1112							
E118	BL09343	<0.5				6.58			<1	<.001			1222		1311	<5			4.38	<2		
E118	BL09344														276							
E118	BL09345														2338							
E118	BL09346																					
E118	BL09347	<0.5				6.75				<.001			1213			<5			0.28	2.7		
E118	BL09348														297							
E118	BL09353	0.7					<5					<5				<5						
E118	BL09354	<0.2					<5					<5				<5						
E118	BL09393														680							
E119	BL09307														1284							
E120	BL07993																					
E121	BL28858	<0.5	<5			2.16	<5	17	10				1428	1900		6		<1	0.66	<2	<10	540
E121	BL28859														2483							
E121	BL28994	<0.5	<5			5.14	50	37	<5				1517	1700		12		<1	2.17	<2	<10	140
E122	BL28992	<0.5	<5			6.26	67	27	17				1855	2000		16		<1	1.06	<2	<10	44
E122	BL28993	<0.2				0.06	46						584			<5			16	<1		
E123	BL06733														215							
E123	BL06734														1325							
E124	BL06732																					
E125	BL06731														1197							
E126	BL06384																					
E127	BL06385	0.3					<5					<5				<5						
E127	BL06786																					
E128	BL06386														1145							
E129	BL06393														961							
E130	BL06381														967							
E130	BL06387														1002							
E131	BL06787														1052							
E132	BL06788														849							
E133	BL06589	<0.5	<5			2.05	33	17	6				721	760		<5		<1	1.16	<2	<10	57
E134	BL07939														1014							
E134	BL07940		13					17	270					<100		>2000		8			<10	<10
E136	BL07937	<0.5	<5			2.25	8	8	6				705	890		<5		1	0.76	<2	<10	110
E137	BL06388														1581							
E138	BL06590	5.4	5			>10	222	161	35				751	1200		<5		3	0.74	<2	<10	99
E138	BL06591	0.9	<5			>10	52	24	8				756	840		<5		2	0.02	<2	<10	73
E138	BL06592	1.1	<5			>10	18	13	8				196	230		<5		<1	0.02	<2	<10	14
E138	BL06348	<0.2					10					<5				<5						
E138	BL06349	0.3					9					11				20						
E138	BL06350	<0.2					300					<5				<5						
E138	BL06351	0.4					63					<5				<5						
E138	BL06352	0.4					466					6				<5						
E139	BL28977	<0.5	<5			5.01	57	24	310				1556	1600		14	<1	<1	0.77	<2	<10	110
E139	BL28978	<0.2				0.09	<5						184			<5			8	<1		
E140	BL28938	<0.5	<5			5.38	26	20	<5				941	870		20		<1	5.71	<2	<10	82
E140	BL07938	1	<5			2.15	60	8	<5				592	720		6		1	0.93	<2	<10	110
E141	BL28937														351							
E142	BL28935	<0.5	<5			9.32	177	142	<5				1658	1300		22		2	3.29	<2	<10	76
E142	BL28936	<0.5	<5			1.46	39	44	<5				887	1200		11		<1	2.75	<2	<10	96
E143	BL28976	<0.5	<5			5.21	37	52	<5				1363	1600		15		1	0.77	<2	<10	180

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E116	BL09192																					
E116	BL09193																					
E117	BL09194																					
E117	BL09195																					
E118	BL09343		22		138			70				5.2		16				1.36	25		15	
E118	BL09344																					
E118	BL09345																					
E118	BL09346																					
E118	BL09347		9		170			56				3.49		24				1.14	7		38	
E118	BL09348																					
E118	BL09353							11								0.141						
E118	BL09354							10								0.019						
E118	BL09393																					
E119	BL09307																					
E120	BL07993																					
E121	BL28858		6	12	38	63	3	7			4	5.21	6.7	22	23		<100	0.91	130	290	36	1.3
E121	BL28859																					
E121	BL28994		7	11	289	310	2	11			2	3.57	4	13	7		<100	0.53	61	88	31	0.7
E122	BL28992		<1	<10	399	400	3	7			<2	1.58	1.8	15	3		<100	0.53	17	25	22	<0.5
E122	BL28993		14		24			16				6.56		1.02					0.43		32	
E123	BL06733																					
E123	BL06734																					
E124	BL06732																					
E125	BL06731																					
E126	BL06384																					
E127	BL06385		22													<0.01						
E127	BL06786																					
E128	BL06386																					
E129	BL06393																					
E130	BL06381																					
E130	BL06387																					
E131	BL06787																					
E132	BL06788																					
E133	BL06589		2	15	356	420	2	12			<2	2.27	3.2	14	5		<100	0.49	26	32	18	<0.5
E134	BL07939																					
E134	BL07940			<10		380	<1				<2		1.1		<2	0.1	<100			<5		<0.5
E136	BL07937		<1	<10	317	450	3	11			<2	1.56	2.1	11	4		<100	0.72	32	52	27	<0.5
E137	BL06388																					
E138	BL06590		<1	15	229	340	12	78			<2	>10	4.4	<10	6		<100	1.17	32	52	74	<0.5
E138	BL06591		<1	<10	237	350	4	21			<2	>10	0.9	<10	6		<100	1.77	17	35	51	<0.5
E138	BL06592		<1	<10	230	400	2	17			<2	>10	0.9	<10	<2		<100	0.63	<5	9	44	<0.5
E138	BL06348		3													0.503						
E138	BL06349		19													1.455						
E138	BL06350		8													0.524						
E138	BL06351		6													0.632						
E138	BL06352		3													0.802						
E139	BL28977		8	<10	211	210	4	9			<2	2.53	2.9	15	7		<100	0.86	39	79	33	<0.5
E139	BL28978		8		21			13				2.35		1.49					0.43		18	
E140	BL28938		16	27	169	200	<1	12			3	5.87	7.1	21	6		<100	0.65	30	53	9	<0.5
E140	BL07938		6	13	316	390	3	21			<2	2.01	2.6	14	4		<100	0.83	52	63	24	<0.5
E141	BL28937	0.03																				
E142	BL28935		11	20	263	340	1	18			<2	5.64	6	18	8		<100	1.52	27	41	15	0.6
E142	BL28936		12	20	211	250	2	24			2	8.24	9.5	16	9		<100	0.43	15	62	16	0.7
E143	BL28976		3	12	243	260	4	12			<2	6.23	6.9	15	11		<100	0.57	90	120	32	<0.5

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E116	BL09192							5				15											511
E116	BL09193							8															
E117	BL09194							6				21											354
E117	BL09195											19											266
E118	BL09343	2.49			4				1.69		9	7			27		24			<1	<5		112
E118	BL09344											59											517
E118	BL09345											8											93
E118	BL09346																						
E118	BL09347	0.83			12				0.93		10				12		24						
E118	BL09348											17											208
E118	BL09353				16												85						
E118	BL09354				4												64						
E118	BL09393											5											214
E119	BL09307											10											108
E120	BL07993																						
E121	BL28858	0.29	1185		2	<2			2.61	2.8	19			<20	9		41					170	
E121	BL28859											13											127
E121	BL28994	0.72	877		<1	<2			0.91	0.75	15			<20	22		26					77	
E122	BL28992	0.15	553		3	<2			2.49	2.3	8			<20	13		23					100	
E122	BL28993	75	5549		<1										20		20						
E123	BL06733											76											453
E123	BL06734											9											120
E124	BL06732																						
E125	BL06731											14											168
E126	BL06384																						
E127	BL06385				5												9						
E127	BL06786																						
E128	BL06386											14											164
E129	BL06393											14											133
E130	BL06381											11											83
E130	BL06387											13											122
E131	BL06787											11											103
E132	BL06788											12											176
E133	BL06589	0.52	1380		<1	<2			1.33	1.5	15			<20	16		30					84	
E134	BL07939											18											152
E134	BL07940					37				<0.05				<20					0.02			<10	
E136	BL07937	0.29	393		<1	3			2.06	1.8	8			23	16		40					120	
E137	BL06388											12											160
E138	BL06590	0.54	255		3	<2			0.16	0.21	68			<20	17		<2					180	
E138	BL06591	0.16	34		5	2			0.07	0.07	15			<20	6		17					84	
E138	BL06592	0.09	26		10	3			0.04	<0.05	11			<20	4		<2					38	
E138	BL06348				7												22						
E138	BL06349				11												13						
E138	BL06350				4												16						
E138	BL06351				10												10						
E138	BL06352				5												18						
E139	BL28977	0.36	347		<1	<2			1.54	1.3	16			22	19		29					120	
E139	BL28978	91	426		<1										15		12						
E140	BL28938	2	1353		<1	<2			2.52	2.3	59			59	41		29					28	
E140	BL07938	0.75	532		<1	<2			1.66	1.7	12			33	27		325					110	
E141	BL28937											<5											<1
E142	BL28935	1.49	1317		3	<2			2.67	2.2	28			<20	22		27					59	
E142	BL28936	0.92	1717		<1	<2			1.83	1.8	27			<20	24		22					80	
E143	BL28976	0.5	737		4	3			1.29	1.2	24			<20	20		41					130	

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Tl pct ICP	Tl ppm AAS
E116	BL09192										<5	32										
E116	BL09193										<5											
E117	BL09194										<5	107										
E117	BL09195											186										
E118	BL09343			<5						<20		857	841	<100				<25			0.3	
E118	BL09344											41										
E118	BL09345											1680										
E118	BL09346																					
E118	BL09347			<5						<20			78	<100				<25			0.33	
E118	BL09348											57										
E118	BL09353			<5													<0.2					1.7
E118	BL09354			<5													<0.2					0.3
E118	BL09393											400										
E119	BL09307											260										
E120	BL07993																					
E121	BL28858			19	1		22	<10	33.9	32	<200		161	<100	2	3		<25	<20	100	0.26	
E121	BL28859											296										
E121	BL28994			<5	1.5		12	<10	11	32	<200		134	<100	1	1		<25	<20	26	0.53	
E122	BL28992			20	0.5		4.6	<10	3.4	22	<200		228	<100	<1	<1		<25	<20	8.1	0.1	
E122	BL28993			<5						<20				1.24			<10				0.01	
E123	BL06733											19										
E123	BL06734											250										
E124	BL06732																					
E125	BL06731											142										
E126	BL06384																					
E127	BL06385			<5																		
E127	BL06786																					
E128	BL06386											324										
E129	BL06393											295										
E130	BL06381											290										
E130	BL06387											297										
E131	BL06787											297										
E132	BL06788											134										
E133	BL06589			<5	1.2		8.6	<10	4.5	<20	<200		174	<100	2	<1		<25	<20	11	0.38	
E134	BL07939											339										
E134	BL07940				96.6		<0.5	15	0.2		<200				<1	<1			<20	<0.5		0.2
E136	BL07937			9	2.4		4.4	<10	5.2	<20	<200		167	<100	<1	<1		<25	<20	16	0.13	
E137	BL06388											185										
E138	BL06590			<5	18		14	<10	7.1	43	<200		73	<100	1	<1		77	<20	18	0.34	
E138	BL06591			<5	21.2		5.2	<10	4.2	<20	<200		40	<100	1	<1		<25	<20	9.4	0.26	
E138	BL06592			<5	9		1.9	<10	1.1	<20	<200		7	<100	<1	<1		<25	<20	2.3	0.06	
E138	BL06348			10																		
E138	BL06349			11																		
E138	BL06350			31																		
E138	BL06351			18																		
E138	BL06352			31																		
E139	BL28977			17	2.6		5.4	<10	5	<20	<200		280	<100	1	<1	<0.2	<25	<20	21	0.23	
E139	BL28978			<5						<20				0.61			<10				0.03	
E140	BL28938			<5	0.6		26	<10	8.3	36	<200		648	<100	5	1		<25	<20	5.8	1.07	
E140	BL07938			14	4.9		7.2	<10	5.4	<20	<200		165	<100	1	<1		<25	<20	17	0.29	
E141	BL28937											10										
E142	BL28935			<5	0.9		21	<10	6.1	41	<200		654	<100	2	<1		<25	<20	10	0.57	
E142	BL28936			<5	2		22	<10	6.9	22	<200		366	<100	3	1		<25	<20	15	0.56	
E143	BL28976			<5	4.2		6.8	<10	7.1	<20	<200		245	<100	2	<1		<25	<20	28	0.35	

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E116	BL09192					<2			93								66	75.15	0.15	13.74	0.48	0.39
E116	BL09193					13																
E117	BL09194					10			80								142	74.27	0.28	13.5	1.57	0.58
E117	BL09195								58								178	71.22	0.21	13.98	1.57	1.48
E118	BL09343		152		<20			16	25		85						74	57.8	0.53	13.76	2.8	4.44
E118	BL09344								133								193	75.37	0.04	11.49	0.64	0.39
E118	BL09345								24								81	63.48	0.36	16.87	3.03	1.48
E118	BL09346																					
E118	BL09347		138		<20			8			33											
E118	BL09348								30								155	75.14	0.07	12.79	0.98	0.64
E118	BL09353										283											
E118	BL09354										221											
E118	BL09393								26								27	79.35	0.05	11.26	0.09	0.23
E119	BL09307								39								132	68.91	0.43	15.77	1.27	2.25
E120	BL07993																					
E121	BL28858	10	67		<20	<2		22		6	211	230			43	1000						
E121	BL28859								24								143	72.06	0.22	14.63	0.39	1.88
E121	BL28994	3.3	98		<20	<2		20		6	62	<200			44	<500						
E122	BL28992	1.7	23		<20	<2		9		<5	34	<200			35	<500						
E122	BL28993		40		<20						83											
E123	BL06733								104								277	74.87	0.13	10.81	1.39	0.68
E123	BL06734								35								135	68.14	0.37	14.63	0.74	2.25
E124	BL06732																					
E125	BL06731								37								97	72.13	0.16	13.3	0.51	1.35
E126	BL06384																					
E127	BL06385										62											
E127	BL06786																					
E128	BL06386								29								128	69.01	0.39	14.48	0.54	2.19
E129	BL06393								33								136	67.19	0.46	15	1.52	1.93
E130	BL06381								30								150	62.37	0.71	16.1	1.51	3.73
E130	BL06387								34								148	67.27	0.48	15.19	1.58	2.06
E131	BL06787								28								127	61.88	0.68	15.68	1.37	3.8
E132	BL06788								51								95	71.39	0.19	13.68	0.53	1.48
E133	BL06589	1.8	53		<20	3		12		<5	46	<200			8	<500						
E134	BL07939								32								148	65.9	0.53	15.15	1.38	2.66
E134	BL07940	<0.5				48				<5		<200				<500						
E136	BL07937	2.5	34		<20	31		7		<5	63	<200			15	<500						
E137	BL06388								40								112	71.72	0.16	13.89	0.58	1.32
E138	BL06590	3.7	66		<20	9		9		<5	<2	<200			40	<500						
E138	BL06591	2.1	76		<20	7		<5		<5	<2	<200			34	<500						
E138	BL06592	<0.5	35		<20	<2		<5		<5	<2	<200			12	<500						
E138	BL06348										6											
E138	BL06349										37											
E138	BL06350										147											
E138	BL06351										7											
E138	BL06352										6											
E139	BL28977	4.9	58		<20	2		8		<5	61	<200			68	<500						
E139	BL28978		40		<20						55											
E140	BL28938	2.3	184		<20	<2		18		<5	74	<200			<5	670						
E140	BL07938	2.7	54		<20	52		9		<5	356	350			13	<500						
E141	BL28937								<1								47	73.65	0.2	6	5.54	4.22
E142	BL28935	3.3	156		<20	<2		25		6	66	<200			61	510						
E142	BL28936	4.3	206		<20	3		10		5	73	<200			<5	<500						
E143	BL28976	6.7	130		<20	4		13		<5	109	<200			69	<500						

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E116	BL09192	0.91	0.05	0.05	0.36	3.33	5.11	<0.03	0.74	99.59
E116	BL09193									
E117	BL09194	2.21	0.07	0.32	0.8	2.69	4.61	<0.03	1.64	100.39
E117	BL09195	3.21	0.06	0.62	2.02	2.65	4.88	0.03	1.01	99.89
E118	BL09343	7.74	0.15	4.31	6.57	2.5	4.28	0.48	0.84	98.96
E118	BL09344	1.08	0.01	0.09	0.42	1.67	5.53	<0.03	1.72	97.42
E118	BL09345	4.68	0.1	1.88	2.31	4.46	4.29	0.33	1.37	100.13
E118	BL09346									
E118	BL09347									
E118	BL09348	1.69	0.01	<0.01	0.7	2.43	5.61	0.03	0.65	99.12
E118	BL09353									
E118	BL09354									
E118	BL09393	0.35	0.01	0.03	0.39	1.96	6.57	0.05	0.39	100.41
E119	BL09307	3.77	0.09	1.28	3.83	2.94	2.91	<0.03	0.57	100.5
E120	BL07993									
E121	BL28858									
E121	BL28859	2.48	0.05	0.6	2.59	3.33	3.47	0.1	0.95	100.48
E121	BL28994									
E122	BL28992									
E122	BL28993									
E123	BL06733	2.14	0.05	0.28	0.24	1.73	5.19	0.04	2.72	98.13
E123	BL06734	3.25	0.07	1.14	3.11	2.96	3.34	0.1	1.43	98.28
E124	BL06732									
E125	BL06731	2.01	0.06	0.48	1.53	3.14	4.25	<0.03	1.39	98.3
E126	BL06384									
E127	BL06385									
E127	BL06786									
E128	BL06386	2.98	0.06	1.14	2.87	3.09	3.85	0.13	1	98.75
E129	BL06393	3.67	0.09	1.27	3.32	3.09	3.55	0.12	0.74	98.28
E130	BL06381	5.66	0.11	2.26	5.13	2.87	2.38	0.23	1.6	99
E130	BL06387	3.87	0.1	1.34	3.14	3.18	3.36	0.15	1.43	99.28
E131	BL06787	5.59	0.11	2.51	4.81	2.64	2.79	0.13	1.39	97.79
E132	BL06788	2.18	0.07	0.63	1.78	3.29	4.03	0.09	1.18	98.34
E133	BL06589									
E134	BL07939	4.34	0.1	1.43	3.34	3.49	3.34	0.24	3.23	101.08
E134	BL07940									
E136	BL07937									
E137	BL06388	2.04	0.06	0.5	1.78	3.3	4.18	0.04	0.64	98.17
E138	BL06590									
E138	BL06591									
E138	BL06592									
E138	BL06348									
E138	BL06349									
E138	BL06350									
E138	BL06351									
E138	BL06352									
E139	BL28977									
E139	BL28978									
E140	BL28938									
E140	BL07938									
E141	BL28937	10.23	0.27	0.46	0.32	0.11	<0.05	<0.03	8.17	99.42
E142	BL28935									
E142	BL28936									
E143	BL28976									

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E143	BL28975		64	21.686	143	01.845	PC
E144	BL08110	Joseph	64	23.456	143	02.336	R
E145	BL08111	Joseph	64	23.670	143	02.101	R
E145	BL08112	Joseph	64	23.591	143	02.223	R
E146	BL06332	Joseph	64	23.592	143	03.901	R
E146	BL08123	Joseph	64	23.592	143	03.901	R
E147	BL06335	Joseph	64	23.994	143	04.337	R
E148	BL06333	Joseph	64	24.126	143	04.016	R
E148	BL06334	Joseph	64	24.211	143	03.858	R
E149	BL08108	Joseph	64	24.362	143	07.259	R
E149	BL08109	Joseph	64	24.362	143	07.259	R
E150	BL08116	Joseph	64	25.609	143	09.454	R
E151	BL08113	Joseph	64	25.932	143	10.075	R
E151	BL08114	Joseph	64	25.917	143	10.033	R
E151	BL08124	Joseph	64	25.932	143	10.075	R
E151	BL08125	Joseph	64	25.917	143	10.033	R
E152	BL08115	Joseph	64	25.850	143	09.304	R
E153	BL08117	Joseph	64	25.391	143	06.589	R
E154	BL08118	Joseph	64	25.214	143	06.928	R
E155	BL08120	Joseph	64	24.782	143	06.523	R
E156	BL08119	Joseph	64	25.075	143	06.130	R
E157	BL06331	Joseph	64	24.682	143	02.133	R
E158	BL06328	Joseph	64	25.383	143	02.656	R
E158	BL06329	Joseph	64	25.349	143	02.976	R
E159	BL06330	Joseph	64	25.217	143	02.286	R
E159	BL08122	Joseph	64	25.290	143	01.973	R
E160	BL08121	Joseph	64	25.672	143	01.169	R
E161	BL09308		64	25.037	142	41.980	R
E162	BL09196		64	25.955	142	19.754	R
E162	BL09197		64	25.939	142	19.335	R
E162	BL09198		64	25.939	142	19.335	R
E163	BL09406		64	26.853	142	29.000	R
E164	BL09385	Alder Creek	64	26.167	141	45.400	SS
E164	BL09386	Alder Creek	64	26.167	141	45.400	SS
E164	BL09387	Alder Creek	64	26.167	141	45.300	R
E165	BL28908		64	26.100	141	45.150	PC
E165	BL28909	Alder Creek	64	26.100	141	45.150	R
E165	BL28907		64	26.100	141	45.150	SS
E165	BL28903		64	26.036	141	44.630	PC
E165	BL28904		64	26.036	141	44.630	SS
E165	BL28905		64	25.984	141	45.020	PC
E165	BL28906		64	25.984	141	45.020	SS
E165	BL09328	Alder Creek	64	26.000	141	45.000	SS
E165	BL09329	Alder Creek	64	26.040	141	44.870	R
E166	BL09327	Alder Creek	64	26.150	141	44.500	SS
E167	BL28901	Alder Creek	64	26.618	141	44.884	R
E167	BL28902		64	26.600	141	44.800	SS
E167	BL09384	Alder Creek	64	26.617	141	44.800	SS
E168	BL27973		64	27.080	141	45.150	R
E168	BL28895	Alder Creek	64	26.925	141	45.188	R
E168	BL28896	Alder Creek	64	26.925	141	45.188	R
E169	BL28897	Alder Creek	64	26.824	141	44.527	SO
E169	BL28898	Alder Creek	64	26.786	141	44.540	R
E169	BL28899	Alder Creek	64	26.786	141	44.540	SO

Map number	Sample number	Description
E143	BL28975	Panned concentrate. Concentrates contain moderate black sands, mostly magnetite.
E144	BL08110	Massive to weakly foliated biotite, hornblende syenite (diorite?); accessory pyrite
E145	BL08111	Hornblende syenite with 10% quartz, 25% K-spar intruded by pink aplite
E145	BL08112	Mylonitic ?, foliated, meta-quartz monzonite
E146	BL06332	Aplite from north margin of Joseph Creek hornblende clinopyroxenite
E146	BL08123	Hornblende clinopyroxenite; trace magnetite
E147	BL06335	Fine-medium-grained hornblende pyroxenite with interstitial (2%) feldspar
E148	BL06333	FeO-stained pyrrohtite-rich pegmatitic hornblende clinoproxenite; cut by aplite
E148	BL06334	Altered plagioclase clinopyroxenite; epidote and carbonate alteration
E149	BL08108	Pegmatitic biotite, hornblende pyroxenite with anhedral interstitial feldspar; late carbonate alteration; intruded by hornblendite, granite and aplite
E149	BL08109	Pegmatitic hornblendite with 3-5% pyrite; intrudes hornblende pyroxentie
E150	BL08116	Seriate textured, hornblende, biotite granite to quartz monzonite; cryptic poikiolitic K-spar
E151	BL08113	Fine to medium-grained, granular, biotite, hornblende pyroxenite; accesory carbonate and trace pyrite, and strongly magnetitc
E151	BL08114	Medium-grained pyroxene hornblendite with visible, fine-grained magnetite
E151	BL08124	Pegmatitic, hornblende clinopyroxenite
E151	BL08125	Fine-grained, foliated hornblende clinopyroxenite; trace magnetite and pyrrhotite
E152	BL08115	Quartz-rich, medium to coarse-grained granite with chloritized biotite; few K-spar phenocrysts
E153	BL08117	Fine to medium-grained, hornblende, biotite, quartz diorite; epidote altered plagioclase; trace pyrite
E154	BL08118	Porphyritic granodiorite with weakly aligned plagioclase phenocrysts; medium-grained groundmass of K-spar, equant quartz and abundant biotite
E155	BL08120	Greenstone; phaneritic with K-spar
E156	BL08119	Dark green amphibolite with 15-20% epidotized plagioclase; minor quartz and K-spar
E157	BL06331	Rhyolite dike with disseminated pyrite; 5-7 m wide
E158	BL06328	Hornblende, biotite, quartz, feldspar gneiss with trace pyrrhotite, and chalcopyrite
E158	BL06329	Weakly foliated hornblende gneiss cut by mafic, sulfide-rich segregations
E159	BL06330	Altered ? or meta-granite; white mica and chloritized biotite; garnet-bearing aplite cross-cut this rock
E159	BL08122	Foliated and tectonized? leucogranite; trace pink garnet; seriate texture with granular feldspar
E160	BL08121	Quartz, actinolite, chlorite schist with disseminated pyrite
E161	BL09308	Hornblende quartz syenite
E162	BL09196	Quartz-eye porphyry, sanidine porphyry ash-fall tuff
E162	BL09197	White, very fine-grained quartz-eye, sanidine porphyry tuff; carbon inclusions
E162	BL09198	Fine-grained basalt
E163	BL09406	Medium-grained foliated biotite, hornblende quartz syenite; disseminated chlorite and magnetite
E164	BL09385	Soil
E164	BL09386	Soil
E164	BL09387	Soil
E165	BL28908	Panned concentrate.
E165	BL28909	Chlorite schist with 3% disseminated pyrrhotite.
E165	BL28907	Stream sediment.
E165	BL28903	Panned concentrate.
E165	BL28904	Stream sediment.
E165	BL28905	Panned concentrate.
E165	BL28906	Stream sediment.
E165	BL09328	Stream sediment
E165	BL09329	Granitic dike or meta-tuff (?)
E166	BL09327	Stream sediment
E167	BL28901	Brecciated graphitic schist with boxwork gossan in vugs.
E167	BL28902	Stream sediment sample from high gradient stream with high organic content.
E167	BL09384	Soil
E168	BL27973	Fault breccia
E168	BL28895	Milky-white quartz segregation with limonite coated vugs.
E168	BL28896	Brecciated muscovite-biotite schist cemented with limonite.
E169	BL28897	Soil sample.
E169	BL28898	Select of pyritic quartz veins from muscovite schist .
E169	BL28899	Soil sample from strongly orange-colored soil at spring.

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E143	BL28975	<0.5	<5			4.9	38	22	6				1299	1400		7		<1	1.04	<2	<10	120
E144	BL08110										1				832							
E145	BL08111																					
E145	BL08112														1574							
E146	BL06332																					
E146	BL08123										<1											
E147	BL06335														55							
E148	BL06333										2											
E148	BL06334										<1											
E149	BL08108										2				195							
E149	BL08109								53						239							
E150	BL08116																					
E151	BL08113										2				48							
E151	BL08114										2				98							
E151	BL08124										5											
E151	BL08125										3											
E152	BL08115																					
E153	BL08117														1167							
E154	BL08118																					
E155	BL08120																					
E156	BL08119	<0.2					<5				1	<5				<5						
E157	BL06331														486							
E158	BL06328	0.2					<5					<5				<5						
E158	BL06329	<0.2					<5					<5				<5						
E159	BL06330																					
E159	BL08122																					
E160	BL08121	<0.2					<5					71				<5						
E161	BL09308														1453							
E162	BL09196														1689							
E162	BL09197														75							
E162	BL09198														418							
E163	BL09406														1285							
E164	BL09385	<0.5				5.66	<5						2000			<5			0.93	<2		
E164	BL09386	<0.5				5.13	<5						1542			<5			1.14	<2		
E164	BL09387	<0.5				2.48				<.001			105			<5			0.48	<2		
E165	BL28908	<0.5	<5			4.69	144	174	<5				1980	2200		8		1	0.97	<2	<10	35
E165	BL28909	1.3				7.55	50						667			11			6.09	<2		
E165	BL28907	<0.2				0.12	7						372			<5			15	<1		
E165	BL28903	<0.5	<5			4.3	9	5	<5				1647	2000		18		<1	0.75	<2	<10	30
E165	BL28904	<0.2				0.13	6						237			<5			9	<1		
E165	BL28905	<0.5	<5			4.55	31	5	<5				>2000	5600		29		1	1.59	<2	<10	32
E165	BL28906	<0.2				0.11	<5						372			<5			13	<1		
E165	BL09328	<0.5				5.11	23						1695			7			0.93	<2		
E165	BL09329	<0.5				8.14				<.001			914			<5			0.92	<2		
E166	BL09327	<0.5				6.38	23						2000			<5			0.74	<2		
E167	BL28901	0.8				2.03	78						700			<5			0.33	<2		
E167	BL28902	<0.2				0.06	6						449			<5			>10	<1		
E167	BL09384	<0.5				5.74	<5						2000			<5			1.14	<2		
E168	BL27973		<5					17	6					760				<1			<10	51
E168	BL28895		<5					106	<5					<100				1			<10	<10
E168	BL28896		<5					57	<5					400				1			<10	38
E169	BL28897	<0.5				2.62	42						858			6			0.95	<2		
E169	BL28898	0.8	<5			7.55	114	15	8				827	5800		15		<1	>10	<2	<10	<10
E169	BL28899	0.7				7.19	<5						>2000			8			1.7	<2		

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E143	BL28975		4	10	154	160	4	9			<2	3.7	4.3	13	14		<100	0.6	59	85	30	<0.5
E144	BL08110																					
E145	BL08111																					
E145	BL08112																					
E146	BL06332																					
E146	BL08123																					
E147	BL06335																					
E148	BL06333																					
E148	BL06334																<1					
E149	BL08108																					
E149	BL08109																<1					
E150	BL08116																					
E151	BL08113																					
E151	BL08114																					
E151	BL08124																					
E151	BL08125																					
E152	BL08115																					
E153	BL08117																					
E154	BL08118																					
E155	BL08120																					
E156	BL08119		7													<0.01						
E157	BL06331																					
E158	BL06328		2													<0.01						
E158	BL06329		2													<0.01						
E159	BL06330																					
E159	BL08122																					
E160	BL08121		21													<0.01						
E161	BL09308																					
E162	BL09196																					
E162	BL09197																					
E162	BL09198																					
E163	BL09406																					
E164	BL09385		20		124							3.76		17				1.51	25		27	
E164	BL09386		16		109							3.9		17				1.25	20		25	
E164	BL09387		15		113			45				1.91		16				0.19	<5		<2	
E165	BL28908		14	26	323	350	2	36			<2	4.68	4.9	11	3		<100	0.66	12	15	22	<0.5
E165	BL28909		39		77			52				>10		28				0.33	9		13	
E165	BL28907		25		59			58				4.29		1.67					0.86		22	
E165	BL28903		23	20	820	200	2	32			<2	4.95	5.6	12	4		<100	0.53	13	16	22	0.8
E165	BL28904		20		75			47				4.13		1.52					1.08		14	
E165	BL28905		15	28	131	150	2	34			<2	7.6	>10	12	3		<100	0.55	9	16	19	3.7
E165	BL28906		24		51			46				3.87		1.58					0.87		18	
E165	BL09328		12		117							3.52		17				1.32	24		25	
E165	BL09329		10		145			82				6.2		14				1.69	13		28	
E166	BL09327		14		87							3.55		18				2.05	25		33	
E167	BL28901		2		561			127				3.97		11				0.45	17		9	
E167	BL28902		17		57			51				3.47		1.34					0.7		16	
E167	BL09384		15		138							3.37		19				1.48	25		26	
E168	BL27973			43		340	2				<2		8.6		<2		<100			28		<0.5
E168	BL28895			<10		600	<1				<2		1.4		<2		<100			<5		<0.5
E168	BL28896			56		210	2				<2		>10		<2		<100			21		<0.5
E169	BL28897		8		34			23				2.22		16				1.07	12		20	
E169	BL28898		20	17	149	190	2	42			<2	6.22	6.1	23	<2	0.059	<100	0.43	<5	<5	5	<0.5
E169	BL28899		55		249			65				9.52		24				0.59	17		33	

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E143	BL28975	0.5	575		3	<2			1.49	1.3	18			<20	12		23					120	
E144	BL08110											7								<1	<5		51
E145	BL08111																						
E145	BL08112											13											123
E146	BL06332																						
E146	BL08123																			11	25		
E147	BL06335											<5											2
E148	BL06333																			<1	<5		
E148	BL06334															<10				<1	<5		
E149	BL08108											<5								<1	<5		10
E149	BL08109											<5				<10				<100	<100		9
E150	BL08116																						
E151	BL08113											<5								<1	<5		4
E151	BL08114											<5								<1	<5		5
E151	BL08124																			<1	<5		
E151	BL08125																			2	<5		
E152	BL08115																						
E153	BL08117											6											70
E154	BL08118																						
E155	BL08120																						
E156	BL08119				3												2			<1	<5		
E157	BL06331											14											40
E158	BL06328				5												12						
E158	BL06329				3												3						
E159	BL06330																						
E159	BL08122																						
E160	BL08121				3												7						
E161	BL09308											10											117
E162	BL09196											34											219
E162	BL09197											62											362
E162	BL09198											15											25
E163	BL09406											8											121
E164	BL09385	1.24	934		7				0.84		17				67		17						
E164	BL09386	1.26	631		<1				0.97		10				58		14						
E164	BL09387	0.76			7				6.69		12				43		48						
E165	BL28908	1.26	1318		1	2			0.7	0.52	11			46	54		24					55	
E165	BL28909	2.62	1737		4				2.16		14				26		38						
E165	BL28907	49	1449		3										69		17						
E165	BL28903	1.35	2550		204	<2			0.44	0.31	13			77	597		10					57	
E165	BL28904	29	1309		2										71		38						
E165	BL28905	1.16	4911		1	<2			0.53	0.42	11			96	46		12					32	
E165	BL28906	41	1277		2										66		15						
E165	BL09328	1.18	609		2				0.91		16				66		13						
E165	BL09329	0.82	466		3				2.61		11				8		42						
E166	BL09327	0.92	1058		3				1.05		18				48		18						
E167	BL28901	0.26	105		14				0.08		<5				54		35						
E167	BL28902	40	766		2										59		42						
E167	BL09384	1.27	633		6				0.88		15				67		16						
E168	BL27973					3				<0.05				91								44	
E168	BL28895					<2				<0.05				31								<10	
E168	BL28896					3				<0.05				250								28	
E169	BL28897	0.44	410		<1				2.01		7				12		24						
E169	BL28898	1.32	1546		<1	<2			3.27	3.7	9			66	66		43					32	
E169	BL28899	2.13	2194		<1				1.2		9				171		22						

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
E143	BL28975			18	2.4		8	<10	7.4	32	<200		262	<100	1	<1		<25	<20	27	0.39	
E144	BL08110											409										
E145	BL08111																					
E145	BL08112											715										
E146	BL06332																					
E146	BL08123																					
E147	BL06335											118										
E148	BL06333																					
E148	BL06334	<5	<50																			
E149	BL08108											172										
E149	BL08109	<5	<100									223										
E150	BL08116																					
E151	BL08113											85										
E151	BL08114											85										
E151	BL08124																					
E151	BL08125																					
E152	BL08115																					
E153	BL08117											608										
E154	BL08118																					
E155	BL08120																					
E156	BL08119			<5																		
E157	BL06331											514										
E158	BL06328			<5																		
E158	BL06329			<5																		
E159	BL06330																					
E159	BL08122																					
E160	BL08121			<5																		
E161	BL09308											973										
E162	BL09196											141										
E162	BL09197											16										
E162	BL09198											346										
E163	BL09406											860										
E164	BL09385			<5						<20			127	<100				<25			0.5	
E164	BL09386			<5						32			143	<100				<25			0.35	
E164	BL09387			14						<20			393	<100				<25			0.33	
E165	BL28908			<5	0.7		15	<10	3.6	<20	<200		91	<100	<1	<1		<25	<20	4.4	0.53	
E165	BL28909			<5						55			155	<100				<25			1.62	
E165	BL28907			<5						<20				0.79			<10				0.01	
E165	BL28903			37	0.5		17	<10	3.2	<20	<200		60	<100	1	<1		<25	<20	4.5	0.43	
E165	BL28904			<5						<20				0.56			<10				<0.01	
E165	BL28905			41	0.7		34	<10	4.5	35	<200		81	<100	1	2		<25	<20	3.7	0.58	
E165	BL28906			<5						<20				0.69			<10				0.01	
E165	BL09328			6						<20			131	<100				<25			0.47	
E165	BL09329			<5						<20			224	<100				<25			0.44	
E166	BL09327			<5						<20			161	<100				<25			0.37	
E167	BL28901			15						<20			69	<100				<25			0.12	
E167	BL28902			<5						<20				0.72			<10				0.01	
E167	BL09384			<5						<20			141	<100				<25			0.4	
E168	BL27973				2		6.5	<10	4.3		<200				<1	<1			<20	4.6		
E168	BL28895				1.3		0.6	<10	0.5		<200				<1	<1			<20	<0.5		
E168	BL28896				1.9		5.5	<10	4.7		<200				<1	<1			<20	3.4		
E169	BL28897			<5						28			353	<100				<25			0.32	
E169	BL28898			21	1.8		17	<10	2.8	<20	<200		793	<100	<1	<1		<25	<20	<0.5	0.42	<0.1
E169	BL28899			<5						42			143	<100				<25			0.93	

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E143	BL28975	5.7	92		<20	4		14		<5	61	<200			56	680						
E144	BL08110								35								87	48.69	1.21	12.02	3.22	8.56
E145	BL08111																					
E145	BL08112								29								158	63	0.56	14.47	1.62	3.47
E146	BL06332																					
E146	BL08123																					
E147	BL06335								11								32	47.94	0.53	4.8	4.02	5.66
E148	BL06333																					
E148	BL06334																					
E149	BL08108								8								18	50.15	0.32	3.58	2.16	3.86
E149	BL08109								14								27	38.97	1.17	8.52	8.82	10.81
E150	BL08116																					
E151	BL08113								12								30	49.5	0.32	4.84	4.07	5.72
E151	BL08114								18								23	47.72	0.62	6.3	4.28	7.33
E151	BL08124																					
E151	BL08125																					
E152	BL08115																					
E153	BL08117								20								81	59.41	0.56	15.18	3.36	3.34
E154	BL08118																					
E155	BL08120																					
E156	BL08119										55											
E157	BL06331								14								74	65.82	0.27	16.44	2.42	1.48
E158	BL06328										82											
E158	BL06329										66											
E159	BL06330																					
E159	BL08122																					
E160	BL08121										36											
E161	BL09308								27								140	59.69	0.63	14.3	3.36	3.83
E162	BL09196								47								566	71.4	0.5	13.62	2.32	0.26
E162	BL09197								119								212	76.53	0.04	12.36	0.98	0.64
E162	BL09198								33								224	48.03	2	15.88	2.76	7.2
E163	BL09406								26								92	56.96	0.58	13.58	3.2	4.25
E164	BL09385		150		<20			16			141				22							
E164	BL09386		104		<20			18			130				20							
E164	BL09387		120		<20			<5			56											
E165	BL28908	2.2	169		<20	<2		22		<5	151	<200			16	<500						
E165	BL28909		326		<20			76			124				<5							
E165	BL28907		67		<20						191											
E165	BL28903	1.7	141		<20	<2		27		6	98	<200			20	<500						
E165	BL28904		56		<20						120											
E165	BL28905	1.7	142		<20	<2		89		24	122	<200			9	<500						
E165	BL28906		63		<20						180											
E165	BL09328		136		<20			16			124				25							
E165	BL09329		82		<20			14			82											
E166	BL09327		119		<20			14			101				44							
E167	BL28901		494		<20			20			204				55							
E167	BL28902		61		<20						123											
E167	BL09384		191		<20			17			111				36							
E168	BL27973	5.2				<2				<5		410				<500						
E168	BL28895	0.8				<2				<5		<200				<500						
E168	BL28896	7.9				<2				<5		1400				<500						
E169	BL28897		77		<20			<5			62				87							
E169	BL28898	1.6	358		<20	<2		22		<5	96	<200			19	<500						
E169	BL28899		386		<20			32			210				16							

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E143	BL28975									
E144	BL08110	12.74	0.19	7.55	8.91	1.36	2.79	0.76	1.96	97.22
E145	BL08111									
E145	BL08112	5.48	0.12	2	3.09	2.6	4.42	0.3	2.29	97.94
E146	BL06332									
E146	BL08123									
E147	BL06335	10.31	0.19	11.54	21.54	0.56	0.12	0.19	1.15	98.24
E148	BL06333									
E148	BL06334									
E149	BL08108	6.44	0.16	14.08	20.59	0.61	0.44	0.04	2.48	98.47
E149	BL08109	20.84	0.24	9.42	13.96	1.1	1.08	0.59	1.84	96.52
E150	BL08116									
E151	BL08113	10.42	0.21	19.68	10.96	0.59	0.31	0.14	3.04	99.38
E151	BL08114	12.42	0.27	16.07	12.81	1.16	0.58	0.14	1.89	99.17
E151	BL08124									
E151	BL08125									
E152	BL08115									
E153	BL08117	7.07	0.15	3.46	6.11	2.73	2.52	0.23	2.19	99.24
E154	BL08118									
E155	BL08120									
E156	BL08119									
E157	BL06331	4.07	0.09	1.19	4.45	3.73	1.21	0.07	1.85	99.02
E158	BL06328									
E158	BL06329									
E159	BL06330									
E159	BL08122									
E160	BL08121									
E161	BL09308	7.61	0.15	3.46	5.51	2.43	4.13	0.46	1.04	99.41
E162	BL09196	2.61	0.01	<0.01	1.13	2.84	5.1	0.09	1.75	99.05
E162	BL09197	1.69	0.02	<0.01	0.08	3.39	4.87	<0.03	0.65	99.63
E162	BL09198	10.76	0.17	5.26	9.03	2.88	1.02	0.45	3.65	99.13
E163	BL09406	7.92	0.15	4.27	6.66	2.48	4.05	0.43	0.72	97.8
E164	BL09385									
E164	BL09386									
E164	BL09387									
E165	BL28908									
E165	BL28909									
E165	BL28907									
E165	BL28903									
E165	BL28904									
E165	BL28905									
E165	BL28906									
E165	BL09328									
E165	BL09329									
E166	BL09327									
E167	BL28901									
E167	BL28902									
E167	BL09384									
E168	BL27973									
E168	BL28895									
E168	BL28896									
E169	BL28897									
E169	BL28898									
E169	BL28899									

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E169	BL28900	Alder Creek	64	26.765	141	44.788	R
E18	BL09236	Suter Creek	64	55.640	142	04.870	R
E170	BL09383	Alder Creek	64	26.630	141	44.200	R
E171	BL28410		64	25.193	141	22.673	R
E172	BL07987	Dome Creek	64	23.620	141	14.000	R
E172	BL06537		64	23.620	141	14.000	PC
E173	BL28934		64	20.517	141	04.149	PC
E174	BL28932		64	19.759	141	06.981	PC
E174	BL28933		64	19.759	141	06.981	SS
E174	BL28931		64	19.708	141	07.017	R
E175	BL28930		64	19.612	141	08.419	R
E176	BL28929		64	19.401	141	08.201	R
E177	BL28928		64	19.091	141	08.439	R
E178	BL28377		64	11.225	141	21.342	R
E179	BL28385		64	14.534	141	24.677	R
E180	BL28751		64	13.468	141	26.248	R
E181	BL28391		64	13.747	141	29.313	PC
E181	BL28392		64	13.747	141	29.313	SS
E182	BL06377		64	14.557	141	36.267	R
E183	BL06376		64	13.650	141	39.100	R
E184	BL06792		64	19.000	141	43.600	R
E185	BL06790		64	20.407	141	50.168	R
E186	BL06374		64	22.815	142	00.846	R
E187	BL09250	Hutchinson Cr. Ultramafic	64	19.460	142	14.855	R
E188	BL09366	Hutchinson Cr. Ultramafic	64	18.304	142	24.335	R
E188	BL09367	Hutchinson Cr. Ultramafic	64	18.304	142	24.335	R
E189	BL09351		64	18.450	142	29.150	R
E189	BL09352		64	18.400	142	29.250	R
E189	BL06356		64	18.370	142	29.540	R
E190	BL06355		64	18.400	142	29.980	R
E191	BL06354		64	20.060	142	34.740	R
E192	BL06357		64	18.490	142	37.010	R
E193	BL06353		64	19.670	142	40.660	R
E194	BL09114		64	19.877	142	41.491	R
E195	BL28985	Fish Creek	64	15.467	142	41.934	R
E195	BL28986	Fish Creek	64	15.467	142	41.934	R
E195	BL28854	Fish Creek	64	15.444	142	42.098	R
E195	BL28855	Fish Creek	64	15.444	142	42.098	R
E195	BL28951	Fish Creek	64	15.421	142	42.204	R
E195	BL28984	Fish Creek	64	15.421	142	42.204	R
E195	BL28837	Fish Creek	64	15.421	142	42.204	R
E195	BL06358	Fish Creek	64	15.427	142	42.024	R
E196	BL06359		64	14.350	142	46.220	R
E197	BL28982	Little Whiteman Cr.	64	13.914	142	49.540	R
E197	BL28983	Little Whiteman Cr.	64	13.914	142	49.540	R
E197	BL28981	Little Whiteman Cr.	64	13.902	142	49.547	R
E197	BL28836	Little Whiteman Cr.	64	13.876	142	49.564	R
E197	BL28835	Little Whiteman Cr.	64	13.842	142	49.507	R
E197	BL28980	Little Whiteman Cr.	64	13.749	142	49.526	R
E198	BL28947	Little Whiteman Cr.	64	13.711	142	49.972	SO
E198	BL28828	Little Whiteman Cr.	64	13.682	142	49.598	R
E198	BL28979	Little Whiteman Cr.	64	13.650	142	49.608	R
E198	BL28949	Little Whiteman Cr.	64	13.647	142	50.146	SO
E198	BL28940	Little Whiteman Cr.	64	13.639	142	49.804	R

Map number	Sample number	Description
E169	BL28900	Limonite-veined quartz-muscovite schist. Veins are 1mm or less, cross-cut schistosity and are densely concentrated.
E18	BL09236	Rhyolite porphyry dike with quartz phenocrysts and black hairline veinlets
E170	BL09383	Brecciated gossany metaquartzite
E171	BL28410	Quartz vein segregation with 5% pyrite in biotite-quartz schist.
E172	BL07987	Random grab of black graphitic schist with localized yellow-white oxide coatings.
E172	BL06537	Panned concentrate sample taken from gravel on bedrock exposed in placer cut.
E173	BL28934	Panned concentrate.
E174	BL28932	Panned concentrate of sediments impacted in stream-side bryophyte moss.
E174	BL28933	Stream sediment.
E174	BL28931	Amphibolite with minor disseminated pyrrhotite.
E175	BL28930	Leucocratic hornblende-biotite granodiorite. Possible minor alteration and contains trace pyrrhotite-chalcopyrite.
E176	BL28929	Medium-grained, granodiorite dike containing trace coarse biotite.
E177	BL28928	60cm-wide graphic quartz-feldspar pegmatitic dike cutting ultramafics.
E178	BL28377	Gossany, sericite-altered mica schist with 0.5 cm quartz vein and <2% disseminated pyrite.
E179	BL28385	Leucocratic, medium- to fine-grained equigranular granite.
E180	BL28751	Biotite-amphibole quartzo-feldspathic schist; knots of honey-colored mineral in amphibole grains.
E181	BL28391	Panned concentrate.
E181	BL28392	Stream sediment.
E182	BL06377	Biotite, quartzofeldspathic orthogneiss; fine-grained hornblende?
E183	BL06376	Foliated or lineated hornblende syenite; hornblende altered to biotite
E184	BL06792	Hornblende syenite; weak lineation; mapped by Foster as TMzd
E185	BL06790	Medium-grained hornblende diorite (syenite ?); intruded by biotite granite and aplite dikes
E186	BL06374	Coarse-grained biotite hornblende syenite; weak chlorite-epidote-pyrrhotite alteration; amphibole weakly altered to biotite?
E187	BL09250	Pyritic aplite dike in hornfelsed quartz-biotite schist
E188	BL09366	Fresh clinopyroxenite with magmatic disseminated pyrrhotite and postmagmatic? biotite
E188	BL09367	Hydrothermally altered and weathered sulfide-rich pegmatitic plagioclase hornblendite in biotite clinopyroxenite
E189	BL09351	Porphyritic basalt with plagioclase, pyroxene, biotite (?) phenocrysts; has vertical joints and overlies Cretaceous rhyolite tuff
E189	BL09352	Gray Cretaceous rhyolite tuff with white feldspar phenocrysts or glass
E189	BL06356	Plagioclase porphyry basalt intercalated within felsic tuff
E190	BL06355	Biotite-bearing, quartz porphyry tuff; Tertiary?
E191	BL06354	Quartz, hornblende syenite; poikiolitic K-spar phenocrysts; weak chlorite and pyrrhotite alteration
E192	BL06357	Coarse-grained pink K-spar phenocrysts in coarse-grained white plagioclase and hornblende matrix; Monzonite?
E193	BL06353	Weathered and altered? quartz-feldspar porphyry tuff
E194	BL09114	Numerous blocks of silicified fault breccia (1-2 m in width); minor pyrite and arsenopyrite in gray silicified clasts
E195	BL28985	Pyritic(5%) biotite-quartz-feldspar hornfels.
E195	BL28986	Altered phase of lineated hornblende-bearing intrusive. Hornblende is altered to epidote-chlorite.
E195	BL28854	0.7m continuous chip across silicified, brecciated, limonite-coated fault zone.
E195	BL28855	Altered green grey, plagioclase-phyric intrusive dike. Trace amount of pyrrhotite after biotite.
E195	BL28951	Dense red-brown gossan with minor MnO_2 and pyrite.
E195	BL28984	Dense fine-grained, white rock which weathers to orange-ochre gossan. (smithsonite?)
E195	BL28837	White, carbonate-altered, and sheared biotite schist with vein-like disseminated galena and sphalerite.
E195	BL06358	Coarse-grained, lineated hornblende syenite; possible nepheline syenite; trace pyrrhotite
E196	BL06359	Coarse-grained pink K-spar porphyry hornblende syenite; strong epidote alteration; bronze-colored biotite; K-spar phenocrysts to 3 cm
E197	BL28982	Gossany breccia.
E197	BL28983	MnO_2 coated gossan.
E197	BL28981	Siliceous hornfels cut by hairline veins coated with limonite.
E197	BL28836	Gossany quartz-carbonate vein.
E197	BL28835	Fe-oxide stained quartz vein with sulfides.
E197	BL28980	Brecciated metavolcanic re-cemented by quartz.
E198	BL28947	Soil sample.
E198	BL28828	White to orange-brown metasediment, exhibits micro-crackle breccia.
E198	BL28979	Sparry calcite vein in metavolcanic.
E198	BL28949	Soil sample.
E198	BL28940	Random chip of quartz-veined argillite with minor boxwork limonite.

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E169	BL28900		<5					34	<5					2400				<1			<10	22
E18	BL09236														553							
E170	BL09383	0.3				1.74	5			<.001		<5	661			10			0.24	2.5		
E171	BL28410	1.9	<5			2.07	<5	4	17				461	660		9		<1	0.84	<2	<10	18
E172	BL07987																					
E172	BL06537	4.1	7			2.44	<5	3	>10000				590	660		13		<1	1.44	<2	<10	44
E173	BL28934	0.6	<5			2.84	61	23	<5				556	560		27		<1	9.15	<2	<10	32
E174	BL28932	<0.5	<5			4.11	41	78	<5				558	380		31		<1	>10	<2	<10	33
E174	BL28933	<0.2				0.07	<5						221			<5			3	<1		
E174	BL28931	1				6.16	66						775			27			>10	<2		
E175	BL28930	<0.5				2.44	15						1777		1853	12			1.64	8.8		
E176	BL28929														990							
E177	BL28928																					
E178	BL28377	<0.5	<5			3.91	16	7	10				335	320		23		<1	0.97	<2	<10	26
E179	BL28385														2361		<1					
E180	BL28751		<5					<1	<5					780				<1			<10	43
E181	BL28391	<0.5	<5			1.37	34	3	16				85	500		23		<1	1.33	<2	<10	18
E181	BL28392	<0.5				1.79	40						640			22			1.06	<2		
E182	BL06377																					
E183	BL06376																					
E184	BL06792																					
E185	BL06790														1881							
E186	BL06374														883							
E187	BL09250	0.7				0.87							694			<5			0.29	9		
E188	BL09366	<0.2				2.5	<5		<1	<.001		5	76			<5			10	3.5		
E188	BL09367	0.6				2.65	<5		3	<.001		9	104			6			10	2.2		
E189	BL09351	<0.5				8.44				< 001			1343		1380	<5			3.56	3.4		
E189	BL09352	<0.5				7.8				0.001			1556		1560	<5			1.26	<2		
E189	BL06356														493							
E190	BL06355														1739							
E191	BL06354														1297							
E192	BL06357														1330							
E193	BL06353																					
E194	BL09114	0.5					27					6				<5						
E195	BL28985		<5					8	<5					1600				<1			<10	37
E195	BL28986																					
E195	BL28854		12					100	<5					<100				2			<10	<10
E195	BL28855		<5					5	<5					1500				<1			<10	30
E195	BL28951		11					133	<5					<100				2			920	<10
E195	BL28984	1.1	<5			5.31	45	21	<5				525	220		26		<1	0.58	216.3	270	45
E195	BL28837	8.7	<5			2.15	<5	28	<5				204	140		36		<1	0.11	353.5	470	13
E195	BL06358														1597							
E196	BL06359														1261							
E197	BL28982		6					42	<5					390				2			<10	<10
E197	BL28983		<5					47	<5					630				3			31	<10
E197	BL28981		<5					9	<5					220				<1			<10	<10
E197	BL28836	<0.5	<5			1.17	<5	12	<5				109	120		<5		2	0.17	2.2	<10	16
E197	BL28835	<0.5	<5			1.2	78	115	<5				71	<100		<5		3	0.03	<2	<10	<10
E197	BL28980		<5					33	<5					130				3			<10	<10
E198	BL28947	0.6				2.93	50						782			13			0.91	<2		
E198	BL28828	<0.5	<5			2.66	<5	10	<5				840	980		<5		<1	0.41	<2	<10	22
E198	BL28979		<5					23	<5					190				<1			<10	22
E198	BL28949	<0.5				6.73	70						1106			<5			1.44	<2		
E198	BL28940		<5					20	<5					1100				<1			<10	15

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E169	BL28900			23		310	1				<2		2.2		<2		<100			10		<0.5
E18	BL09236																					
E170	BL09383		12		169			79				5.58		11		0.028		0.47	28		11	
E171	BL28410		1	<10	227	450	3	13			<2	1.43	1.8	<10	<2	0.018	<100	0.46	7	9	11	<0.5
E172	BL07987																					
E172	BL06537		19	18	466	640	<1	71			2	1.32	>10	22	<2		<100	0.64	10	12	20	1.7
E173	BL28934		30	45	245	350	<1	28			<2	>10	>10	24	<2		<100	0.41	6	19	3	<0.5
E174	BL28932		25	42	385	780	<1	24			2	9.5	>10	21	4		<100	0.36	9	17	3	<0.5
E174	BL28933		10		47			25				2.21		1.19					0.69		7	
E174	BL28931		49		68			59				>10		26				0.77	<5		4	
E175	BL28930		<1		197			65				0.85		16				0.78	<5		3	
E176	BL28929																					
E177	BL28928																					
E178	BL28377		<1	<10	169	260	<1	40			<2	9.96	>10	17	2	<0.01	<100	0.49	<5	8	4	<0.5
E179	BL28385	0.02																				
E180	BL28751			19		150	2				<2		5.9		3		<100			24		<0.5
E181	BL28391		16	24	41	<50	<1	17			<2	9.97	10	19	3		<100	0.51	<5	10	4	3.7
E181	BL28392		16		54			33				4.53		15				1.08	<5		12	
E182	BL06377																					
E183	BL06376																					
E184	BL06792																					
E185	BL06790																					
E186	BL06374																					
E187	BL09250		14		181			87				1.6		<10				0.29	<5		4	
E188	BL09366		41		590			59				7.22		<10		<0.01	<1	0.24	<5		14	
E188	BL09367		98		390			274				>10		13		0.057	<1	0.33	<5		13	
E189	BL09351		21		130			53				4.58		20				1.5	40		12	
E189	BL09352		6		85			25				2.27		18				1.65	44		13	
E189	BL06356																					
E190	BL06355																					
E191	BL06354																					
E192	BL06357																					
E193	BL06353																					
E194	BL09114							19								0.269						
E195	BL28985			34		190	5				<2		7.2		2		<100			20		<0.5
E195	BL28986																					
E195	BL28854			<10		220	<1				<2		>10		<2	0.022	<100			7		<0.5
E195	BL28855			<10		130	2				<2		2.9		3		<100			17		<0.5
E195	BL28951			61		<50	<1				<2		>10		<2	0.016	<100			6		<0.5
E195	BL28984		3	10	99	99	<1	30			<2	>10	>10	20	4		<100	0.06	21	20	51	<0.5
E195	BL28837		16	10	129	190	<1	214			<2	2.65	7.6	10	2		<100	0.04	<5	5	36	<0.5
E195	BL06358																					
E196	BL06359																					
E197	BL28982			<10		<50	1			426	<2		>10		<2		<100			11		<0.5
E197	BL28983			180		<50	4			38	<2		>10		<2		<100			17		<0.5
E197	BL28981			<10		410	<1			70	<2		1.2		<2		<100			<5		<0.5
E197	BL28836		5	<10	236	350	<1	19			<2	1.37	1.9	<10	<2		<100	0.04	<5	6	11	<0.5
E197	BL28835		4	<10	211	300	<1	26			<2	0.85	1.1	<10	<2		<100	0.13	6	8	16	<0.5
E197	BL28980			11		140	1			32	<2		4.9		<2		<100			<5		<0.5
E198	BL28947		14		61			31				2.59		15				0.79	15		21	
E198	BL28828		<1	<10	78	110	<1	34			<2	1.2	1.8	<10	4		<100	1.21	7	12	11	0.6
E198	BL28979			<10		130	<1			108	<2		2.8		4		<100			13		0.6
E198	BL28949		10		56			29				3.03		15				0.91	26		26	
E198	BL28940			<10		450	<1				<2		1.9		<2		<100			5		<0.5

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E169	BL28900					<2				<0.05				34								36	
E18	BL09236											16											8
E170	BL09383	0.25			17				0.06		<5				76		<2						
E171	BL28410	0.33	378		2	<2			0.07	0.06	6			20	17		84					60	
E172	BL07987																						
E172	BL06537	0.91	2951		3	6			1.02	0.83	5			49	39		25					19	
E173	BL28934	3.68	1429		<1	<2			1.22	1.3	11			<20	33		37					17	
E174	BL28932	5.75	1350		<1	<2			1	0.93	9			57	53		26					<10	
E174	BL28933	69	311		<1										18		8						
E174	BL28931	6.38	1468		9				1.54		6				48		9						
E175	BL28930	0.09	448		3				3.86		5	5			4		24						39
E176	BL28929											<5											24
E177	BL28928																						
E178	BL28377	0.61	117		<1	4			0.99	1.3	11			<20	12		150					30	
E179	BL28385											<5											52
E180	BL28751					<2				2				<20								140	
E181	BL28391	0.46	8322		5	<2			1.08	1.3	<5			<20	11		20					18	
E181	BL28392	0.78	1272		4				1.3		7				20		15						
E182	BL06377																						
E183	BL06376																						
E184	BL06792																						
E185	BL06790											5											66
E186	BL06374											<5											22
E187	BL09250	0.09	21		8				0.06		<5				39		15						
E188	BL09366	8.75			2				0.67		8				86	<10	<2			<20	<20		
E188	BL09367	8.32			5				0.72		<5				124	<10	<2			<20	<20		
E189	BL09351	1.68			3				1.92		14	13			8		27						121
E189	BL09352	0.36			5				2.09		15	16			6		30						153
E189	BL06356											19											48
E190	BL06355											17											158
E191	BL06354											11											97
E192	BL06357											10											85
E193	BL06353																						
E194	BL09114				13												6						
E195	BL28985					2				1.6				66								170	
E195	BL28986																						
E195	BL28854					11				<0.05				<20								<10	
E195	BL28855					<2				3.3				<20								53	
E195	BL28951					2				<0.05				<50								<10	
E195	BL28984	0.83	4369		20	<2			0.31	<0.05	13			30	20		469					<10	
E195	BL28837	0.27	1813		26	2			0.03	<0.05	<5			<20	9		6424		0.65			11	
E195	BL06358											12											93
E196	BL06359											8											143
E197	BL28982					<2				<0.05				<20				42				16	
E197	BL28983					<2				<0.05				320				449				17	
E197	BL28981					3				<0.05				<20				229				<10	
E197	BL28836	0.06	1636		<1	2			0.04	<0.05	<5			32	15		3					<10	
E197	BL28835	0.05	45		9	<2			0.04	<0.05	<5			<20	11		7					<10	
E197	BL28980					<2				<0.05				34				26				12	
E198	BL28947	0.75	663		6				1.24		6				21		139						
E198	BL28828	0.17	379		<1	<2			4.03	2.3	<5			<20	5		12					40	
E198	BL28979					<2				4.7				<20				40				<10	
E198	BL28949	1.01	929		3				1.66		7				19		102						
E198	BL28940					3				1				<20								45	

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
E169	BL28900				0.5		4.4	<10	1.9		<200				<1	<1			<20	2.9		
E18	BL09236											164										
E170	BL09383			<5						<20			73	<100			<0.2				0.08	0.6
E171	BL28410			<5	1.9		4.5	<10	1.6	21	<200		46	<100	<1	<1		<25	<20	3.3	0.09	<0.1
E172	BL07987																					
E172	BL06537			9	0.9		26	<10	3.5	49	<200		165	<100	1	1		<25	<20	1.9	0.72	
E173	BL28934			33	0.3		59.7	<10	5.2	39	<200		951	<100	1	<1		<25	<20	3.8	0.55	
E174	BL28932			<5	<0.2		74.2	<10	5.3	29	<200		1004	<100	<1	1		<25	<20	3.7	0.5	
E174	BL28933			<5						<20				0.73			<10				0.02	
E174	BL28931			12						44			553	<100				<25			0.63	
E175	BL28930			21						<20		1704	1459	<100				<25			0.04	
E176	BL28929											1970										
E177	BL28928																					
E178	BL28377			<5	26.9		16	<10	2.3	25	<200		128	<100	<1	<1		<25	<20	1.2	0.17	<0.1
E179	BL28385											948										
E180	BL28751				0.5		21	<10	4.8		<200				<1	<1			<20	6		
E181	BL28391			<5	0.3		56.6	<10	2.2	<20	<200		50	<100	1	1		<25	<20	2.5	0.45	
E181	BL28392			<5						<20			89	<100				<25			0.29	
E182	BL06377																					
E183	BL06376																					
E184	BL06792																					
E185	BL06790											929										
E186	BL06374											750										
E187	BL09250			<5						<20			24	<100				<25			0.04	
E188	BL09366	<5	<50	<5						<20			71	<100			<0.2				0.24	0.4
E188	BL09367	<5	<50	12						<20			69	<100			<0.2				0.27	<0.2
E189	BL09351			<5						<20		662	742	<100				<25			0.42	
E189	BL09352			<5						<20		512	564	<100				<25			0.19	
E189	BL06356											308										
E190	BL06355											533										
E191	BL06354											972										
E192	BL06357											958										
E193	BL06353																					
E194	BL09114			<5													<0.2					<0.1
E195	BL28985				1		27	<10	5		<200				<1	<1			<20	4.5		
E195	BL28986																					
E195	BL28854				11		3.9	<10	1		<200				<1	<1			<20	1.1		<0.1
E195	BL28855				0.9		8.2	<10	3.1		<200				<1	<1			<20	3.9		
E195	BL28951				16		1.1	<10	2		<200				<1	<1			<20	<0.5		0.2
E195	BL28984			18	2.8		11	<10	3.7	59	<200		40	<100	<1	<1		<25	<20	4.5	0.26	
E195	BL28837			18	6.2		5.1	<10	1.2	28	<200		10	<100	<1	<1		<25	<20	1.7	0.1	
E195	BL06358											722										
E196	BL06359											922										
E197	BL28982				8.3		7.1	<10	2.4		<200				<1	<1			<20	1.8		
E197	BL28983				15		11	<10	3.5		<200				<1	<1			<20	1.4		
E197	BL28981				3.7		1.8	<10	0.2		<200				<1	<1			<20	<0.5		
E197	BL28836			<5	15		2.1	<10	1.2	<20	<200		12	<100	<1	<1		<25	<20	0.7	0.01	
E197	BL28835			14	18		2.1	<10	1.9	<20	<200		10	<100	<1	<1		<25	<20	<0.5	0.03	
E197	BL28980				30.8		11	<10	2.1		<200				<1	<1			<20	1.1		
E198	BL28947			<5						<20			194	<100				<25			0.3	
E198	BL28828			<5	1.8		8.4	<10	3.7	<20	<200		61	<100	<1	<1		<25	<20	3.2	0.13	
E198	BL28979				0.6		13	<10	4.5		<200				<1	<1			<20	3.8		
E198	BL28949			<5						<20			244	<100				<25			0.32	
E198	BL28940				1		7	<10	2		<200				<1	<1			<20	1.7		

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E169	BL28900	0.6				<2				<5		<200				<500						
E18	BL09236								28								206	72.86	0.55	12.98	1.14	1.48
E170	BL09383		100		<20			10			207											
E171	BL28410	0.8	58		<20	<2		<5		<5	40	<200			20	<500						
E172	BL07987																					
E172	BL06537	<1.2	205		<20	<2		52		<5	84	<200			<5	<500						
E173	BL28934	2.4	485		<20	4		5		<5	74	<200			<5	<500						
E174	BL28932	1.7	396		<20	3		7		<5	59	<200			9	<500						
E174	BL28933		53		<20						39											
E174	BL28931		474		<20			8			232				11							
E175	BL28930		11		<20			<5	<1		979				17		<1	72.78	0.08	15.74	0.55	0.84
E176	BL28929								1								34	72.72	0.09	15.49	0.37	0.78
E177	BL28928																					
E178	BL28377	0.8	132		<20	<2		<5		<5	68	<200			<5	<500						
E179	BL28365								1								69	72.47	0.05	14.99	0.31	0.23
E180	BL28751	2.3				<2				<5		<200				<500						
E181	BL28391	0.8	205		<20	2		21		26	78	330			<5	<500						
E181	BL28392		133		<20			<5			90				19							
E182	BL06377																					
E183	BL06376																					
E184	BL06792																					
E185	BL06790								20								38	55.8	0.62	15.07	2.91	4.25
E186	BL06374								13								51	61.94	0.38	16.52	1.92	2.54
E187	BL09250		39		<20			<5			102											
E188	BL09366		298		<20			12			67											
E188	BL09367		316		<20			11			69											
E189	BL09351		144		<20			18	28		82						169	60.19	0.55	14.9	3.42	2.06
E189	BL09352		40		<20			10	26		45						170	71.03	0.23	14.53	2.6	0.39
E189	BL06356								41								299	50.37	2.24	14.61	2.02	8.75
E190	BL06355								28								180	72.5	0.29	14.26	0.91	0.39
E191	BL06354								26								132	62.07	0.56	14.92	2.09	3.67
E192	BL06357								26								147	58.75	0.7	13.74	2.37	4.63
E193	BL06353																					
E194	BL09114										6											
E195	BL28985	1.9				<2				<5		330				<500						
E195	BL28986																					
E195	BL28854	2.2				<2				<5		4800				<500						
E195	BL28855	2.3				<2				<5		260				<500						
E195	BL28951	4.7				5				<5		>30000				<500						
E195	BL28984	2.2	89		<20	25		10		<5	13205	15000	1.3		34	<500						
E195	BL28837	1.2	37		<20	15		<5		<5	>20000	27300	2.51		17	<500						
E195	BL06358								28								152	57.75	0.75	13.69	2.12	5.15
E196	BL06359								26								95	63.87	0.51	13.53	2.94	2.38
E197	BL28982	3.5				<2				<5		5000				<500						
E197	BL28983	2.8				4				<5		25700				<500						
E197	BL28981	<0.5				<2				<5		440				<500						
E197	BL28836	<0.5	18		<20	<2		<5		<5	97	<200			<5	<500						
E197	BL28835	0.5	13		<20	<2		5		<5	171	<200			8	<500						
E197	BL28980	0.6				<2				<5		300				<500						
E198	BL28947		88		<20			8			221				48							
E198	BL28828	1.4	21		<20	<2		7		<5	40	<200			38	<500						
E198	BL28979	1.6				<2				6		<200				<500						
E198	BL28949		93		<20			19			90				64							
E198	BL28940	0.8				<2				<5		<200				<500						

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E169	BL28900									
E18	BL09236	2.79	0.02	0.73	0.32	6.54	0.19	0.07	1.09	98.14
E170	BL09383									
E171	BL28410									
E172	BL07987									
E172	BL06537									
E173	BL28934									
E174	BL28932									
E174	BL28933									
E174	BL28931									
E175	BL28930	1.48	0.06	0.27	2.78	5.25	1.62	0.09	0.63	100.78
E176	BL28929	1.24	0.05	0.3	2.78	5.23	1.13	0.06	0.87	99.96
E177	BL28928									
E178	BL28377									
E179	BL28385	0.57	0.01	0.08	2.01	5.38	2.49	0.06	0.55	98.67
E180	BL28751									
E181	BL28391									
E181	BL28392									
E182	BL06377									
E183	BL06376									
E184	BL06792									
E185	BL06790	7.64	0.16	3.87	7.46	3.23	3.46	0.31	0.85	97.99
E186	BL06374	4.74	0.09	1.67	6.04	3.36	1.2	0.2	2.09	97.95
E187	BL09250									
E188	BL09366									
E188	BL09367									
E189	BL09351	5.71	0.12	3.03	4.64	2.57	3.4	0.39	3.38	98.88
E189	BL09352	3.03	0.03	0.7	1.68	2.68	3.96	0.1	2.41	100.38
E189	BL06356	11.75	0.18	5.1	7.92	3.42	1.47	0.38	1.87	98.33
E190	BL06355	1.35	0.04	0.42	1.57	2.58	3.71	0.18	2.59	99.44
E191	BL06354	6.17	0.12	2.38	4.8	2.46	3.88	0.41	1.57	98.93
E192	BL06357	7.51	0.14	3.9	5.8	2.8	3.62	0.42	1.78	98.65
E193	BL06353									
E194	BL09114									
E195	BL28985									
E195	BL28986									
E195	BL28854									
E195	BL28855									
E195	BL28951									
E195	BL28984									
E195	BL28837									
E195	BL06358	7.85	0.16	4.54	6.28	2.31	3.84	0.38	2.04	99.01
E196	BL06359	5.59	0.1	2.95	3.7	2.43	4.88	0.24	2.29	99.82
E197	BL28982									
E197	BL28983									
E197	BL28981									
E197	BL28836									
E197	BL28835									
E197	BL28980									
E198	BL28947									
E198	BL28828									
E198	BL28979									
E198	BL28949									
E198	BL28940									

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E198	BL28939	Little Whiteman Cr.	64	13.635	142	49.612	R
E198	BL28941	Little Whiteman Cr.	64	13.624	142	49.685	R
E198	BL28942	Little Whiteman Cr.	64	13.624	142	49.685	SO
E198	BL28943	Little Whiteman Cr.	64	13.601	142	49.633	R
E198	BL28946	Little Whiteman Cr.	64	13.594	142	49.751	R
E198	BL28945	Little Whiteman Cr.	64	13.587	142	49.757	R
E198	BL28948	Little Whiteman Cr.	64	13.577	142	50.094	SO
E198	BL28944	Little Whiteman Cr.	64	13.559	142	49.756	R
E198	BL28950	Little Whiteman Cr.	64	13.517	142	49.962	SO
E199	BL06722		64	13.230	142	52.820	R
E200	BL06360	Oscar Skarn - Z	64	12.844	142	53.518	R
E200	BL06361	Oscar Skarn - Z	64	12.844	142	53.518	R
E200	BL06362	Oscar Skarn - Z	64	13.020	142	53.470	R
E200	BL08129	Oscar Skarn - Z	64	13.020	142	53.470	R
E201	BL07963	Little Enchilada	64	11.347	142	57.996	R
E201	BL07964	Little Enchilada	64	11.341	142	57.937	R
E201	BL07961	Little Enchilada	64	11.332	142	57.951	R
E201	BL07962	Little Enchilada	64	11.332	142	57.951	R
E202	BL09315		64	13.330	142	58.200	R
E203	BL28856		64	15.725	142	53.336	R
E203	BL28857		64	15.703	142	53.267	R
E204	BL28866		64	15.854	142	54.123	R
E204	BL28989		64	15.636	142	55.271	PC
E204	BL28988		64	15.636	142	55.271	SS
E206	BL28990		64	15.570	142	56.227	R
E207	BL28991		64	15.247	142	57.100	PC
E208	BL06281	Mt Veta Moly	64	14.859	142	59.362	R
E209	BL07995	Mt. Veta Moly	64	13.989	143	00.332	R
E210	BL07997	Mt. Veta Moly	64	14.001	143	00.889	R
E210	BL07998	Mt. Veta Moly	64	14.001	143	00.889	R
E210	BL07996	Mt. Veta Moly	64	13.999	143	00.812	R
E210	BL07999	Mt. Veta Moly	64	13.979	143	00.984	R
E210	BL28840	Mt. Veta Moly	64	13.946	143	00.883	R
E210	BL08000	Mt. Veta Moly	64	13.916	143	00.926	R
E211	BL06798	Mt. Veta Moly	64	13.763	143	01.077	R
E211	BL09317	Mt. Veta Moly	64	13.895	143	00.995	R
E211	BL09318	Mt. Veta Moly	64	13.895	143	00.995	R
E212	BL07960	Mt. Veta Moly	64	13.763	143	01.077	R
E213	BL07981	Oscar Skarn B	64	14.215	143	05.347	R
E214	BL07970	Oscar Skarn-B	64	14.041	143	05.469	R
E214	BL07972	Oscar Skarn-B	64	14.041	143	05.404	R
E214	BL07971	Oscar Skarn-B	64	14.024	143	05.449	R
E214	BL07969	Oscar Skarn-A	64	13.894	143	05.465	R
E214	BL07968	Oscar Skarn-A	64	13.852	143	05.586	R
E214	BL07967	Oscar Skarn-A	64	13.810	143	05.495	R
E215	BL07965	Oscar Skarn-E	64	13.962	143	06.154	R
E215	BL07966	Oscar Skarn-E	64	13.892	143	06.172	R
E216	BL07980	Oscar Skarn	64	14.648	143	06.296	R
E216	BL07979	Oscar Skarn-G	64	14.642	143	06.267	R
E217	BL07978	Oscar Skarn-H	64	14.697	143	08.219	R
E218	BL07975	Oscar Skarn-H	64	15.054	143	07.496	R
E218	BL07976	Oscar Skarn-H	64	15.041	143	07.883	R
E218	BL07977	Oscar Skarn-H	64	14.921	143	07.906	R
E218	BL09200	Oscar Skarn-H	64	14.988	143	07.991	R

Map number	Sample number	Description
E198	BL28939	Milky-white quartz-veined argillite.
E198	BL28941	Brecciated hornfels with chlorite matrix.
E198	BL28942	Soil sample.
E198	BL28943	Quartz-veined hornfels with trace oxidized pyrite in vein.
E198	BL28946	Random chip of quartz-veined phyllite.
E198	BL28945	Random chip of quartz-veined phyllite.
E198	BL28948	Soil sample.
E198	BL28944	Gray-green, biotite-hornblende felsic dike.
E198	BL28950	Soil sample.
E199	BL06722	Mt. Veta quartz syenite with xenoliths of lineated hornblendite and biotite schist
E200	BL06360	Massive vesuvianite skarn; 20-cm-long crystals; disseminated galena (1-4%), sphalerite (5-15%), pyrrhotite (5%), chalcopyrite (0.5%); pyrrhotite and chalcopyrite in massive green pyroxene + red garnet skarn
E200	BL06361	Massive green pyroxene, red garnet, green garnet skarn with pyrrhotite and trace chalcopyrite; trace galena and shpalerite
E200	BL06362	Massive vesuvianite and red garnet skarn replacing marble across foliation
E200	BL08129	Medium-grained, dark green, pyroxene skarn; trace pyrite and chalcopyrite; manganese oxide coating
E201	BL07963	Fine-grained, equigranular, biotite granite with very minor pyrrhotite.
E201	BL07964	Heavily quartz-veined and altered biotite granite.
E201	BL07961	Crackle-breccia of fine-grained granite, open spaces have Fe-Mn staining and 2-4mm sized grains of euhedral white-pale green fluorite.
E201	BL07962	10-12cm wide, banded quartz veins in sericitically-altered fine-grained, equigranular granite. Contains trace of molybdenite in quartz veins.
E202	BL09315	Medium-grained quartz, plagioclase, hornblende, biotite equigranular granite-granodiorite; chlorite alteration of mafic minerals
E203	BL28856	Massive, coarse-grained amphibolite with 2-4% disseminated sulfides.
E203	BL28857	Deformed and altered quartz monzonite; biotite altered to muscovite.
E204	BL28866	Amphibolite with 1% disseminated pyrrhotite.
E204	BL28989	Panned concentrate.
E204	BL28988	Stream sediment.
E206	BL28990	Biotite-hornblende adamellite; Mafic minerals are slightly chloritized.
E207	BL28991	Panned concentrate.
E208	BL06281	Fine grained equigranular biotite granite with minor K-spar phenocrysts
E209	BL07995	Fine- to medium-grained, seriate, biotite granite.
E210	BL07997	Altered granite with minor pyrite.
E210	BL07998	2.5cm-wide chalcedonic veining in biotite-bearing granite. Very fine-grained molybdenite in veins and selvages.
E210	BL07996	Siliceous biotite granite with greenish colored alteration.
E210	BL07999	Siliceous alteration of biotite granite with trace of fine-grained, black spherulitic shaped granules.
E210	BL28840	Green , chlorite- and quartz-altered granite with galena, pyrite and trace sphalerite.
E210	BL08000	Biotite granite with green, chlorite-quartz-altered matrix. Contains disseminated sulfides(3%); galena, sphalerite and chalcopyrite.
E211	BL06798	Chlorite greisen-altered biotite granite; contains magmatic-hydrothermal breccia clasts that are variably altered, disseminated, fine-grained Fe-sulfides
E211	BL09317	Quartz-eye porphyry; aphanitic matrix, granite dike
E211	BL09318	Fine-grained quartz-eye and plagioclase porphyry, biotite granite; highly chloritized with pebble breccia character; fluorite alteration
E212	BL07960	Fine-grained, equigranular, biotite granite with hairline fractures filled with molybdenite.
E213	BL07981	Magnetite-rich pyroxene skarn.
E214	BL07970	Semi-massive pyrrhotite-chalcopyrite skarn.
E214	BL07972	Calc-silicates with 5% disseminated sulfides; pyrrhotite and trace chalcopyrite.
E214	BL07971	Pyrrhotite skarn with minor sphalerite and chalcopyrite.
E214	BL07969	Garnet pyroxene skarn.
E214	BL07968	Felsic plug with amphibole phenocrysts and disseminated pyrrhotite.
E214	BL07967	Massive magnetite skarn.
E215	BL07965	Pyroxene-pyrrhotite skarn with 5% sphalerite, 10-15% pyrrhotite and trace chalcopyrite.
E215	BL07966	Massive to semi-massive, banded pyroxene skarn with galena.
E216	BL07980	Medium-grained biotite-hornblende granodiorite.
E216	BL07979	Chlorite-garnet skarn.
E217	BL07978	Banded actinolite skarn with 5% disseminated sphalerite.
E218	BL07975	Intensively altered and silicified syenite with 5% disseminated pyrrhotite.
E218	BL07976	Dense, compact, light-green amphibole skarn.
E218	BL07977	Banded, acicular actinolite-tremolite skarn with minor sphalerite.
E218	BL09200	Select sample of banded ilvite and green pyroxene skarn with 20-30% red-brown sphalerite

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E198	BL28939		<5					11	<5					490				<1			<10	11
E198	BL28941		<5					31	<5					190				<1			<10	38
E198	BL28942	<0.5				2.86	34						813			<5			0.74	<2		
E198	BL28943	<0.5	<5			7.11	49	7	<5				1750	1800		25		<1	0.88	<2	<10	<10
E198	BL28946	<0.5	<5			2.73	13	4	<5				862	1000		<5		<1	0.1	<2	<10	29
E198	BL28945	<0.5	<5			4.15	45	10	<5				894	910		<5		<1	0.21	<2	<10	25
E198	BL28948	<0.5				2.99	49						753			<5			0.76	<2		
E198	BL28944																					
E198	BL28950	<0.5				>10	88						1432			9			1.2	<2		
E199	BL06722																					
E200	BL06360	>50		2.62			<5					52				231						
E200	BL06361	9.2					<5					<5				28						
E200	BL06362	8.9					<5					<5				27						
E200	BL08129	1.5					30					<5				<5						
E201	BL07963														1863							
E201	BL07964	2.1	<5			1.44	5	27	11				160	150		<5		<1	0.03	2.2	<10	18
E201	BL07961	<0.5	<5			2.58	28	22	<5				1388	1900		<5		1	0.4	<2	<10	48
E201	BL07962	<0.5	<5			1.81	24	9	<5				585	820		<5		<1	0.15	<2	<10	<10
E202	BL09315														1268							
E203	BL28856		<5					7	8					490				<1			<10	19
E203	BL28857		<5					7	<5					1700				<1			<10	<10
E204	BL28866	1.5				8.53	105						1458			19			8.94	<2		
E204	BL28989	<0.5	<5			5.63	59	33	<5				1165	1000		21		<1	3.73	<2	<10	55
E204	BL28988	<0.2				0.09	6						214			<5			8	<1		
E206	BL28990														1522							
E207	BL28991	<0.5	<5			5.28	98	128	11				1152	1200		10		<1	1.11	<2	<10	350
E208	BL06281														1946							
E209	BL07995														1590							
E210	BL07997		<5					3	<5					1700				<1			<10	37
E210	BL07998		8					3	<5					360				<1			<10	31
E210	BL07996		<5					2	<5					2000				<1			<10	60
E210	BL07999	<0.5	<5			2.55	51	13	<5				514	600		<5		<1	0.68	<2	<10	<10
E210	BL28840	6.3	15			2.4	<5	11	13				402	510		9		<1	0.6	12.9	17	<10
E210	BL08000		12					4	<5					710				1			24	34
E211	BL06798																					
E211	BL09317	0				5.94				<.001			1732		1742	<5			0.34	17.2		
E211	BL09318	12.1				6.09				<.001			1119			8			0.08	7.9		
E212	BL07960	0.6	<5			2.02	62	8	7				1204	1500		<5		1	1.35	<2	<10	72
E213	BL07981	<0.5	<5			1.34	<5	16	12				106	<100		107		3	4.92	<2	<10	<10
E214	BL07970																					
E214	BL07972	<0.5	<5			1.95	<5	11	<5				72	<100		18		1	>10	<2	<10	<10
E214	BL07971		9					11	19					<100				<1			250	<10
E214	BL07969	12.8	15			2.3	<5	8	35				71	<100		63		2	>10	41.6	49	65
E214	BL07968														2807							
E214	BL07967		10					5	10					<100				<1			<10	<10
E215	BL07965		140					9	19					<100				1			500	<10
E215	BL07966		7					7	<5					<100				<1			<10	<10
E216	BL07980														1412							
E216	BL07979	<0.5	<5			2.1	<5	6	<5				92	<100		24		3	>10	<2	<10	<10
E217	BL07978	<0.5	<5			0.16	<5	11	9				21	<100		80		3	9.79	237.5	320	<10
E218	BL07975	<0.5	<5			1.45	<5	5	<5				405	2100		14		<1	2.82	<2	<10	100
E218	BL07976	<0.5	<5			1.12	<5	10	110				49	<100		129	141	2	>10	<2	<10	<10
E218	BL07977	<0.5	<5			0.86	<5	90	25				65	<100		42		3	7.6	17.3	33	<10
E218	BL09200	0.2					90					15				17						

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E198	BL28939			<10		250	<1				<2		1.2		<2		<100			<5		<0.5
E198	BL28941			11		140	<1				<2		4.5		3		<100			17		0.7
E198	BL28942		24		104			46				4.19		19				0.53	17		27	
E198	BL28943		<1	<10	127	140	2	23			<2	3.63	4.4	14	3		<100	0.55	6	7	21	0.6
E198	BL28946		<1	<10	221	280	<1	28			<2	1.2	1.6	11	4		<100	0.48	10	14	5	<0.5
E198	BL28945		<1	<10	251	300	1	23			<2	2.03	2.6	12	4		<100	0.59	8	9	9	<0.5
E198	BL28948		13		73			34				4.56		18				0.82	14		24	
E198	BL28944																					
E198	BL28950		16		78			38				5.37		23				1.37	26		28	
E199	BL06722																					
E200	BL06360		51													0.036						
E200	BL06361		222													<0.01						
E200	BL06362		26													0.021						
E200	BL08129		178													<0.01						
E201	BL07963																					
E201	BL07964		3	<10	255	340	2	59			<2	1.12	1.2	<10	<2	<0.01	<100	0.52	8	9	15	<0.5
E201	BL07961		8	<10	151	180	4	83			<2	1.16	1.4	<10	3		<100	1.3	22	23	149	<0.5
E201	BL07962		3	<10	234	320	1	32			<2	0.65	0.8	30	<2		<100	1.06	<5	<5	11	<0.5
E202	BL09315																					
E203	BL28856			71		190	<1				3		>10		5		<100			9		0.7
E203	BL28857			<10		230	2				<2		1.3		<2		<100			<5		<0.5
E204	BL28866		56		35			40				>10		35				0.91	<5		32	
E204	BL28989		8	16	225	230	3	12			<2	7.13	7.6	17	5		<100	1.38	27	40	22	<0.5
E204	BL28988		7		17			16				2.53		1.58					0.52		14	
E206	BL28990																					
E207	BL28991		8	<10	854	940	3	19			<2	5.5	5.8	18	20		<100	0.57	192	260	21	<0.5
E208	BL06281																					
E209	BL07995	0.02																				
E210	BL07997			<10		130	5				<2		2		4		<100			27		<0.5
E210	BL07998			<10		230	2				<2		0.7		<2		<100			16		<0.5
E210	BL07996			<10		120	5				<2		2.6		4		<100			35		<0.5
E210	BL07999		4	<10	57	120	5	20			<2	0.51	0.7	11	3		<100	3.18	<5	<5	11	<0.5
E210	BL28840		2	<10	71	120	9	19			<2	2.01	3.5	17	3		<100	1.73	<5	7	55	<0.5
E210	BL08000			<10		150	4		<0.01		<2		5.2		3		<100			17		<0.5
E211	BL06798																					
E211	BL09317		3		99			31				1.48		<10				1.91	<5		27	
E211	BL09318		5		121			224				4.83		<10				2	13		22	
E212	BL07960	0.02	5	<10	113	160	3	8			<2	1.31	1.7	16	4		<100	1.23	30	39	19	<0.5
E213	BL07981		15	<10	60	<50	<1	<1			<2	<0.01	>10	72	<2		<100	0.09	<5	<5	<2	<0.5
E214	BL07970																					
E214	BL07972		14	11	35	53	7	63			<2	1.69	>10	19	<2		<100	0.02	<5	6	6	<0.5
E214	BL07971			160		<50	2		0.58		<2		>10		<2	0.02	<100			<5		<0.5
E214	BL07969		19	20	32	<50	2	197			<2	<0.01	>10	34	2	<0.01	<100	0.05	34	51	6	<0.5
E214	BL07968	0.03																				
E214	BL07967			15		<50	<1		0.24		<2		>10		<2	<0.01	<100			<5		<0.5
E215	BL07965			41		<50	2		0.12		<2		>10		<2	0.024	<100			<5		<0.5
E215	BL07966			14		<50	2		0.02		<2		>10		<2		<100			<5		<0.5
E216	BL07980	0.03																				
E216	BL07979		10	<10	44	<50	2	<1			4	<0.01	>10	22	<2		<100	0.09	<5	<5	8	<0.5
E217	BL07978		21	14	13	<50	1	4			<2	<0.01	>10	24	<2	0.067	<100	0.02	<5	<5	<2	<0.5
E218	BL07975		7	14	70	100	2	18			<2	2.7	5.7	21	6		<100	1.97	40	59	11	<0.5
E218	BL07976		5	<10	67	100	<1	10			<2	2.64	9.1	12	<2	<0.01	<100	0.07	<5	<5	18	<0.5
E218	BL07977		13	23	31	<50	2	4			<2	0.23	>10	13	<2		<100	0.07	<5	6	16	<0.5
E218	BL09200							42								0.156						

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E198	BL28939					<2				1.2				<20								21	
E198	BL28941					<2				4.2				<20								24	
E198	BL28942	1.06	538		6				1.75		8				47		37						
E198	BL28943	1.18	748		3	<2			2.48	2.2	6			<20	6		9					50	
E198	BL28946	0.27	185		4	<2			3.69	3.4	6			<20	3		16					17	
E198	BL28945	0.42	573		<1	3			2.68	2.3	<5			<20	11		10					38	
E198	BL28948	0.69	661		4				1.69		9				21		104						
E198	BL28944																						
E198	BL28950	1.13	914		3				2.52		13				30		29						
E199	BL06722																						
E200	BL06360				3												8294						
E200	BL06361				4												1636						
E200	BL06362				2												1174						
E200	BL08129				4												256						
E201	BL07963											15											152
E201	BL07964	0.1	415		243	232			0.04	<0.05	<5			<20	8		731					61	
E201	BL07961	0.38	282		41	45			0.47	0.43	10			<20	10		72					130	
E201	BL07962	0.14	143		3087	3160			0.13	0.11	<5			<20	12		56					77	
E202	BL09315											13											149
E203	BL28856					<2				1.2				59								23	
E203	BL28857					<2				3.5				<20								62	
E204	BL28866	6.41	2245		2				1.75		13				20		56						
E204	BL28989	1.19	1245		<1	<2			1.07	0.78	12			<20	18		32					62	
E204	BL28988	46	467		<1										11		28						
E206	BL28990											21											165
E207	BL28991	0.37	716		5	<2			1.9	1.9	23			36	16		39					140	
E208	BL06281											16											151
E209	BL07995											13											146
E210	BL07997					3		6		2.6				<20								130	
E210	BL07998					6210		5858		0.58				<20								22	
E210	BL07996					9		125		2.5				<20								130	
E210	BL07999	0.08	615		14	16			6.44	3.5	10			<20	7		28					88	
E210	BL28840	0.07	1928		10	10			1.1	0.74	12			<20	4		3495		0.34			170	
E210	BL08000					78				0.09				<20					0.3			180	
E211	BL06798																						
E211	BL09317	0.27	<9		13				1.92		9	6			8		1209						209
E211	BL09318	0.31	42		77				0.28		7				6		2578						
E212	BL07960	0.38	231		4	6			3.53	2.9	18			<20	7		25					150	
E213	BL07981	2.34	8357		<1	<2			0.29	<0.05	<5			<20	7		58					<10	
E214	BL07970																						
E214	BL07972	3.95	5657		4	<2			0.06	0.08	<5			<20	12		40					<10	
E214	BL07971					<2				0.08				<20					<0.01			<10	
E214	BL07969	1.48	8196		3	<2			0.11	0.07	<5			<20	8		730					<10	
E214	BL07968											26											158
E214	BL07967					<2				0.09				<20					0.02			<10	
E215	BL07965					13				0.06				<20					2.13			<10	
E215	BL07966					<2				0.15				<20					0.02			<10	
E216	BL07980											9											4
E216	BL07979	0.75	6273		<1	<2			0.27	0.15	<5			<20	12		28					14	
E217	BL07978	0.58	12147		36	<2			0.06	<0.05	<5			<20	11		81					<10	
E218	BL07975	1.5	472		2	<2			3.51	2.4	17			<20	7		32					140	
E218	BL07976	1.47	4822		2	<2			0.1	0.1	<5			<20	21		121					<10	
E218	BL07977	1.07	5623		2	<2			0.08	0.05	<5			<20	21		26					<10	
E218	BL09200				4												<2						

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
E198	BL28939				0.5		4.3	<10	1.7		<200				<1	<1			<20	1.6		
E198	BL28941				0.8		15	<10	4.9		<200				<1	1			<20	2.7		
E198	BL28942			<5						<20			172	<100				<25			0.45	
E198	BL28943			23	0.5		19	<10	3	33	<200		159	<100	<1	<1		<25	<20	2.7	0.37	
E198	BL28946			14	0.6		9.1	<10	3.5	<20	<200		57	<100	<1	<1		<25	<20	5.8	0.17	
E198	BL28945			33	0.9		9.1	<10	2.8	29	<200		91	<100	<1	<1		<25	<20	3.9	0.19	
E198	BL28948			<5						<20			189	<100				<25			0.47	
E198	BL28944																					
E198	BL28950			<5						28			257	<100				<25			0.51	
E199	BL06722																					
E200	BL06360			<5																		
E200	BL06361			<5																		
E200	BL06362			<5																		
E200	BL08129			<5																		
E201	BL07963											622										
E201	BL07964			8	5.3		1.3	<10	1.1	<20	<200		9	<100	<1	<1		<25	<20	3.5	0.05	0.6
E201	BL07961			<5	11		3.9	<10	2.4	<20	<200		176	<100	<1	<1		<25	<20	11	0.12	
E201	BL07962			20	9		1.5	<10	0.9	<20	<200		49	<100	<1	1		<25	<20	4.7	0.06	
E202	BL09315											500										
E203	BL28856				0.5		54.1	<10	10		<200				<1	1			<20	0.8		
E203	BL28857				0.4		1.7	<10	0.4		<200				<1	<1			<20	0.6		
E204	BL28866			<5						80			298	<100				<25			1.06	
E204	BL28989			10	2.9		18	<10	6.1	43	<200		380	<100	<1	<1		<25	<20	8.3	0.64	
E204	BL28988			<5						<20				0.65			<10				0.02	
E206	BL28990											654										
E207	BL28991			<5	2.7		7.2	<10	17	21	<200		355	<100	4	1		<25	<20	55.4	0.33	
E208	BL06281											449										
E209	BL07995											588										
E210	BL07997				2.2		4.5	<10	3.1		<200				1	<1			<20	16		
E210	BL07998				4.8		0.8	<10	2		<200				<1	2			<20	8.2		
E210	BL07996				2.7		4.8	<10	3.9		<200				1	<1			<20	17		
E210	BL07999			7	2		1.2	<10	0.4	<20	<200		484	<100	2	<1		<25	<20	11	0.1	
E210	BL28840			<5	5.4		1.1	<10	0.5	55	<200		118	<100	2	<1		<25	<20	13	0.08	
E210	BL08000				12		5.2	<10	1.7		<200				<1	<1			<20	16		
E211	BL06798																					
E211	BL09317			<5						<20		477	466	<100				<25			0.14	
E211	BL09318			7						70			64	<100				<25			0.14	
E212	BL07960			5	8.7		5	<10	4.4	<20	<200		525	<100	1	<1		<25	<20	14	0.16	0.5
E213	BL07981			34	3.1		2.4	<10	0.9	42	<200		15	<100	1	<1		<25	<20	0.7	0.1	
E214	BL07970																					
E214	BL07972			22	9.4		2.6	<10	1.5	57	<200		140	<100	<1	<1		<25	<20	2.4	0.08	
E214	BL07971				5.4		0.5	<10	0.2		<200				<1	<1			<20	<0.5		0.1
E214	BL07969			26	14		8	<10	4.9	38	<200		309	<100	<1	<1		<25	<20	8.2	0.1	0.3
E214	BL07968											632										
E214	BL07967				6.5		1.5	<10	0.7		<200				<1	<1			<20	<0.5		0.3
E215	BL07965				5.7		<0.5	<10	0.6		<200				<1	<1			<20	<0.5		0.5
E215	BL07966				5.4		1.7	<10	0.8		<200				<1	<1			<20	<0.5		
E216	BL07980											546										
E216	BL07979			<5	2.9		4.7	<10	3.8	53	<200		42	<100	<1	<1		<25	<20	2.2	0.07	
E217	BL07978			36	15		0.6	<10	0.3	<20	<200		92	<100	<1	<1		<25	<20	0.6	<0.01	<0.1
E218	BL07975			<5	4.2		21	<10	8	<20	<200		782	<100	1	<1		<25	<20	11	0.34	
E218	BL07976			11	25		4.1	<10	0.4	<20	<200		192	<100	<1	<1	1.4	<25	<20	<0.5	0.06	<0.1
E218	BL07977			12	17		1.4	<10	0.8	<20	<200		101	<100	<1	<1		<25	<20	0.9	0.01	
E218	BL09200			<5													<0.2					0.9

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E198	BL28939	0.7				<2				<5		<200				<500						
E198	BL28941	1.2				<2				6		210				<500						
E198	BL28942		155		<20			8			91				48							
E198	BL28943	0.8	50		<20	<2		16		5	78	<200			63	<500						
E198	BL28946	2.3	20		<20	<2		9		<5	46	<200			86	<500						
E198	BL28945	1.3	45		<20	<2		10		<5	64	<200			66	<500						
E198	BL28948		131		<20			7			130				54							
E198	BL28944																					
E198	BL28950		153		<20			13			99				96							
E199	BL06722																					
E200	BL06360										19137											
E200	BL06361										4436											
E200	BL06362										16473											
E200	BL08129										370											
E201	BL07963								13								196	68.86	0.42	14.24	0.67	2.21
E201	BL07964	2.1	9		<20	3		<5		<5	189	<200			<5	<500						
E201	BL07961	2	29		<20	4		<5		<5	168	<200			<5	<500						
E201	BL07962	<0.5	10		<20	6		<5		<5	37	<200			<5	<500						
E202	BL09315								29								166	69.99	0.41	14.62	1.11	1.61
E203	BL28856	0.5				<2				7		230				<500						
E203	BL28857	<0.5				<2				<5		<200				<500						
E204	BL28866		543		<20			20			248				28							
E204	BL28989	2.4	197		<20	6		17		<5	80	<200			19	<500						
E204	BL28988		41		<20						97											
E206	BL28990								21								178	66.92	0.51	15.45	1.74	2.34
E207	BL28991	5.9	134		<20	29		23		<5	96	<200			76	690						
E208	BL06281								26								264	70.18	0.37	14.69	0.96	1.32
E209	BL07995								10								174	69.46	0.34	14.26	0.74	1.62
E210	BL07997	2.7				<2				<5		<200				<500						
E210	BL07998	6.5				3				<5		<200				<500						
E210	BL07996	2.6				<2				<5		<200				<500						
E210	BL07999	1.9	8		<20	<2		<5		<5	43	<200			17	<500						
E210	BL28840	2.8	7		<20	5		<5		<5	2508	2700	0.25		21	<500						
E210	BL08000	4.9				17				<5		2600	0.22			<500						
E211	BL06798																					
E211	BL09317		17		<20			6	28		3444						133	71.04	0.23	14.34	0.82	1.23
E211	BL09318		24		<20			5			1302											
E212	BL07960	2.9	19		<20	2		8		<5	35	<200			31	<500						
E213	BL07981	1.9	89		<20	<2		<5		<5	1110	1300			19	<500						
E214	BL07970																					
E214	BL07972	7.4	45		<20	<2		22		<5	211	280			30	<500						
E214	BL07971	0.6				47				<5		24800	2.24			<500						
E214	BL07969	12	187		<20	12		13		<5	5153	6100			9	<500						
E214	BL07968								23								267	65.19	0.52	15.13	0.72	2.88
E214	BL07967	7.9				6				<5		320	0.04			<500						
E215	BL07965	1.4				15				<5		>30000	4.78			<500						
E215	BL07966	4.4				<2				<5		370	0.05			<500						
E216	BL07980								20								167	63	0.63	14.78	1.8	3.11
E216	BL07979	1.5	36		<20	<2		9		<5	310	330			18	<500						
E217	BL07978	0.7	12		<20	9		<5		<5	>20000	>30000	3.32		<5	<500						
E218	BL07975	2.9	155		<20	6		15		<5	56	<200			<5	<500						
E218	BL07976	<0.5	54		<20	<2		<5		<5	112	<200			<5	<500						
E218	BL07977	<0.5	29		<20	2		<5		<5	2838	3500			<5	<500						
E218	BL09200										>20000		8.76									

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E198	BL28939									
E198	BL28941									
E198	BL28942									
E198	BL28943									
E198	BL28946									
E198	BL28945									
E198	BL28948									
E198	BL28944									
E198	BL28950									
E199	BL06722									
E200	BL06360									
E200	BL06361									
E200	BL06362									
E200	BL08129									
E201	BL07963	3.13	0.03	0.96	2.34	2.96	4.61	0.15	1.45	99.16
E201	BL07964									
E201	BL07961									
E201	BL07962									
E202	BL09315	2.9	0.05	0.99	2.7	3.07	3.99	0.13	0.67	99.52
E203	BL28856									
E203	BL28857									
E204	BL28866									
E204	BL28989									
E204	BL28988									
E206	BL28990	4.34	0.11	1.77	3.36	3.13	4.14	0.22	0.55	100.49
E207	BL28991									
E208	BL06281	2.42	0.04	0.6	2.1	3.23	4.69	0.09	0.77	99.04
E209	BL07995	2.54	0.04	0.73	2.29	3.64	3.92	0.13	1.86	99.2
E210	BL07997									
E210	BL07998									
E210	BL07996									
E210	BL07999									
E210	BL28840									
E210	BL08000									
E211	BL06798									
E211	BL09317	2.19	0.24	0.55	0.53	2.6	5.02	<0.03	1.56	98.3
E211	BL09318									
E212	BL07960									
E213	BL07981									
E214	BL07970									
E214	BL07972									
E214	BL07971									
E214	BL07969									
E214	BL07968	3.92	0.06	1.48	2.39	2.49	5.05	0.27	2.49	98.98
E214	BL07967									
E215	BL07965									
E215	BL07966									
E216	BL07980	5.26	0.11	2.23	4.34	2.94	4.33	0.23	0.96	98.81
E216	BL07979									
E217	BL07978									
E218	BL07975									
E218	BL07976									
E218	BL07977									
E218	BL09200									

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E218	BL09319	Oscar Skarn-H	64	14.945	143	07.850	R
E219	BL07973	Oscar Skarn-H	64	15.378	143	07.010	R
E219	BL07974	Oscar Skarn-H	64	15.255	143	07.440	R
E220	BL06721		64	16.150	143	09.500	R
E221	BL09316		64	16.138	143	10.717	R
E222	BL08107		64	15.069	143	15.051	R
E223	BL07909		64	11.784	143	12.873	PC
E223	BL07910		64	11.784	143	12.873	SS
E224	BL07904		64	10.749	143	14.674	R
E224	BL07905		64	10.749	143	14.674	R
E225	BL07906		64	10.750	143	16.310	PC
E225	BL07907		64	10.740	143	16.150	PC
E225	BL07908		64	10.740	143	16.150	SS
E226	BL06585		64	12.760	143	23.300	PC
E226	BL06584		64	12.760	143	23.300	SS
E227	BL06782		64	16.302	143	40.060	R
E228	BL06398		64	14.409	143	40.899	R
E229	BL06399		64	14.634	143	42.464	R
E230	BL06397		64	12.200	143	43.520	R
E231	BL09184	S21 Prospect	64	11.349	143	47.766	R
E232	BL07902	S21 Prospect	64	12.491	143	47.973	R
E232	BL09185	S21 Prospect	64	12.464	143	47.872	R
E232	BL09186	S21 Prospect	64	12.464	143	47.872	R
E232	BL09187	S21 Prospect	64	12.464	143	47.872	R
E233	BL07901	S21 Prospect	64	13.561	143	47.967	R
E233	BL07903		64	13.370	143	47.870	R
E234	BL06536		64	16.360	143	55.693	R
E234	BL06535		64	16.359	143	55.519	SS
E235	BL06534		64	16.359	143	55.519	PC
E235	BL06598	Lucky-13	64	14.373	143	53.838	R
E235	BL06599	Lucky-13	64	14.373	143	53.838	R
E235	BL06596	VABM Good	64	14.294	143	54.160	R
E235	BL06597	VABM Good	64	14.282	143	54.044	R
E235	BL06595	VABM Good	64	14.191	143	54.070	R
E235	BL09182	Lucky 13	64	14.038	143	54.051	R
E235	BL09183	Lucky 13	64	14.276	143	54.275	R
E235	BL09225	VABM Good	64	14.038	143	54.051	R
E235	BL09226	VABM Good	64	14.276	143	54.275	R
E236	BL06730	VABM Good	64	14.102	143	54.274	R
E236	BL06783		64	11.100	143	53.400	R
E237	BL06395		64	04.574	143	50.700	R
E237	BL06396	Blue Lead Mine	64	04.564	143	50.701	R
E237	BL06784		64	04.460	143	50.919	R
E238	BL06587		64	08.860	143	25.740	PC
E238	BL06586		64	08.860	143	25.740	SS
E239	BL07916	Molly Cr. Sb	64	06.122	143	17.993	R
E239	BL07917	Molly Cr. Sb	64	06.072	143	18.029	R
E240	BL06288		64	00.982	143	18.422	R
E240	BL06289		64	00.957	143	18.492	R
E241	BL07926		64	03.990	143	13.610	PC
E242	BL07921	Iron Creek	64	04.052	143	12.970	R
E242	BL07922	Iron Creek	64	04.052	143	12.970	R
E242	BL07923	Iron Creek	64	04.052	143	12.970	R
E242	BL07924	Iron Creek	64	04.052	143	12.970	R

Map number	Sample number	Description
E218	BL09319	White, aphanitic, granodiorite with amphibole and plagioclase phenocrysts; cross-cuts Mt Veta quartz syenite
E219	BL07973	Syenite with amphiboles partially altered to pyrrhotite.
E219	BL07974	Aphanitic groundmass, biotite-plagioclase phenocryst dike rock.
E220	BL06721	Sub-volcanic felsic intrusive, 20cm dike with rounded clasts, and wall-rock of Mt. Veta quartz syenite
E221	BL09316	Gray, quartz-eye porphyry, plagioclase porphyry ash fall tuff; gray aphanitic matrix
E222	BL08107	Altered peridotite with mottled brown fabric; disseminated pyrrhotite and magnetite
E223	BL07909	Panned concentrate.
E223	BL07910	Stream sediment.
E224	BL07904	Quartzite-lithic breccia cemented with limonite.
E224	BL07905	Micaceous quartzite breccia with hematitic stain.
E225	BL07906	Panned concentrate.
E225	BL07907	Panned concentrate.
E225	BL07908	Stream sediment.
E226	BL06585	Panned concentrate.
E226	BL06584	Stream sediment.
E227	BL06782	Medium-grained, non-lineated, hornblende, biotite granodiorite; CI=30; quartz content =25%; plagioclase > K-spar
E228	BL06398	Hornblende, K-spar, quartz porphyry dike; aphanitic groundmass; cross-cuts BL06782
E229	BL06399	Plagioclase porphyry, dacitic intrusive; aphanitic to very fine-grained groundmass; mafic minerals altered to chlorite; intrudes granodiorite
E230	BL06397	Coarse-grained, tor-forming, biotite granite
E231	BL09184	Medium-grained biotite granite / quartz monzonite
E232	BL07902	Sericite-altered gray-green, melanocratic quartz-eye porphyritic diorite.
E232	BL09185	Select of massive milky quartz with blades of coarse wolframite (2-3%)
E232	BL09186	Quartz-eye aplite plug heavily veined with barren quartz veins; minor Fe-staining
E232	BL09187	Rubble crop; very fine-grained siliceous quartz-eye porphyry, minor feldspar porphyry intrusive
E233	BL07901	Milky-white quartz vein with wolframite and associated yellow oxide.
E233	BL07903	Limonite- MnO2- coated Mt. Harper biotite granodiorite. Some minor quartz/MnO2 filled veins.
E234	BL06536	Fine-grained, equigranular, biotite quartz monzonite.
E234	BL06535	Stream sediment.
E235	BL06534	Panned concentrate.
E235	BL06598	Green calc-silicate gneissic roof pendant with disseminated chalcopyrite-pyrrhotite-scheelite(?).
E235	BL06599	Gneissic roof pendant with low angle fractures filled with coarse-grained scheelite and powellite.
E235	BL06596	Fine-grained, hornblende quartz monzonite.
E235	BL06597	Select of 5% molybdenite-bearing milky-white quartz vein in leucocratic quartz monzonite.
E235	BL06595	2.5cm-thick coarse-grained quartz vein cross-cutting gneiss. Vein contains 5% molybdenite.
E235	BL09182	Fine-grained equigranular biotite-hornblende granite
E235	BL09183	Fine-grained equigranular biotite-hornblende granite; very fine-grained matrix
E235	BL09225	Coarse-grained porphyritic granite; large K-spar phenocrysts; slightly chloritized
E235	BL09226	Select of greisen-altered Cretaceous granite; chloritic shears
E236	BL06730	Massive, fine-grained, equigranular hornblende, biotite granodiorite
E236	BL06783	Variable grain size, fine to coarse seriate biotite granite; CI=10
E237	BL06395	Coarse-grained hornblende, biotite granite; biotite slightly chloritized
E237	BL06396	Coarse-grained hornblende, biotite granite; cross-cut by numerous 3-mm quartz veins; veining rare
E237	BL06784	Hornblende, biotite granodiorite with cryptic, poikiolitic K-spar phenocrysts; similar to Diamond Mountain granodiorite
E238	BL06587	Panned concentrate.
E238	BL06586	Stream sediment.
E239	BL07916	Select of massive stibnite in marble.
E239	BL07917	Boxwork gossan in carbonate.
E240	BL06288	Porphyritic granite; Tertiary ?
E240	BL06289	Medium-grained equigranular biotite granite
E241	BL07926	Panned concentrate.
E242	BL07921	Select of massive magnetite with minor epidote.
E242	BL07922	Fine-grained, green amphibolite with 5% disseminated pyrite.
E242	BL07923	Epidote altered, silicified greenstone. This sample was not analyzed.
E242	BL07924	Select of malachite, azurite-stained magnetite skarn.

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E218	BL09319														2303							
E219	BL07973	<0.5	<5			1.77	46	56	<5				304	2100		7		2	2.67	<2	<10	70
E219	BL07974														2631							
E220	BL06721																					
E221	BL09316														1579							
E222	BL08107										3											
E223	BL07909	<0.5	<5			2.13	<5	14	<5				1322	1500		<5		<1	4.53	<2	<10	84
E223	BL07910																					
E224	BL07904		<5					10	<5					150				1			<10	<10
E224	BL07905		<5					11	<5					670				<1			<10	<10
E225	BL07906	<0.5	8			2.08	12	21	9				1821	2300		<5		<1	1.89	<2	<10	39
E225	BL07907	<0.5	<5			2.08	<5	22	21				993	1100		<5		1	2.95	<2	<10	37
E225	BL07908	<0.2				2.61	18						403			7			0.98	<1		
E226	BL06585	6.3	<5			2.23	21	19	1510				358	410		<5	<1	1	1.72	<2	<10	110
E226	BL06584	<0.2				1.36	16						139			<5			0.53	<1		
E227	BL06782														521							
E228	BL06398																					
E229	BL06399														744							
E230	BL06397														1061							
E231	BL09184														1076							
E232	BL07902														1322							
E232	BL09185	1				0.17				<.001			11			20			0.04	<2		
E232	BL09186	1.1				3.05				<.001			1131			<5			0.07	<2		
E232	BL09187														181							
E233	BL07901		43					<8	<59					30				<8			<87	<100
E233	BL07903	<0.5	<5			2.41	71	147	<5				424	520		20		3	0.02	<2	<10	43
E234	BL06536														1072							
E234	BL06535	<0.2				3.99	<5						270			7			1.05	<1		
E235	BL06534	<0.5	<5			2.02	<5	8	21				687	750		<5		<1	1.7	<2	<10	55
E235	BL06598	11.9	11			1.56	270	689	<12				22	<100		37		<5	7.64	32.9	<34	27
E235	BL06599	<0.5	<5			2.33	<5	<3	<23				261	790		16		<3	6.12	<2	<36	<38
E235	BL06596														621							
E235	BL06597	1.3	<5			>10	68	1	<5				130	210		<5		<1	0.19	<2	<10	25
E235	BL06595	0.8	<5			>10	38	<1	<5				294	290		<5		<1	0.38	<2	<10	<10
E235	BL09182														762							
E235	BL09183														155							
E235	BL09225														1169							
E235	BL09226														587							
E236	BL06730														743							
E236	BL06783														277							
E237	BL06395														1262							
E237	BL06396	<0.2					<5					<5				<5						
E237	BL06784														672							
E238	BL06587	<0.5	<5			2.15	<5	6	694				427	530		<5	<1	<1	1.64	<2	<10	60
E238	BL06586																					
E239	BL07916			0.1						<0.001												
E239	BL07917	9.6		0.24		0.97	761			0.001			212			<5			0.14	18.6		
E240	BL06288														880							
E240	BL06289														224							
E241	BL07926	<0.5	<5			2.4	23	39	18				613	660		13		2	4.52	<2	<10	82
E242	BL07921	26.4	62			0.43	<5	35	<5				213	170		245		15	0.83	33.9	33	<10
E242	BL07922	<0.5	<5			0.94	36	133	<5				109	290		44		15	>10	<2	<10	<10
E242	BL07923																					
E242	BL07924	26.7	34			1.56	149	250	170				83	<100		1191		5	>10	<2	<10	15

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E218	BL09319																					
E219	BL07973		10	18	71	57	2	45			<2	2.66	5.9	16	4		<100	1.12	25	42	15	<0.5
E219	BL07974	0.02																				
E220	BL06721																					
E221	BL09316																					
E222	BL08107																					
E223	BL07909		22	35	328	400	<1	33			3	2.81	7.5	15	3		<100	0.76	35	44	13	<0.5
E223	BL07910																					
E224	BL07904			<10		230	<1				<2		9.5		<2		<100			10		<0.5
E224	BL07905			<10		190	2				<2		2.3		<2		<100			<5		<0.5
E225	BL07906		16	39	350	440	1	24			<2	3.17	8.1	19	3		<100	0.68	16	22	13	<0.5
E225	BL07907		23	37	525	660	1	29			2	2.79	5.2	14	3		<100	0.67	17	21	15	<0.5
E225	BL07908		23		422			43				4						0.31	15			
E226	BL06585		17	17	441	650	1	20			2	2.6	6.8	16	10		<100	0.98	44	55	18	0.5
E226	BL06584		19		94			37				2.62						0.13	21			
E227	BL06782																					
E228	BL06398																					
E229	BL06399																					
E230	BL06397																					
E231	BL09184																					
E232	BL07902																					
E232	BL09185		<1		281			6				0.38		<10				0.09	<5		5	
E232	BL09186		<1		153			17				0.36		11				1.33	<5		5	
E232	BL09187																					
E233	BL07901			<10		<730	<2			44	<2		0.7		<20		<420			<5		<1.7
E233	BL07903		<1	<10	77	70	6	11			2	0.82	>10	23	4		<100	1.72	8	23	26	0.6
E234	BL06536	0.02																				
E234	BL06535		15		783			70				5.75						0.49	28			
E235	BL06534		11	<10	727	950	2	39			<2	2.25	3.3	12	8		<100	1.18	37	46	21	0.6
E235	BL06598		17	16	132	300	<1	4066			<2	1.04	>10	25	<4		<100	0.01	12	16	9	0.5
E235	BL06599		15	11	171	430	5	158			<2	2.25	3.7	24	<10		<100	0.41	23	49	23	0.7
E235	BL06596	0.02																				
E235	BL06597		2	<10	318	460	2	42			<2	>10	1.3	31	4		<100	2.62	<5	12	20	0.6
E235	BL06595		2	<10	325	510	3	36			<2	>10	1.6	36	<2		<100	2.41	6	15	21	<0.5
E235	BL09182																					
E235	BL09183																					
E235	BL09225																					
E235	BL09226																					
E236	BL06730																					
E236	BL06783																					
E237	BL06395																					
E237	BL06396		3													<0.01						
E237	BL06784																					
E238	BL06587		12	12	401	540	1	17			<2	2.53	5.6	15	15		<100	0.81	26	35	17	0.9
E238	BL06586																					
E239	BL07916									10												
E239	BL07917		3		262			25				1.55		<10		1.805		0.27	<5		62	
E240	BL06288																					
E240	BL06289																					
E241	BL07926		14	32	321	370	2	43			2	2.61	>10	23	10		<100	0.75	28	49	20	0.5
E242	BL07921	<0.01	42	12	40	<50	<1	53			2	<0.01	>10	109	<2	0.052	<100	0.12	<5	<5	2	<0.5
E242	BL07922		28	31	46	<50	<1	148			<2	<0.01	>10	27	<2		<100	0.02	<5	<5	5	<0.5
E242	BL07923																					
E242	BL07924		69	91	65	76	<1	1911	0.18		<2	<0.01	>10	32	<2	<0.01	<100	0.02	7	16	5	<0.5

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E218	BL09319											17											155
E219	BL07973	1.37	606		<1	<2			3.39	2.5	13			<20	11		48					130	
E219	BL07974											22											172
E220	BL06721																						
E221	BL09316											15											137
E222	BL08107																			<1	<5		
E223	BL07909	2.56	1733		<1	<2			1.05	1	10			45	47		22					35	
E223	BL07910																						
E224	BL07904					<2				<0.05				31								13	
E224	BL07905					<2				0.05				<20								28	
E225	BL07906	1.42	1669		<1	<2			2.41	2.4	15			98	67		30					28	
E225	BL07907	1.96	2824		<1	<2			1.06	1.1	9			72	83		17					28	
E225	BL07908	1.11	2605		4				0.06						64		21						
E226	BL06585	0.84	1116		<1	2			2.75	1.7	19			<20	32		35					45	
E226	BL06584	0.6	1362		1				0.02						27		17						
E227	BL06782											15											192
E228	BL06398																						
E229	BL06399											13											141
E230	BL06397											14											127
E231	BL09184											16											125
E232	BL07902											5											73
E232	BL09185	<0.01	89		22				0.03		<5				15		19						
E232	BL09186	0.02	1381		180				0.9		7				5		34						
E232	BL09187											16											189
E233	BL07901					384				0.06				<73				125				<10	
E233	BL07903	0.09	595		36	44			0.09	0.06	<5			<20	8		54					130	
E234	BL06536											15											148
E234	BL06535	0.95	865		53				0.26						135		25						
E235	BL06534	0.73	541		2	<2			3.08	1.7	15			<20	23		27					83	
E235	BL06598	0.49	9636		30	35			0.07	0.06	8			29	12		30					<10	
E235	BL06599	0.77	1693		135	160	0.018		1.5	1.5	9			<42	32		24					110	
E235	BL06596											65											272
E235	BL06597	0.05	213		4179	5520	0.578		2.28	2	39			42	10		35					160	
E235	BL06595	0.08	151		5384	6250	0.648		1.79	1.6	38			<20	10		<2					120	
E235	BL09182											20											166
E235	BL09183											15											241
E235	BL09225											16											125
E235	BL09226											56											156
E236	BL06730											12											119
E236	BL06783											28											232
E237	BL06395											16											139
E237	BL06396				3												13						
E237	BL06784											13											137
E238	BL06587	0.95	1512		2	<2			2.2	1.5	18			44	26		29					56	
E238	BL06586																						
E239	BL07916																	424					
E239	BL07917	0.1	712		<1				0.08		<5				10		9319						
E240	BL06288											13											183
E240	BL06289											32											314
E241	BL07926	2.09	1570		<1	<2			1.55	1.6	10			69	67		143					32	
E242	BL07921	0.24	1233		<1	<2			0.39	<0.05	<5			<20	14		>20000		2.02			<10	
E242	BL07922	2.58	10189		<1	4			0.08	0.11	<5			<20	17		168					<10	
E242	BL07923																						
E242	BL07924	2.1	8359		<1	13			0.11	0.09	<5			46	32		1567					<10	

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
E218	BL09319											674										
E219	BL07973			<5	11		18	<10	7.2	24	<200		1204	<100	2	1		<25	<20	8.1	0.31	
E219	BL07974											856										
E220	BL06721																					
E221	BL09316											655										
E222	BL08107																					
E223	BL07909			<5	3.1		33	<10	8.4	<20	<200		463	<100	1	1		<25	<20	7	0.48	
E223	BL07910																					
E224	BL07904				14		1.3	<10	1.2		<200				<1	<1			<20	3.4		
E224	BL07905				6		3.4	<10	0.6		<200				<1	<1			<20	1.8		
E225	BL07906			15	2.8		20	<10	4.3	<20	<200		272	<100	1	<1		<25	<20	4.7	0.54	
E225	BL07907			<5	3.2		20	<10	4.4	<20	<200		204	<100	<1	<1		<25	<20	4.8	0.57	
E225	BL07908			<5						<20			54				<10					
E226	BL06585			<5	1.6		17	<10	7.6	39	<200		234	<100	5	2		<25	<20	14	0.56	
E226	BL06584			<5						<20			32				<10					
E227	BL06782											178										
E228	BL06398																					
E229	BL06399											277										
E230	BL06397											164										
E231	BL09184											229										
E232	BL07902											280										
E232	BL09185			<5						<20			<1	<100				<25			<0.01	
E232	BL09186			<5						<20			43	<100				<25			0.01	
E232	BL09187											21										
E233	BL07901				<13		<1	<60	<0.5		<1200				<6	<2			<130	<4.7		
E233	BL07903			41	14		6.4	<10	4.3	<20	<200		47	<100	<1	<1		<25	<20	13	0.09	
E234	BL06536											236										
E234	BL06535			<5						<20			82				<10					
E235	BL06534			6	3.3		11	<10	7.1	<20	<200		235	<100	1	1		<25	<20	16	0.27	
E235	BL06598			26	20.4		1.9	<10	1.9	56	<200		105	<100	<1	<1		<25	<20	6.8	0.07	
E235	BL06599			8	1.3		18	<22	8.4	<20	<470		549	<100	2	<1		<25	<50	12	0.31	
E235	BL06596											143										
E235	BL06597			<5	0.6		2.6	<10	3.6	<20	<200		36	<100	6	3		32	<20	35	0.02	
E235	BL06595			<5	0.8		2.7	<10	2.2	<20	<200		77	<100	3	2		28	<20	17	0.05	
E235	BL09182											188										
E235	BL09183											50										
E235	BL09225											281										
E235	BL09226											187										
E236	BL06730											210										
E236	BL06783											26										
E237	BL06395											150										
E237	BL06396			<5																		
E237	BL06784											264										
E238	BL06587			13	0.6		18	<10	5.4	21	<200		168	<100	2	<1		<25	<20	11	0.56	
E238	BL06586																					
E239	BL07916					37.65																
E239	BL07917			521						<20			33	<100				<25			0.02	3
E240	BL06288											119										
E240	BL06289											32										
E241	BL07926			<5	5.8		22	<10	7	<20	<200		417	<100	2	1		<25	<20	13	0.46	
E242	BL07921			277	169		0.6	<10	0.2	<20	<200		34	<100	<1	<1		<25	<20	<0.5	<0.01	<0.1
E242	BL07922			131	211		3	<10	1.1	<20	<200		384	<100	<1	<1		<25	<20	<0.5	0.06	
E242	BL07923																					
E242	BL07924			54	35.1		4.1	<10	1.6	<20	<200		118	<100	<1	<1		<25	<20	1	0.07	<0.1

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E218	BL09319								33								221	67.46	0.46	15.52	0.66	0.71
E219	BL07973	2.9	132		<20	<2		13		<5	142	<200			<5	<500						
E219	BL07974								23								222	62.59	0.53	14.25	1.01	2.01
E220	BL06721																					
E221	BL09316								28								190	67.61	0.36	15.04	1.81	1.22
E222	BL08107																					
E223	BL07909	2.2	222		<20	<2		20		<5	115	<200			<5	<500						
E223	BL07910																					
E224	BL07904	3.1				5				<5		<200				<500						
E224	BL07905	0.9				9				<5		<200				<500						
E225	BL07906	1.5	154		<20	6		14		<5	85	<200			25	<500						
E225	BL07907	1.4	148		<20	2		15		<5	96	<200			<5	<500						
E225	BL07908		78		<20			10			118											
E226	BL06585	3.2	86		<20	14		24		<5	53	<200			5	590						
E226	BL06584		34		<20			8			74											
E227	BL06782								36								119	70.28	0.3	14.26	0.44	1.8
E228	BL06398																					
E229	BL06399								33								166	65.73	0.47	15.06	<0.01	23.64
E230	BL06397								43								147	72.06	0.21	13.45	0.74	1.22
E231	BL09184								36								186	70.08	0.31	15.09	1.23	1.87
E232	BL07902								14								177	63.48	0.5	14.45	1.48	2.21
E232	BL09185		<2		470		1.87	<5			<2											
E232	BL09186		<2		<20			7			8											
E232	BL09187								54								55	78.63	<0.01	11.95	0.18	0.19
E233	BL07901	<18				16600	1.69			<12		<200		15		<4300						
E233	BL07903	6.1	26		<20	24		15		<5	183	220			17	<500						
E234	BL06536								28								145	69.69	0.35	14	1.08	1.75
E234	BL06535		89		<20			16			88											
E235	BL06534	2.4	76		<20	5		17		<5	65	<200			29	<500						
E235	BL06598	2.3	47		926	2180		<5		<5	604	660			17	<500						
E235	BL06599	5.8	68		1170	7200	0.79	17		<5	76	<200			6	2300						
E235	BL06596								33								58	75.97	0.14	12.37	0.64	1.04
E235	BL06597	6.8	5		136	684		15		<5	3	<200			29	<500						
E235	BL06595	4.8	9		276	436		10		<5	<2	<200			23	<500						
E235	BL09182								71								83	73.75	0.2	13.54	0.63	1.1
E235	BL09183								56								57	76	0.1	13.24	0.44	0.51
E235	BL09225								23								27	74.24	0.02	14.03	0.48	0.32
E235	BL09226								40								111	74.34	0.16	12.59	2.11	0.39
E236	BL06730								28								99	73.56	0.16	13.5	0.58	0.96
E236	BL06783								48								78	75.26	0.04	12.42	0.27	0.51
E237	BL06395								42								142	73.63	0.17	13.5	0.7	1.03
E237	BL06396										61											
E237	BL06784								37								158	68.95	0.37	14.54	0.86	1.8
E238	BL06587	2.7	65		<20	2		25		6	50	<200			34	660						
E238	BL06586																					
E239	BL07916													150								
E239	BL07917		13		<20			<5			2166				<5							
E240	BL06288								36								122	73.98	0.15	12.88	0.68	0.96
E240	BL06289								78								81	76.01	0.06	12.78	0.36	0.51
E241	BL07926	4.1	192		<20	19		15		<5	309	300			5	610						
E242	BL07921	2	8		<20	31		<5		<5	2813	3200			<5	<500						
E242	BL07922	4.7	25		<20	16		<5		<5	280	310			<5	<500						
E242	BL07923																					
E242	BL07924	7.3	29		79	150		6		<5	493	550			12	<500						

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E218	BL09319	1.44	0.06	1.19	2.67	3.11	5.19	0.2	2.83	100.13
E219	BL07973									
E219	BL07974	3.24	0.07	2.15	3.13	3.32	5.82	0.35	4.46	99.91
E220	BL06721									
E221	BL09316	3.17	0.09	0.9	2.9	3.22	3.72	0.12	2.7	99.83
E222	BL08107									
E223	BL07909									
E223	BL07910									
E224	BL07904									
E224	BL07905									
E225	BL07906									
E225	BL07907									
E225	BL07908									
E226	BL06585									
E226	BL06584									
E227	BL06782	2.45	0.05	1.04	2.43	2.86	4.4	0.08	0.8	98.74
E228	BL06398									
E229	BL06399	3.98	0.09	1.33	3.44	2.78	3.46	0.13	1.48	117.61
E230	BL06397	2.1	0.06	0.43	1.84	3.71	3.32	0.06	0.89	97.99
E231	BL09184	3.31	0.09	0.96	2.77	3.46	3.13	0.04	0.59	99.83
E232	BL07902	3.94	0.11	1.06	3.85	2.98	2.98	0.23	6.4	99.98
E232	BL09185									
E232	BL09186									
E232	BL09187	0.39	<0.01	0.04	0.4	2.98	4.63	<0.03	0.68	99.7
E233	BL07901									
E233	BL07903									
E234	BL06536	3.02	0.07	0.81	2.5	3.36	3.84	0.18	1.86	99.68
E234	BL06535									
E235	BL06534									
E235	BL06598									
E235	BL06599									
E235	BL06596	1.8	0.04	0.2	1.01	3.09	5.19	0.08	0.48	100.37
E235	BL06597									
E235	BL06595									
E235	BL09182	1.86	0.03	0.31	1.52	2.8	5.12	<0.03	0.29	99.42
E235	BL09183	1.01	0.06	0.12	0.78	3.73	4.67	0.08	0.6	100.39
E235	BL09225	0.83	0.02	0.05	1.77	3.35	4.59	<0.03	0.5	99.4
E235	BL09226	2.54	0.02	0.21	0.67	4.04	3.28	<0.03	1.43	99.28
E236	BL06730	1.64	0.04	0.38	1.91	3.18	3.72	0.04	1	99.03
E236	BL06783	0.83	0.04	0.08	0.49	3.77	4.55	0.05	0.99	98.47
E237	BL06395	1.85	0.06	0.32	1.57	3.9	3.59	0.05	1.05	99.57
E237	BL06396									
E237	BL06784	2.86	0.08	0.96	2.61	3.41	3.32	0.1	0.95	97.95
E238	BL06587									
E238	BL06586									
E239	BL07916									
E239	BL07917									
E240	BL06288	1.75	0.05	0.29	1.21	2.82	4.85	0.1	1.98	99.95
E240	BL06289	0.92	0.1	0.09	0.59	3.54	4.56	0.03	0.65	99.28
E241	BL07926									
E242	BL07921									
E242	BL07922									
E242	BL07923									
E242	BL07924									

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E242	BL07925	Iron Creek	64	03.867	143	13.158	R
E243	BL06724		64	02.263	143	09.577	R
E243	BL06725		64	02.263	143	09.577	R
E244	BL06392		64	01.900	143	08.500	R
E245	BL06793		64	02.323	143	08.646	R
E245	BL06794		64	02.323	143	08.646	R
E246	BL06723		64	02.500	143	06.100	R
E246	BL06290		64	02.084	143	04.533	R
E246	BL06291		64	02.084	143	04.533	R
E246	BL06776		64	02.084	143	04.533	R
E248	BL06363		64	01.940	142	57.900	R
E249	BL06282	Middle Fork	64	04.095	143	05.912	R
E250	BL06283	Middle Fork	64	04.290	143	05.451	R
E250	BL06284		64	04.262	143	05.790	R
E251	BL06777	Mitchell Copper	64	05.280	143	02.418	R
E252	BL07983	Mitchell Copper	64	05.496	143	01.617	R
E252	BL07984	Mitchell Copper	64	05.434	143	01.844	R
E252	BL07982	Mitchell Copper	64	05.433	143	02.152	R
E253	BL06389	Mitchell Copper	64	06.110	143	01.560	R
E253	BL06390		64	06.110	143	01.560	R
E254	BL08104	Eva Creek	64	05.345	143	10.811	R
E255	BL08105	Eva Creek	64	05.640	143	11.059	R
E256	BL07920		64	06.386	143	11.845	PC
E256	BL07918	Eva Creek	64	06.386	143	11.845	R
E256	BL07919	Eva Creek	64	06.386	143	11.845	R
E256	BL08106	Eva Creek	64	06.533	143	11.814	R
E257	BL08101	Norvell Creek	64	07.162	143	08.555	R
E258	BL07915		64	07.766	143	12.534	R
E259	BL07914		64	07.796	143	10.848	R
E259	BL07913		64	07.691	143	10.506	R
E260	BL08102	Norvell Creek	64	07.806	143	09.826	R
E261	BL07912		64	07.833	143	09.708	PC
E261	BL07911		64	07.833	143	09.708	R
E262	BL06336	Norvell Creek	64	07.963	143	09.256	R
E263	BL08103	Norvell Creek	64	08.970	143	08.847	R
E264	BL07947		64	08.762	142	56.270	R
E265	BL06286		64	01.171	142	50.747	R
E266	BL06285		64	00.920	142	50.536	R
E267	BL06594		64	02.400	142	44.947	PC
E267	BL06593		64	02.400	142	44.947	SS
E268	BL07946		64	01.069	142	30.521	R
E270	BL06729		64	02.750	142	31.350	R
E270	BL06525		64	06.390	142	35.672	PC
E271	BL06778		64	08.808	142	43.465	R
E272	BL06400		64	08.750	142	31.000	R
E273	BL06292		64	08.128	142	27.894	R
E273	BL06779		64	08.113	142	27.946	R
E274	BL06293		64	03.233	142	18.034	R
E274	BL06294		64	03.233	142	18.034	R
E274	BL06780		64	03.101	142	17.976	R
E274	BL06781		64	03.010	142	18.011	R
E275	BL08126		64	00.761	142	18.603	R
E276	BL08127		64	00.332	142	15.476	R
E277	BL08128		64	00.453	142	14.243	R

Map number	Sample number	Description
E242	BL07925	Calcareous biotite gneiss which has been partially altered to chlorite-epidote. 5% knots of pyrite and magnetite are found with coarser epidote.
E243	BL06724	Massive lineated hornblendite; trace pyrrhotite and chalcopyrite;TMzm of Foster; CI=95
E243	BL06725	Coarse-grained strongly lineated diorite; TMzm of Foster; CI=60
E244	BL06392	Fine to coarse-grained, seriate-textured granite; green plagioclase; chloritized mafic minerals; smokey quartz
E245	BL06793	Specimens: 1) granodiorite (TMzg) with lineated hornblende diorite? xenoliths (TMzm), 2) TMzm cut by Mt. Veta syenite (Js), 3) TMzm with quartzite xenoliths, and 4)TMzm cut by magnetite-bearing aplite and pegmatite
E245	BL06794	Fine- to medium-grained, equigranular granodiorite
E246	BL06723	Biotite, hornblende granodiorite
E246	BL06290	Hornblende quartz diorite
E246	BL06291	Medium-grained equigranular granite; intrudes BL06290
E246	BL06776	Quartz, K-spar porphyritic biotite, felsic intrusive; chloritized biotite, intrudes quartz diorite
E248	BL06363	Weakly foliated or lineated equigranular, medium-grained, biotite syenite; cross cut by K-spar-rich dikes
E249	BL06282	Glassy, aphanitic, grey-colored felsic plug; thin wisps of altered mafic minerals
E250	BL06283	Medium-grained, equigranular granite to granodiorite
E250	BL06284	Fault zone; quartz veined breccia with cockscomb quartz, trace galena and pyrite
E251	BL06777	Biotite, hornblende, quartz diorite to granodiorite; slight lineation of hornblende; biotites are fresh and cross-cut lineation of hornblende
E252	BL07983	Massive wad-geothite gossan with minor Cu-staining.
E252	BL07984	Garnet skarn with up to 5% bornite.
E252	BL07982	Disseminated to semi-massive bornite(10%) in greenish garnet skarn.
E253	BL06389	Flow-banded, hornblende-bearing felsic dike; possibly the same dike that cross cuts the Mitchell skarn
E253	BL06390	Biotite, hornblende granodiorite; chloritized amphibole;granite?
E254	BL08104	Quartz, feldspar, hornblende, biotite schist with abundant disseminated pyrite and trace chalcopyrite
E255	BL08105	Granular quartz, biotite, hornblende rock with 5-10% pyrite; occurs as veins in quartz, hornblende, feldspar gneiss
E256	BL07920	Panned concentrate of gossany soil from trench bottom.
E256	BL07918	Select of galena(50%), tetrahedrite(5%) in calcareous, boxwork gossan.
E256	BL07919	Epidote veining and alteration of biotite-chlorite-feldspar schist.
E256	BL08106	Massive, dark green, medium-grained, equigranular, hornblende, feldspar, epidote rock; abundant disseminated pyrite; a compositional layer in gneiss
E257	BL08101	Fine-grained dunite with disseminated magnetite and chromite?
E258	BL07915	Galena in boxwork gossan associated with marble and carbonate veins.
E259	BL07914	Sulfidic biotite-amphibole schist. Total sulfides 5%: pyrrhotite, pyrite, (chalcopyrite).
E259	BL07913	Amphibole gneiss.
E260	BL08102	Serpentinized peridotite with hobnail weathered surface; abundant magnetite
E261	BL07912	Panned concentrate.
E261	BL07911	Ultramafic with magnetite and trace pyrrhotite.
E262	BL06336	Banded or layered metagabbro or metadiorite; trace pyrrhotite and chalcopyrite; locally has feldspar augen and quartz veinlets; TMzm of Foster ?
E263	BL08103	Sucrous textured, pyritic granite dike in quartz-biotite schist
E264	BL07947	Pyritic (7%) greenstone; Pzg.
E265	BL06286	Medium-grained hornblende, biotite quartz diorite; weak lineation of mafic minerals
E266	BL06285	Medium-grained lineated hornblende, biotite diorite
E267	BL06594	Panned concentrate.
E267	BL06593	Stream sediment.
E268	BL07946	Magnetite-bearing amphibolite found as roof pendant in Mt. Taylor batholith.
E270	BL06729	Fine-grained, equigranular hornblende, biotite granodiorite
E270	BL06525	Panned concentrate.
E271	BL06778	Hornblende, biotite granodiorite; seriate fine to medium-grained; no alignment; Ghost phenocrysts?
E272	BL06400	Equigranular, lineated, biotite, hornblende, quartz diorite to granodiorite; large, cryptic, K-spar phenocrysts grown through fabric of rock
E273	BL06292	Medium-grained equigranular, layered or lineated hornblende diorite; CI=80; disseminated pyrrhotite, magnetite, trace chalcopyrite
E273	BL06779	Strongly lineated or layered medium-grained hornblende diorite
E274	BL06293	Kspar, quartz porphyry granite dike; similar to BL06290, BL06284, BL06373, and drill core from Peternie prospect
E274	BL06294	Hornblende, K-spar porphyry with fine to aphanitic matrix
E274	BL06780	Hornblende, quartz diorite; large sphene grains; locally lineated; chlorite alteration of hornblende
E274	BL06781	Medium-grained, lineated hornblende, quartz diorite; coarse sphene
E275	BL08126	Ilmenite-magnetite, biotite, pyroxene syenite
E276	BL08127	Mafic, diorite xenolith in Taylor Mountain granodiorite
E277	BL08128	Feldspar, hornblende porphyry dacite; chloritized hornblende, no quartz; trace magnetite and pyrite

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E242	BL07925		<5					23	<5					460				9			<10	46
E243	BL06724										2				354							
E243	BL06725										<1				789							
E244	BL06392														995							
E245	BL06793														961							
E245	BL06794																					
E246	BL06723																					
E246	BL06290														1070							
E246	BL06291														1442							
E246	BL06776														1427							
E248	BL06363														651							
E249	BL06282														1490							
E250	BL06283														1108							
E250	BL06284	>50		1.55			28					13				94						
E251	BL06777														821							
E252	BL07983	>50	140	3.02		2.16	>2000	2360	350				136	300		365		<53	0.33	102.3	140	<36
E252	BL07984	5.1	8			2.5	<5	56	13				329	350		336		1	>10	<2	<10	<10
E252	BL07982	>50	230	5.57		0.83	<5	53	1020				38	<100		>2000	0.206	2	>10	<2	<10	31
E253	BL06389																					
E253	BL06390														1462							
E254	BL08104	<0.2					<5					53				5						
E255	BL08105	0.2					<5					14				5						
E256	BL07920	>50	230	8.16		2.16	111	177	31				404	390		86		<38	5.42	712	810	<37
E256	BL07918	2.1		0.11		1.84	23			<0.001			48			<5			1.01	<2		
E256	BL07919		>300	32.38				126	65					<420				<42			920	<83
E256	BL08106										2											
E257	BL08101										<1				93							
E258	BL07915	>50	>300	9.44		0.44	105	60	724	0.026			34	<230		127	<1	<26	0.44	1214.2	1490	<37
E259	BL07914	<0.5	<5			2.5	19	3	<5				842	860		15		<1	3.97	<2	<10	22
E259	BL07913		6					2	5					400				<1			<10	11
E260	BL08102										2											
E261	BL07912	<0.5				1.39	<5				12		178			24			1.64	<2		
E261	BL07911	<0.5				0.63	52				<1		89			34			0.44	<2		
E262	BL06336										3				138							
E263	BL08103	0.3					<5					<5				<5						
E264	BL07947		<5	2.81				13	<5	0.156				170		5		<1			<10	31
E265	BL06286														1062							
E266	BL06285														959							
E267	BL06594	<0.5	<5			1.33	<5	4	32				704	750		12		<1	4.77	<2	<10	140
E267	BL06593	<0.2				2.34	<5						174			6			1.51	<1		
E268	BL07946														581							
E270	BL06729														582							
E270	BL06525	<0.5	<5			2.37	<5	5	270				583	660		40	<1	<1	4.13	<2	<10	57
E271	BL06778														1257							
E272	BL06400																					
E273	BL06292										3				128							
E273	BL06779														67							
E274	BL06293														1438							
E274	BL06294														1472							
E274	BL06780														969							
E274	BL06781														966							
E275	BL08126																					
E276	BL08127														1097							
E277	BL08128														1083							

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E242	BL07925			<10		220	<1				<2		1.9		5		<100			30		<0.5
E243	BL06724																					
E243	BL06725																					
E244	BL06392																					
E245	BL06793																					
E245	BL06794																					
E246	BL06723																					
E246	BL06290																					
E246	BL06291																					
E246	BL06776																					
E248	BL06363																					
E249	BL06282																					
E250	BL06283																					
E250	BL06284		127													0.028						
E251	BL06777																					
E252	BL07983		6	<10	118	230	4	3295	0.31		<2	<0.01	>10	31	<2	0.188	<100	0.53	<5	<5	120	<0.5
E252	BL07984		39	53	73	65	<1	3162	0.26		<2	<0.01	>10	33	2	<0.01	<100	0.06	7	10	7	<0.5
E252	BL07982		11	11	95	98	<1	>20000	6.48		3	<0.01	>10	44	<2	<0.01	<100	0.01	<5	9	<2	<0.5
E253	BL06389																					
E253	BL06390																					
E254	BL08104		31													<0.01						
E255	BL08105		59													<0.01						
E256	BL07920		16	24	194	160	<1	987			<2	3.01	5.3	22	<2		<100	0.65	25	36	7	<0.5
E256	BL07918		7		127			10				1.34		<10				0.64	<5		<2	
E256	BL07919			<10		<230	<2		0.18				<0.5				<250			<5		<1.6
E256	BL08106																					
E257	BL08101																					
E258	BL07915		3	<10	70	<120	<1	571			<2	1.16	0.7	<10	<2	13.313	<100	0.1	<5	<5	11	<0.7
E259	BL07914		19	23	95	110	<1	57			<2	2.53	6.8	28	3		<100	1.2	5	16	6	<0.5
E259	BL07913			<10		120	<1				<2		0.8		4		<100			6		<0.5
E260	BL08102																					
E261	BL07912		89		3748			11				1.38		18				0.15	<5		5	
E261	BL07911		101		965			5				2.5		15				0.05	<5		<2	
E262	BL06336																					
E263	BL08103		147																			
E264	BL07947			40		58	1				<2		8.5		3	<0.01 0.021	<100			10		0.8
E265	BL06286																					
E266	BL06285																					
E267	BL06594		11	17	199	220	<1	25			3	3.09	7.4	24	25		<100	0.75	46	60	6	1.3
E267	BL06593		14		248			30				3.56						0.18	16			
E268	BL07946																					
E270	BL06729																					
E270	BL06525		32	29	467	630	<1	11			3	<0.01	>10	41	15		<100	0.99	17	29	9	1.1
E271	BL06778																					
E272	BL06400																					
E273	BL06292																					
E273	BL06779																					
E274	BL06293																					
E274	BL06294																					
E274	BL06780																					
E274	BL06781																					
E275	BL08126																					
E276	BL08127																					
E277	BL08128																					

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E242	BL07925					3				3.4				35								53	
E243	BL06724											5								<1	6		49
E243	BL06725											7								<1	<5		41
E244	BL06392											11											164
E245	BL06793											14											133
E245	BL06794																						
E246	BL06723																						
E246	BL06290											9											32
E246	BL06291											9											126
E246	BL06776											11											159
E248	BL06363											<5											82
E249	BL06282											12											137
E250	BL06283											15											176
E250	BL06284				92												4241						
E251	BL06777											13											42
E252	BL07983	0.19	649		117	110			0.05	<0.05	<5			94	12		>10000		1.16			68	
E252	BL07984	1.75	6923		5	<2			0.23	0.1	<5			<20	30		242					<10	
E252	BL07982	0.78	2531		<1	<2			0.05	<0.05	111			69	42		178					<10	
E253	BL06389																						
E253	BL06390											10											135
E254	BL08104				9												3						
E255	BL08105				6												4						
E256	BL07920	2.72	4813		89	<4			0.61	0.84	29			<59	29		>10000		6.56			59	
E256	BL07918	0.62	68		<1				1.89		<5				3		549		0.22				
E256	BL07919									<0.15				<87								<41	
E256	BL08106																			<1	<5		
E257	BL08101											11								<1	<5		8
E258	BL07915	0.25	872		118	<4			0.04	<0.05	<5			<65	6		>10000		39.54			<26	
E259	BL07914	1.45	652		<1	<2			4.31	3.7	13			<20	28		54					33	
E259	BL07913					<2				4.9				<20								<10	
E260	BL08102																			<1	<5		
E261	BL07912	10	1241		<1				0.24		<5				1682		20			3	<5		
E261	BL07911	10	882		3				0.14		<5				2213		35			2	<5		
E262	BL06336											16								<1	<5		4
E263	BL08103				13												3						
E264	BL07947					<2				3.6				<20					0.4			<10	
E265	BL06286											10											64
E266	BL06285											11											61
E267	BL06594	1.3	1312		<1	<2			2.63	2.5	58			<20	18		21					30	
E267	BL06593	0.81	720		4				0.14						27		8						
E268	BL07946											5											4
E270	BL06729											15											205
E270	BL06525	1.54	1325		<1	<2			1.94	1.5	<5			<20	36		39					22	
E271	BL06778											6											68
E272	BL06400																						
E273	BL06292											<5								<1	<5		5
E273	BL06779											<5											9
E274	BL06293											7											112
E274	BL06294											10											130
E274	BL06780											10											47
E274	BL06781											11											56
E275	BL08126																						
E276	BL08127											8											55
E277	BL08128											10											51

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
E242	BL07925				153		5.9	<10	3.6		<200				2	<1			<20	13		
E243	BL06724											442										
E243	BL06725											702										
E244	BL06392											206										
E245	BL06793											295										
E245	BL06794																					
E246	BL06723																					
E246	BL06290											1068										
E246	BL06291											581										
E246	BL06776											480										
E248	BL06363											526										
E249	BL06282											235										
E250	BL06283											461										
E250	BL06284			6																		
E251	BL06777											724										
E252	BL07983			413	612		4.6	<22	0.8	28	<540		16	<100	<1	<1	0.9	<25	<63	<1.8	0.1	0.6
E252	BL07984			38	11		16	<10	2.1	32	<200		521	<100	<1	<1		<25	<20	2.4	0.27	<0.1
E252	BL07982			<5	5.6		<0.5	53	2.7	36	<200		17	<100	<1	<1	8.5	<25	<20	<0.5	0.02	<0.1
E253	BL06389																					
E253	BL06390											596										
E254	BL08104			<5																		
E255	BL08105			<5																		
E256	BL07920			313	573		14	<10	5.1	73	<440		523	<100	<2	<1		<25	<51	3.8	0.83	
E256	BL07918			>2000						<20			123	<100				<25			0.08	
E256	BL07919				896		<1.2	<40	<0.2		<890				<1	<1			<140	<2.9		
E256	BL08106																					
E257	BL08101											44										
E258	BL07915			140	481		<0.5	<10	<0.2	78	<450		45	<100	<1	<1	<0.2	<25	<61	<1.9	0.02	0.4
E259	BL07914			8	9.3		23	<10	5.4	<20	<200		1211	<100	<1	<1		<25	<20	2.8	0.43	
E259	BL07913				3.2		5.5	<10	2.2		<200				<1	<1			<20	2		
E260	BL08102																					
E261	BL07912			<5						28			59	<100				<25			0.16	
E261	BL07911			<5						<20			6	<100				<25			<0.01	
E262	BL06336											649										
E263	BL08103			<5																		
E264	BL07947				7.8		35	<10	4.4		<200				<1	<1			<20	1.5		0.3
E265	BL06286											676										
E266	BL06285											622										
E267	BL06594			<5	1		18	<10	15	<20	<200		688	<100	7	2		<25	<20	10	1.31	
E267	BL06593			<5						<20			88				<10					
E268	BL07946											456										
E270	BL06729											245										
E270	BL06525			<5	1.1		22	<10	10	38	<200		538	<100	2	2	<0.2	<25	<20	5.6	0.93	
E271	BL06778											845										
E272	BL06400																					
E273	BL06292											300										
E273	BL06779											274										
E274	BL06293											796										
E274	BL06294											697										
E274	BL06780											671										
E274	BL06781											631										
E275	BL08126																					
E276	BL08127											697										
E277	BL08128											724										

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E242	BL07925	3.1				3				5		<200				<500						
E243	BL06724								17								31	45.83	1.55	13.85	3.69	6.3
E243	BL06725								17								42	56.46	0.63	17.74	3.01	3.09
E244	BL06392								30								118	74.4	0.15	13.03	0.72	0.9
E245	BL06793								33								136	67.19	0.46	15	1.52	1.93
E245	BL06794																					
E246	BL06723																					
E246	BL06290								12								94	64.97	0.37	18.08	1.71	1.09
E246	BL06291								22								170	69.45	0.37	14.8	1.3	1.29
E246	BL06776								25								164	70.36	0.34	14.64	1.02	1.22
E248	BL06363								21								93	54.6	0.7	17.69	3.65	3.92
E249	BL06282								32								179	72.47	0.13	14.25	0.8	0.84
E250	BL06283								32								156	67.23	0.4	14.69	1.48	1.74
E250	BL06284										398											
E251	BL06777								18								75	60.05	0.71	17.54	3.17	2.32
E252	BL07983	<1.2	58		<20	<11		<5		<11	5978	6400			<5	<500						
E252	BL07984	2.1	113		<20	13		<5		<5	1283	1400			19	<500						
E252	BL07982	6	31		<20	<2		8		<5	208	<200			106	<500						
E253	BL06389																					
E253	BL06390								23								176	69.16	0.4	14.55	1.12	1.48
E254	BL08104										88											
E255	BL08105										42											
E256	BL07920	<1.3	157		<20	<6		13		<15	>20000	>30000	8.21		<5	<500						
E256	BL07918		10		<20			<5			39				20							
E256	BL07919	<1.9				<10				<22		>30000	9.47			<1800						
E256	BL08106																					
E257	BL08101								48								190	37.3	0.01	0.7	5.77	3.02
E258	BL07915	2.8	5		144	<5		<5		<5	>20000	>30000	13.47		<5	<1100						
E259	BL07914	1.6	169		<20	<2		13		<5	124	<200			<5	<500						
E259	BL07913	1.2				6				<5		<200				<500						
E260	BL08102																					
E261	BL07912		239		<20			<5			111				<5							
E261	BL07911		31		<20			<5			51				<5							
E262	BL06336								35								247	47.72	2.75	14.35	5.57	6.82
E263	BL08103										104											
E264	BL07947	<0.5				<2				<5		200				<500						
E265	BL06286								16								54	62.04	0.5	17.49	2.18	2.25
E266	BL06285								18								88	62.49	0.53	17.08	2.28	2.06
E267	BL06594	4.9	215		<20	3		42		9	73	<200			21	1500						
E267	BL06593		103		<20			11			59											
E268	BL07946								13								26	37.61	1.89	15.16	12.85	9.21
E270	BL06729								33								149	68.99	0.37	15.16	0.83	1.67
E270	BL06525	2.8	487		<20	<2		25		<5	138	<200			8	<500						
E271	BL06778								17								99	63.93	0.42	15.91	1.87	2.06
E272	BL06400																					
E273	BL06292								35								123	45.89	2.57	13.76	6.26	8.59
E273	BL06779								10								7	47.45	0.33	18.46	2.01	2.77
E274	BL06293								21								111	68.39	0.3	15.51	1.6	1.03
E274	BL06294								26								146	66.23	0.4	15.13	2.36	1.61
E274	BL06780								17								81	61.45	0.48	17.03	2.1	2.06
E274	BL06781								18								84	62.9	0.44	17.12	2.12	1.67
E275	BL08126																					
E276	BL08127								19								88	56.33	0.59	16.37	2.94	3.8
E277	BL08128								24								118	57.66	0.65	16.83	3.89	3.02

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E242	BL07925									
E243	BL06724	10.69	0.17	10.51	10.35	2.12	1.63	0.24	2.09	98.33
E243	BL06725	6.44	0.16	2.49	6.93	4.14	1.89	0.25	1.13	97.92
E244	BL06392	1.72	0.05	0.3	0.78	3.41	5.01	0.03	0.9	99.68
E245	BL06793	3.67	0.09	1.27	3.32	3.09	3.55	0.12	0.74	98.28
E245	BL06794									
E246	BL06723									
E246	BL06290	2.92	0.06	1.09	4.05	5.66	1.69	0.16	0.49	99.42
E246	BL06291	2.73	0.04	1.09	2.73	3.3	3.83	0.11	0.85	99.16
E246	BL06776	2.38	0.04	0.84	1.31	3.5	4.39	0.1	2.23	99.99
E248	BL06363	8	0.18	3.5	6.99	3.02	2.93	0.27	1.64	99.09
E249	BL06282	1.73	0.07	0.24	0.95	4.02	4.3	0.09	0.8	98.96
E250	BL06283	3.41	0.07	1.46	3.1	2.9	4.46	0.18	1.14	98.85
E250	BL06284									
E251	BL06777	5.74	0.13	2.04	6.58	4.2	1.93	0.3	0.89	99.86
E252	BL07983									
E252	BL07984									
E252	BL07982									
E253	BL06389									
E253	BL06390	2.77	0.05	1.07	2.92	3.24	3.98	0.12	1.59	99.68
E254	BL08104									
E255	BL08105									
E256	BL07920									
E256	BL07918									
E256	BL07919									
E256	BL08106									
E257	BL08101	9.12	0.13	41.93	0.66	0.02	0.09	<0.03	8.95	98.58
E258	BL07915									
E259	BL07914									
E259	BL07913									
E260	BL08102									
E261	BL07912									
E261	BL07911									
E262	BL06336	13.15	0.15	4.3	12.37	0.7	0.18	0.47	2.59	97.97
E263	BL08103									
E264	BL07947									
E265	BL06286	4.68	0.12	1.64	5.46	3.97	2.47	0.19	0.55	98.86
E266	BL06285	4.57	0.12	1.63	5.04	4.01	2.54	0.23	0.84	98.85
E267	BL06594									
E267	BL06593									
E268	BL07946	23.09	0.27	5.26	10.52	1.4	0.69	0.15	5.14	101.19
E270	BL06729	2.69	0.06	0.99	2.55	3.21	4.03	0.12	1.24	99.22
E270	BL06525									
E271	BL06778	4.16	0.08	1.44	4.6	3.77	2.72	0.2	0.88	97.88
E272	BL06400									
E273	BL06292	15.8	0.23	6.04	10.97	1.9	0.16	0.15	1.85	98.37
E273	BL06779	5.09	0.1	7.49	14.21	1.96	0.32	<0.03	2.44	97.54
E274	BL06293	2.74	0.02	0.93	3.25	3.74	3.3	0.19	0.7	98.96
E274	BL06294	4.15	0.08	1.62	3.75	3.04	4.07	0.21	1.33	99.83
E274	BL06780	4.39	0.12	1.57	5.84	4.31	1.88	0.23	1.24	98.31
E274	BL06781	3.98	0.13	1.3	5.37	4.54	2.27	0.19	0.65	98.7
E275	BL08126									
E276	BL08127	7.17	0.16	3.4	6.26	2.82	2.05	0.26	3.14	98.12
E277	BL08128	7.25	0.18	2.29	5.84	3.03	1.85	0.29	2.38	97.91

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E278	BL28412		64	01.001	142	06.524	R
E279	BL09104	Mt. Warbelow	64	15.003	142	04.400	R
E280	BL09603	Ingle Creek	64	04.465	142	01.333	R
E280	BL09604	Ingle Creek	64	04.465	142	01.333	R
E280	BL06719	Ingle Creek	64	04.465	142	01.333	R
E280	BL06720	Ingle Creek	64	04.465	142	01.333	R
E280	BL06726	Ingle Creek	64	04.465	142	01.333	R
E281	BL06728	Lilliwig Creek	64	05.370	142	02.086	R
E282	BL09105	Lilliwig Creek	64	05.744	142	02.045	R
E282	BL09106	Lilliwig Creek	64	05.744	142	02.045	R
E282	BL09224	Lilliwig Creek	64	05.744	142	02.045	R
E282	BL09409	Lilliwig Creek	64	05.744	142	02.045	R
E282	BL09601	Lilliwig Creek	64	05.744	142	02.045	R
E282	BL09602	Lilliwig Creek	64	05.744	142	02.045	R
E283	BL06727	Lilliwig Creek	64	06.064	142	02.475	R
E284	BL09405		64	10.195	142	12.894	R
E285	BL06378	Mt. Warbelow	64	15.798	142	10.372	R
E285	BL06789	Mt. Warbelow	64	15.798	142	10.372	R
E286	BL09249	Fortyfive Pup	64	14.157	142	06.181	R
E287	BL09248	Fortyfive Pup	64	13.901	142	04.490	R
E288	BL09147	Fortyfive Pup	64	13.677	142	03.931	R
E288	BL09251	Fortyfive Pup	64	13.600	142	04.000	R
E289	BL09148	Fortyfive Pup	64	13.022	142	03.848	R
E289	BL09247	Fortyfive Pup	64	13.022	142	03.948	R
E290	BL09107	Franklin Creek	64	09.678	141	55.238	R
E291	BL28401	Purdy Prospect	64	06.980	141	56.800	R
E291	BL28402	Purdy Prospect	64	06.980	141	56.800	R
E291	BL28763	Purdy Prospect	64	06.980	141	56.806	R
E291	BL28764	Purdy Prospect	64	06.980	141	56.806	R
E291	BL28765	Purdy Prospect	64	06.937	141	56.577	R
E291	BL09120	Purdy Prospect	64	06.980	141	56.806	R
E292	BL28411		64	03.798	141	55.311	R
E293	BL28761	Lost Chicken Creek	64	04.057	141	54.318	R
E293	BL28413	Lost Chicken Creek	64	04.048	141	54.234	R
E293	BL28762	Lost Chicken Creek	64	04.048	141	54.234	R
E294	BL28759		64	04.417	141	52.468	R
E294	BL28760		64	04.417	141	52.468	R
E294	BL28393	Highway Cu	64	04.363	141	52.571	R
E294	BL28394	Highway Cu	64	04.363	141	52.571	R
E294	BL28752	Highway Cu	64	04.363	141	52.571	R
E294	BL28753	Highway Cu	64	04.363	141	52.571	R
E294	BL28754	Highway Cu	64	04.363	141	52.571	R
E294	BL28755	Highway Cu	64	04.363	141	52.571	R
E294	BL28756	Highway Cu	64	04.363	141	52.571	R
E294	BL28395	Highway Cu	64	04.230	141	52.501	PC
E294	BL28396	Highway Cu	64	04.230	141	52.501	R
E294	BL28397	Highway Cu	64	04.230	141	52.501	R
E294	BL28398	Highway Cu	64	04.230	141	52.501	R
E294	BL28399	Highway Cu	64	04.230	141	52.501	R
E294	BL28400	Highway Cu	64	04.230	141	52.501	R
E294	BL28757	Highway Cu	64	04.230	141	52.501	R
E295	BL28758		64	04.034	141	50.102	R
E296	BL06372		64	03.000	141	31.500	R
E297	BL28766		64	05.122	141	38.165	R

Map number	Sample number	Description
E278	BL28412	Medium-grained equigranular biotite-hornblende granodiorite
E279	BL09104	Calc-silicate pyroxene and calcite skarn with malachite stain; 1% sphalerite
E280	BL09603	Gossany, deeply weathered, quartz porphyry dike?
E280	BL09604	Argillic pyrite-quartz altered granitic rock
E280	BL06719	Medium-grained, equigranular, hornblende, biotite granodiorite; JTrg?; weak chloritization; lineated hornblende
E280	BL06720	Plagioclase porphyry dacite dike; intrudes BL06719
E280	BL06726	Grab sample of quartz veined, brecciated zone in dike (BL06720); est. width is 3.1 to 3.2 m; 5-10% coarse pyrite occurs with quartz
E281	BL06728	Greenstone; Ketchumstuk Mtn. related?
E282	BL09105	Rhyolite tuff; cherty, finely banded and green colored with 1.2 cm quartz vein and <1% pyrite
E282	BL09106	Granodiorite with 2.4cm quartz vein with trace pyrite and pink K-spar veins with trace chalcopyrite
E282	BL09224	Float sample of Tertiary rhyolite
E282	BL09409	Vein quartz with Fe-oxide boxworks from stream cobbles
E282	BL09601	Pyrite - quartz veined Purdy granodiorite
E282	BL09602	Massive quartz-pyrite vein cross cut by late calcite vein
E283	BL06727	Select sample of quartz-pyrite vein in pyrite-epidote-altered hornblende-biotite granodiorite
E284	BL09405	Meta-rhyolite intercalated within amphibole gneiss
E285	BL06378	3-cm-thick quartz vein cross-cuts granite; greisen-like coarse white mica lines vein selvage; Little wall-rock alteration.
E285	BL06789	Coarse-grained, non-porphyritic biotite granite
E286	BL09249	Pyritic, hornfelsed biotite quartzite w/ quartz stockworks cutting normal to foliation; pyrite and limonite
E287	BL09248	Metarhyolite w / 5-7 pct pyrite; possible metamorphosed VMS occurrence
E288	BL09147	Aplite w/ granular texture in schist; accessory pyrite and limonite
E288	BL09251	Pegmatite w/ muscovite books averaging 0.5 cm and as large as 2.5 cm
E289	BL09148	Skarn with green garnet, epidote, calcite, and trace galena; sample width is 30cm
E289	BL09247	Calc-silicate hornfels (skarn?); green pyroxene, green garnet and quartz plus calcite
E290	BL09107	Stream cobble of light tan silicified fault gouge
E291	BL28401	Carbonate veins with pyrite and minor chalcopyrite in quartz-mica schist; minor chlorite rossettes along selvages.
E291	BL28402	Pyrite-tetrahedrite-chalcopyrite in poly-carbonate vein
E291	BL28763	Quartz-chlorite altered schistose rock with 1% pyrite and chalcopyrite in irregular quartz veining.
E291	BL28764	Biotite-hornblende, pink K-feldspar-phyric adamellite
E291	BL28765	Biotite-hornblende, white K-feldspar-phyric adamellite
E291	BL09120	Calcite-chlorite vein in Fe-stained chlorite schist/hornfels; 3cm-wide veinlet with pyrite and gold?
E292	BL28411	Fine- to medium-grained, equigranular biotite-hornblende granodiorite
E293	BL28761	Coarse-grained carbonate vein in greenstone; vein width is 8 cm.
E293	BL28413	Massive, 8 cm thick, coarse-grained, white carbonate vein in sheared diorite.
E293	BL28762	Foliated quartz monzodiorite.
E294	BL28759	Quartz vein, 4 cm thick, in quartz monzodiorite; vein contains 2-5% pyrite; epidote-chlorite alteration up to 1m from vein.
E294	BL28760	Granodiorite with epidote filled hairline fractures; pyritic alteration halos as much as 1 cm from fractures; weak porphyritic texture.
E294	BL28393	Epidote-chlorite-altered greenstone with 1% disseminated pyrite-sphalerite-chalcopyrite.
E294	BL28394	Quartz vein in propylitically-altered greenstone with 2-3% total sulfides; pyrite-sphalerite-chalcopyrite.
E294	BL28752	Banded milky-white quartz vein with bands of epidote; two generations of quartz; <1% pyrite and sphalerite(?)
E294	BL28753	Pyritic, quartz-veined greenstone with 1-2% pyrite.
E294	BL28754	Propylitically-altered, brecciated greenstone; carbonate veining with minor chalcopyrite.
E294	BL28755	Quartz vein with 1% pyrite and epidote alteration along vein margins in greenstone; vein width is 3.7 cm.
E294	BL28756	Coarse-grained white carbonate vein in greenstone; vein width is 0.5 - 2.5 cm.
E294	BL28395	Panned concentrate of white clay bed in suction dredge cut
E294	BL28396	4-5cm-wide pegmatite vein with 1-2% pyrite-chalcopyrite.
E294	BL28397	Selvages and gouge from shear in left fork of adit.
E294	BL28398	Orange fault gouge adjacent to malachite-stained quartz vein (sample BL28399)
E294	BL28399	Malachite-stained quartz vein .
E294	BL28400	Quartz vein with propylitically-altered selvage and trace sulfide.
E294	BL28757	Vuggy quartz vein with 1% pyrite-tetrahedrite-chalcopyrite-sphalerite; multiple generations of quartz
E295	BL28758	Biotite-hornblende granite dike; seriate texture, K-feldspar slightly porphyritic and pink; plagioclase appears sausseritized.
E296	BL06372	Very coarse-grained metamorphosed biotite, quartz monzonite; 3-cm-wide saucer-shaped clots of lineated, porphyroblastic biotite
E297	BL28766	Medium-grained equigranular biotite-amphibole quartz monzonite; minor chlorite-epidote filled fractures with pyrite halos.

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E278	BL28412														1437							
E279	BL09104	1.6					<5					57				<5						
E280	BL09603	2.1				3.7	8			0.005		150	964			27			0.18	3.2		
E280	BL09604	0.7				3.67	56			0.014		510	264			68			0.07	<2		
E280	BL06719														1346							
E280	BL06720														1168							
E280	BL06726	0.7					262					1049				16						
E281	BL06728																					
E282	BL09105	<0.2					<5					31				<5						
E282	BL09106	<0.2					<5					<5				<5						
E282	BL09224														1529							
E282	BL09409	1.7					<5					34				18						
E282	BL09601	0.3				8.08	<5			0.003		115	1710			<5			2.3	<2		
E282	BL09602	0.3				2.64	<5			0.005		170	245			45			1.46	<2		
E283	BL06727	0.4					<5					381				25						
E284	BL09405																					
E285	BL06378	1.4					<5					221				<5						
E285	BL06789														86							
E286	BL09249	<0.5				1.63				<.001			295			<5			0.16	3.4		
E287	BL09248	<0.5				6.14				<.001			282			<5			8.48	2		
E288	BL09147	<0.5				6.61				<.001			1061		1832	<5			1.04	<2		
E288	BL09251	<0.5				5.04							300		1515	<5			0.26	3.3		
E289	BL09148	<0.2				3.58	<5					<5	151			<5			6.58	<2		
E289	BL09247	<0.2				2.99	<5			<.001		<5	1576			<5			10	3.3		
E290	BL09107	<0.2					<5					<5				<5						
E291	BL28401	<0.5	<5	0.06		5.65	<5	26	11				1500	1800		40		<1	8.5	<2	<10	81
E291	BL28402	27.3	24	0.72		0.61	<5	85	<34				43	<370		38		<4	>10	<2	<46	<40
E291	BL28763	5.9	<5			3.28	>2000	3920	1380				376	440		8	10	9	1.86	<2	<29	<29
E291	BL28764														2057							
E291	BL28765														2055							
E291	BL09120	<0.2					<5					<5				<5						
E292	BL28411														1231							
E293	BL28761	2.1	<5			0.48	17	<1	<5				71	<100		10		<1	>10	<2	<10	13
E293	BL28413		<5					2	<5					<100				<1			<10	<10
E293	BL28762																					
E294	BL28759	12.1	<5			0.82	61	72	390				76	<100	33	8	<1	3	2.49	<2	<10	22
E294	BL28760														1145							
E294	BL28393	<0.5	<5			6.77	54	7	<5				412	270		11		<1	1.22	<2	<10	28
E294	BL28394	3.8	<5			5.64	<5	18	7				421	360		8		<1	1.36	15.9	36	22
E294	BL28752		<5					9	23					250				<1			<10	19
E294	BL28753		<5					36	180					240			2	<1			<10	<10
E294	BL28754	8.5	<5			1.93	<5	26	18				99	110		28		<1	>10	<2	<10	68
E294	BL28755		<5					50	25					<100				<1			<10	<10
E294	BL28756		12					29	6					<100				<1			<10	<10
E294	BL28395	34.7	49			1.47	411	504	290				160	860		34	<1	<14	1.62	21.6	24	42
E294	BL28396	13.5	<5	<0.02		4.23	<5	4	<5				197	140		14		<1	3	<2	<10	<10
E294	BL28397	41.6	25	0.84		4.29	490	1210	1430				234	170		36	<1	4	6.97	43	92	27
E294	BL28398	>50	150	4.69		4.5	1460	2150	1090				257	500		27	<1	<15	1.09	<2	<35	<10
E294	BL28399	>50	>300	31.03		0.24	562	1080	2160				35	<370		15	<1	<11	1.22	46.7	<94	<36
E294	BL28400	3	6			4.36	22	10	9				223	210		10		<1	2.59	<2	<10	<10
E294	BL28757	>50	>300	16.36		0.47	500	1160	2130				81	<490		11	<1	<15	1.59	92.5	<130	<48
E295	BL28758														1440							
E296	BL06372														802							
E297	BL28766														2259							

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E278	BL28412	0.02																				
E279	BL09104							1451								0.012						
E280	BL09603		8		154			246				3.81		15				1.46	7		23	
E280	BL09604		11		163			66				5.14		15				0.87	<5		10	
E280	BL06719																					
E280	BL06720																					
E280	BL06726		10													0.043						
E281	BL06728																					
E282	BL09105							14								0.233						
E282	BL09106							52								0.037						
E282	BL09224																					
E282	BL09409							11														
E282	BL09601		10		101			204				3.35		22				1.58	17		11	
E282	BL09602		14		174			38				>10		16				1.08	6		5	
E283	BL06727		20													0.096						
E284	BL09405																					
E285	BL06378		5													0.02						
E285	BL06789																					
E286	BL09249		4		196			57				1.52		<10				0.65	8		8	
E287	BL09248		16		123			82				7.85		23				0.22	7		5	
E288	BL09147		<1		157			28				0.73		14				1.77	7		7	
E288	BL09251		2		164			9				0.79		16				1.53	<5		8	
E289	BL09148		<1		129			28				3.42		13		0.01		0.31	43		8	
E289	BL09247		10		63			19				2.18		<10		0.015		0.93	10		7	
E290	BL09107							18								0.253						
E291	BL28401		13	18	21	<50	1	209			5	4.96	6	22	4		<100	0.53	25	34	14	<0.5
E291	BL28402		7	<10	31	<150	<1	1295			<8	4.56	6.2	<10	<6	>50	<100	0.24	6	12	<2	<0.5
E291	BL28763		17	<10	417	660	<1	789		781	<5	9.52	>10	15	<4	9.809	<100	0.59	14	22	13	<0.5
E291	BL28764	0.02																				
E291	BL28765	0.02																				
E291	BL09120							39								0.026						
E292	BL28411	0.02																				
E293	BL28761		7	<10	5	<50	<1	3			<2	0.11	<0.5	<10	<2		<100	0.07	<5	8	<2	<0.5
E293	BL28413			<10		<50	<1				<2		<0.5		<2		<100			8		<0.5
E293	BL28762																					
E294	BL28759	0.03	19	23	211	590	<1	47			<2	4.45	5.1	<10	<2	0.031	<100	0.16	<5	<5	3	<0.5
E294	BL28760	0.02																				
E294	BL28393		2	<10	119	200	<1	14			<2	1.79	2	18	3		<100	0.45	14	15	2	<0.5
E294	BL28394		4	<10	148	260	<1	116			<2	1.79	1.9	13	<2	<0.01	<100	0.42	9	10	5	<0.5
E294	BL28752			13		280	<1				2		2.1		2		<100			8		<0.5
E294	BL28753			46		200	<1				<2		5.6		<2	0.017	<100			7		<0.5
E294	BL28754		7	14	15	<50	<1	3226		3885	6	3.3	4.4	17	<2	<0.01	<100	0.17	9	16	3	1.8
E294	BL28755			25		400	<1			843	<2		2.5		<2		<100			<5		<0.5
E294	BL28756			43		95	<1				<2		4.3		<2		<100			<5		<0.5
E294	BL28395		16	27	36	55	3	405			<2	4.6	6.8	17	3		<100	1.01	<5	16	10	0.6
E294	BL28396		8	<10	140	260	<1	41			<2	1.4	1.5	12	<2	<0.01	<100	0.38	<5	<5	4	<0.5
E294	BL28397		23	30	87	210	4	574			<2	4.87	5.9	16	<2	0.197	<100	0.63	<5	7	15	0.7
E294	BL28398		<1	<10	126	140	19	135			<2	10	>10	19	<2	0.829	<100	0.59	<5	7	7	0.7
E294	BL28399		<1	<10	284	<350	<1	1235			<8	0.78	0.6	<10	<5	2.237	<100	0.04	<5	9	27	<1
E294	BL28400		3	<10	140	230	<1	23			<2	1.01	1.3	11	<2		<100	0.33	<5	<5	3	<0.5
E294	BL28757		8	<10	398	<510	<2	3737		4450	<11	1.43	<0.5	<10	<7	0.861	<100	0.15	17	<5	40	<1.3
E295	BL28758	0.02																				
E296	BL06372																					
E297	BL28766	0.02																				

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E278	BL28412											13											52
E279	BL09104				2												<2						
E280	BL09603	0.09			11				1.02		<5				10		9						
E280	BL09604	0.12			7				1.75		<5				3		13						
E280	BL06719											17											39
E280	BL06720											8											81
E280	BL06726				8												<2						
E281	BL06728																						
E282	BL09105				8												2						
E282	BL09106				3												5						
E282	BL09224											10											115
E282	BL09409				29												7						
E282	BL09601	0.68			2				1.94		10				3		6						
E282	BL09602	0.26			11				0.44		<5				3		10						
E283	BL06727				5												<2						
E284	BL09405																						
E285	BL06378				3												25						
E285	BL06789											25											308
E286	BL09249	0.15	60		11				0.04		<5				21		3						
E287	BL09248	0.78	295		2				0.43		5				9		34						
E288	BL09147	0.14	1344		10				1.72		5	<5			9		41						31
E288	BL09251	0.13	<9		15				2.18		24	5			6		21						18
E289	BL09148	0.61	1150		7				1.04		10				24		23						
E289	BL09247	2.59	279		9						14				16		15						
E290	BL09107				4												2						
E291	BL28401	1.34	1143		<1	<2			1.76	2.1	33			<20	7		4					71	
E291	BL28402	3.01	3312		<1	<6			0.05	<0.11	8			<80	10		25					<50	
E291	BL28763	0.5	2808		<1	<4			0.16	0.12	14			<60	26		144	142				75	
E291	BL28764											17											125
E291	BL28765											13											70
E291	BL09120				4												4						
E292	BL28411											10											45
E293	BL28761	0.03	2326		<1	<2			0.15	0.14	<5			<20	2		<2					<10	
E293	BL28413					<2				0.06				<20								<10	
E293	BL28762																						
E294	BL28759	0.15	454		31	37			0.08	0.06	<5	<5		<20	11		130					<10	<1
E294	BL28760											18											34
E294	BL28393	0.52	807		5	<2			3.56	3.8	7			<20	5		47					<10	
E294	BL28394	0.42	561		3	<2			2.78	3.2	5			25	4		1549					<10	
E294	BL28752					<2				2.4				<20								34	
E294	BL28753					8				<0.05				<20								34	
E294	BL28754	1.06	3788		<1	<2			0.56	0.72	13			<20	9		<2	7				<10	
E294	BL28755					<2				1				<20				14				<10	
E294	BL28756					<2				1.1				<20								<10	
E294	BL28395	0.49	1348		11	7			0.95	1.3	8			<20	15		5186					85	
E294	BL28396	0.34	480		11	11			2.57	3	7			<20	7		<2					<10	
E294	BL28397	1.26	4177		6	7			0.43	0.47	10			<20	26		710					71	
E294	BL28398	0.47	470		4	5			0.6	<1.5	13			<20	5		2370					100	
E294	BL28399	0.03	448		4	<11			0.06	<4	<5			<69	5		>10000		1.41			<51	
E294	BL28400	0.26	398		2	7			3	4	<5			<20	6		22					39	
E294	BL28757	0.06	1050		30	<20			0.06	<5.8	<5			<97	26		>10000	9420	1.47			<68	
E295	BL28758											22											60
E296	BL06372											<5											12
E297	BL28766											10											99

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Ti ppm AAS
E278	BL28412											1125										
E279	BL09104			<5													<0.2					<0.2
E280	BL09603			<5						<20			93	<100				<25			0.09	
E280	BL09604			<5						<20			129	<100				<25			0.11	
E280	BL06719											748										
E280	BL06720											961										
E280	BL06726			<5																		
E281	BL06728																					
E282	BL09105			<5													0.4					<0.2
E282	BL09106			<5													<0.2					0.3
E282	BL09224											644										
E282	BL09409			<5																		
E282	BL09601			<5						<20			733	<100				<25			0.27	
E282	BL09602			<5						<20			112	<100				<25			0.08	
E283	BL06727			<5																		
E284	BL09405																					
E285	BL06378			<5																		
E285	BL06789											24										
E286	BL09249			9						<20			24	<100				<25			0.1	
E287	BL09248			<5						<20			153	<100				<25			0.67	
E288	BL09147			9						<20		328	479	<100				<25			0.06	
E288	BL09251			<5						<20		29	83	<100				<25			0.02	
E289	BL09148			<5						<20			298	<100			<0.2				0.15	<0.1
E289	BL09247			<5						<20			338	<100			<0.2				0.12	0.3
E290	BL09107			<5													<0.2					<0.1
E291	BL28401			<5	11		17	<10	10	37	<200		574	<100	2	1		<25	<20	1.6	1.23	
E291	BL28402			<5	1120		4.3	<25	3.4	<20	<1200		150	<100	2	<1		<25	<130	4.3	0.08	<0.1
E291	BL28763			<5	224		9.4	<10	3.4	<20	<650		60	<100	<1	<1	2.9	<25	<96	8	0.27	0.2
E291	BL28764											616										
E291	BL28765											298										
E291	BL09120			<5													<0.2					0.3
E292	BL28411											816										
E293	BL28761			<5	0.5		<0.5	<10	2	<20	<200		141	<100	<1	<1		<25	<20	<0.5	<0.01	
E293	BL28413				0.8		<0.5	<10	1.2		<200				<1	<1			<20	<0.5		
E293	BL28762																					
E294	BL28759			<5	30		1	<10	1	<20	<200	41	39	<100	<1	<1	<0.2	<25	<20	<0.5	0.01	<0.1
E294	BL28760											776										
E294	BL28393			<5	1.5		4.2	<10	3.2	<20	<200		295	<100	<1	<1		<25	<20	2.4	0.13	
E294	BL28394			<5	2.6		2.8	<10	2.2	21	<200		178	<100	<1	<1		<25	<20	1.6	0.09	<0.1
E294	BL28752				2.1		3.2	<10	2		<200				<1	<1			<20	1.2		
E294	BL28753				2.7		12	<10	3.3		<200				<1	<1			<20	<0.5		<0.1
E294	BL28754			<5	1.5		34	<10	15	<20	<200		245	<100	<1	3		<25	<20	<0.5	0.31	<0.1
E294	BL28755				2		1.2	<10	0.9		<200				<1	<1			<20	<0.5		
E294	BL28756				2.6		14	<10	2.6		<200				<1	<1			<20	<0.5		
E294	BL28395			146	170		15	<10	3.8	<20	<200		63	<100	<1	<1	5.7	<25	<20	3.9	0.48	
E294	BL28396			<5	11		3	<10	1.4	<20	<200		130	<100	<1	<1		<25	<20	8.3	0.08	<0.1
E294	BL28397			<5	102		24	<10	4.1	<20	<200		118	<100	<1	<1	1	<25	<20	<0.5	0.59	0.8
E294	BL28398			<5	821		30	<10	2.7	<20	<200		212	<100	<1	<1	5.1	<25	<49	<1	0.72	1.7
E294	BL28399			<5	2190		<0.5	<21	0.3	<20	<970		29	<100	<1	<1	5.7	<25	<140	<2.3	0.01	<0.1
E294	BL28400			<5	4.8		2.4	<10	0.8	<20	<200		127	<100	<1	<1		<25	<20	3.6	0.06	
E294	BL28757			<5	3260		<0.5	<29	<0.2	30	<1300		44	<100	<1	<1	18.5	<25	<190	<3.1	0.02	<0.1
E295	BL28758											1130										
E296	BL06372											843										
E297	BL28766											622										

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E278	BL28412								15								122	65.84	0.32	16.2	1.45	1.22
E279	BL09104										18											
E280	BL09603		24		<20			6			6											
E280	BL09604		33		<20			<5			6											
E280	BL06719								32								143	64	0.42	16.69	1.61	1.87
E280	BL06720								15								125	60.33	0.54	17.62	2.57	1.54
E280	BL06726										6											
E281	BL06728																					
E282	BL09105										25											
E282	BL09106										39											
E282	BL09224								30				0.01				164	62.72	0.63	14.39	2.09	2.89
E282	BL09409										20											
E282	BL09601		70		<20			6			22											
E282	BL09602		27		<20			<5			14											
E283	BL06727										10											
E284	BL09405																					
E285	BL06378										19											
E285	BL06789								60								125	74.37	0.08	12.72	0.33	1.29
E286	BL09249		124		<20			5			22											
E287	BL09248		349		<20			19			97											
E288	BL09147		15		<20			<5	16		12						56	72.95	0.18	14.59	0.76	0.39
E288	BL09251		9		<20			8	10		22						32	89.44	0.08	1.66	1.71	0.51
E289	BL09148		69		<20			46			45											
E289	BL09247		50		<20			13			15											
E290	BL09107										50											
E291	BL28401	1.3	143		<20	3		16		<5	39	<200			16	<500						
E291	BL28402	<1.6	40		<20	<4		6		<22	301	<410			<5	<1300						
E291	BL28763	1.5	71		<20	16		6		15	181	<200			5	<1100						
E291	BL28764								25								159	65.56	0.6	14.23	2.12	2.77
E291	BL28765								27								89	64.73	0.62	14.31	2.52	2.77
E291	BL09120										53											
E292	BL28411								20								159	64.93	0.43	17.71	2.21	1.48
E293	BL28761	0.8	30		<20	<2		<5		<5	<2	<200			<5	<500						
E293	BL28413	<0.5				<2				<5		<200				<500						
E293	BL28762																					
E294	BL28759	<0.5	19		<20	<2		5	1	<5	82	<200			<5	<500	20	83.97	0.02	1.73	5.12	1.48
E294	BL28760								21								173	62.38	0.44	16.97	2.28	1.35
E294	BL28393	0.8	20		<20	<2		10		<5	68	<200			8	<500						
E294	BL28394	0.6	24		<20	<2		6		<5	1663	1900			5	<500						
E294	BL28752	0.7				2				<5		<200				<500						
E294	BL28753	<0.5				18				<5		<200				<500						
E294	BL28754	<0.5	117		<20	<2		69		13	74	<200			<5	<500						
E294	BL28755	<0.5				<2				<5		<200				<500						
E294	BL28756	<0.5				<2				<5		<200				<500						
E294	BL28395	1.2	115		<20	<2		<5		8	2635	3300			<5	<500						
E294	BL28396	1.8	35		<20	<2		<5		<5	28	<200			21	<500						
E294	BL28397	<0.5	185		<20	3		19		8	3892	4400			<5	<500						
E294	BL28398	<1.1	288		<20	<15		<5		<10	443	610			<5	540						
E294	BL28399	<3.1	8		<20	<49		<5		<14	1129	1100			<5	<1200						
E294	BL28400	0.7	35		<20	<2		<5		<5	29	<200			22	<500						
E294	BL28757	<4.2	22		<20	<64		5		<44	5852	5100			<5	<1700						
E295	BL28758								2								128	63.25	0.29	17.53	1.74	0.52
E296	BL06372								9								130	72.04	0.12	14.43	0.88	0.51
E297	BL28766								21								142	65.43	0.47	16.47	2.27	2.28

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E278	BL28412	2.81	0.07	0.86	3.49	5.5	2.29	0.17	1.01	98.56
E279	BL09104									
E280	BL09603									
E280	BL09604									
E280	BL06719	3.69	0.05	1.22	4.45	4.09	2.62	0.17	0.99	98.18
E280	BL06720	4.28	0.16	1.37	5.82	4.46	1.65	0.22	3.47	99.75
E280	BL06726									
E281	BL06728									
E282	BL09105									
E282	BL09106									
E282	BL09224	5.3	0.1	1.99	4.18	2.46	4.04	0.36	2.57	98.74
E282	BL09409									
E282	BL09601									
E282	BL09602									
E283	BL06727									
E284	BL09405									
E285	BL06378									
E285	BL06789	1.77	0.04	0.08	0.78	3.07	5.24	0.04	0.99	99.03
E286	BL09249									
E287	BL09248									
E288	BL09147	1.19	0.01	0.25	1.59	2.38	3.72	<0.03	1.44	98.3
E288	BL09251	2.28	<0.01	0.11	0.42	0.06	0.3	0.24	5.85	100.44
E289	BL09148									
E289	BL09247									
E290	BL09107									
E291	BL28401									
E291	BL28402									
E291	BL28763									
E291	BL28764	5.2	0.1	1.92	3.95	2.39	4.16	0.33	0.91	99.35
E291	BL28765	5.6	0.1	2.08	3.89	2.58	4.24	0.32	1.22	99.68
E291	BL09120									
E292	BL28411	3.85	0.1	0.99	5.14	4.66	1.62	0.22	0.91	100.56
E293	BL28761									
E293	BL28413									
E293	BL28762									
E294	BL28759	6.76	0.06	0.26	3.56	0.1	0.19	<0.03	3.03	99.69
E294	BL28760	3.78	0.14	0.98	4.91	4.65	1.59	0.26	2.16	98.27
E294	BL28393									
E294	BL28394									
E294	BL28752									
E294	BL28753									
E294	BL28754									
E294	BL28755									
E294	BL28756									
E294	BL28395									
E294	BL28396									
E294	BL28397									
E294	BL28398									
E294	BL28399									
E294	BL28400									
E294	BL28757									
E295	BL28758	2.32	0.06	0.59	2.82	6.11	2.87	0.14	2.37	98.35
E296	BL06372	1.44	0.02	0.36	3.42	4.92	0.68	0.05	0.8	98.23
E297	BL28766	4.8	0.12	1.46	4.47	3.37	2.62	0.21	0.84	100.25

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
E298	BL09301	Napoleon Creek	64	06.666	141	42.085	R
E298	BL09302	Napoleon Creek	64	06.666	141	42.085	R
E298	BL09303	Napoleon Creek	64	06.666	141	42.085	R
E298	BL09304	Napoleon Creek	64	06.666	141	42.085	R
E298	BL09305	Napoleon Creek	64	06.666	141	42.085	R
E299	BL09418	Franklin Creek	64	09.180	141	48.700	R
E300	BL09119	Franklin Creek	64	09.683	141	47.186	R
E301	BL09115	Franklin Creek	64	09.734	141	46.692	R
E301	BL09116	Franklin Creek	64	09.734	141	46.692	R
E301	BL09117	Franklin Creek	64	09.650	141	46.750	R
E301	BL09394	Franklin Creek	64	09.734	141	46.692	PC
E301	BL09395	Franklin Creek	64	09.734	141	46.692	SS
E301	BL09397	Franklin Creek	64	09.734	141	46.692	R
E301	BL09607	Franklin Creek	64	09.734	141	46.692	R
E301	BL09608	Franklin Creek	64	09.734	141	46.692	R
E301	BL09609	Franklin Creek	64	09.734	141	46.692	R
E302	BL09396	Franklin Creek	64	09.950	141	47.003	R
E303	BL09118	Franklin Creek	64	09.852	141	46.000	R
E304	BL06791		64	09.901	141	35.454	R
E305	BL06375		64	08.500	141	22.766	R
T1	BL06517	Mosquito Prospect	63	53.421	143	28.189	R
T1	BL06516	Mosquito Prospect	63	53.411	143	28.130	R
T1	BL06515	Mosquito Prospect	63	53.314	143	28.447	R
T1	BL06518	Mosquito Prospect	63	53.287	143	28.079	R
T1	BL06519	Mosquito Prospect	63	53.269	143	28.078	R
T1	BL06521	Mosquito Prospect	63	53.200	143	28.267	R
T1	BL06522	Mosquito Prospect	63	53.200	143	28.267	R
T1	BL06520	Mosquito Prospect	63	53.188	143	28.146	R
T1	BL06523	Mosquito Prospect	63	53.173	143	28.101	R
T1	BL06524	Mosquito Prospect	63	53.173	143	28.101	R
T2	BL06287	Mosquito Prospect	63	52.573	143	28.008	R
T2	BL06514	Mosquito Prospect	63	53.088	143	27.933	R
T2	BL06512	Mosquito Prospect	63	53.033	143	27.941	R
T2	BL06513	Mosquito Prospect	63	53.021	143	28.276	R
T2	BL06588	Mosquito Prospect	63	52.790	143	27.600	R
T3	BL06785		63	59.600	143	10.400	R
T4	BL06391		63	58.750	143	05.200	R
T5	BL06364		63	58.581	143	02.576	R
T7	BL06735		63	59.900	142	51.000	R
T7	BL06736		63	58.302	142	49.800	R
T8	BL06347		63	56.900	142	47.760	R
T9	BL06346		63	55.921	142	44.914	R
T10	BL06504		63	44.727	143	29.461	R
T10	BL06503		63	44.706	143	29.403	R
T10	BL06505		63	44.659	143	29.460	SS
T11	BL07930		63	41.749	143	29.742	R
T11	BL07927		63	41.637	143	29.941	SO

Map number	Sample number	Description
E298	BL09301	Massive green basalt; Tertiary?
E298	BL09302	Basaltic breccia with quartz vein fragments or sandstone of basalt grains and quartz vein fragments
E298	BL09303	Silicified pyritic conglomerate
E298	BL09304	Conglomerate of quartz and schist clasts in sandy matrix
E298	BL09305	Silicified conglomerate; Fe-oxide specks distributed throughout; possible hydrothermal coarse-grained muscovite
E299	BL09418	Weathered leucocratic syenite to quartz-syenite
E300	BL09119	Stream cobble of massive coarse-grained red garnet, green pyroxene skarn with epidote and quartz veining
E301	BL09115	Biotite-garnet schist/gneiss with ptgmatic veins of muscovite-rich pegmatite
E301	BL09116	Stream cobble of massive red garnet, green pyroxene skarn veined by quartz-epidote-pyrite
E301	BL09117	Massive coarse-grained hornblendite with interstitial plagioclase and <1% pyrite
E301	BL09394	Pan concentrate
E301	BL09395	Stream sediment
E301	BL09397	Garnet-epidote-calcite skarn
E301	BL09607	Gossany breccia
E301	BL09608	Hornblende-quartz-feldspar pegmatite with trace pyrite
E301	BL09609	Description missing
E302	BL09396	Garnet-epidote-quartz skarn
E303	BL09118	Stream cobble of massive pyritic quartzofeldspathic gneiss
E304	BL06791	Lineated hornblende, biotite syenite
E305	BL06375	Metamorphosed granite; altered mafic minerals are chloritized and hornblende may have altered to biotite; strongly foliated
T1	BL06517	Gossany quartz-calcite-bearing brecciated felsite.
T1	BL06516	Brecciated felsite. Groundmass altered to white mica-silica-clay-hematite fracture fillings.
T1	BL06515	Weakly altered Alaskite; amphiboles altered to chlorite-epidote with occasional pyrite.
T1	BL06518	Quartz-fragment breccia.
T1	BL06519	Silicic felsite breccia with irregular clots of quartz and alunite(?).
T1	BL06521	Quartz-veined felsite with <2% oxidized pyrite.
T1	BL06522	Random grab of hematite-veined felsite.
T1	BL06520	Massive black, banded gossan.
T1	BL06523	Silicified felsite, minor brecciation with yellow clay on fracture surfaces.
T1	BL06524	Silicified felsite with 5% disseminated pyrite.
T2	BL06287	Coarse-grained quartz-K-spar granite; unit underlies felsite
T2	BL06514	Brecciated felsite with abundant hematitic veins and void fillings.
T2	BL06512	Quartz-veined, altered felsite; phenocrysts now filled with Fe-oxide.
T2	BL06513	Quartz vein with hairline fractures coated with Fe-Mn oxides. Pieces up to 15cm.
T2	BL06588	Coarse-grained, leucocratic granite. No mafics are visible (45% quartz and 55% feldspars).
T3	BL06785	Lineated, fine-grained, hornblende diorite
T4	BL06391	Fine-grained, layered or lineated, hornblende diorite
T5	BL06364	Random chip of brecciated felsic volcanic to sub-volcanic; minor quartz veining and open vugs or intra-clast voids
T7	BL06735	Green agglomeritic andesite to basalt
T7	BL06736	Variable agglomeritic to massive, fine-grained andesite to basalt; Pzg of Foster ?
T8	BL06347	Green metabasalt-andesite; characteristic of Pzg of Foster?
T9	BL06346	Magnetite-bearing hornblende-plgioclase porphyritic diorite; phenocrysts 2-3 mm in aphanitic matix; Quaternary?
T10	BL06504	Highly fractured biotite-muscovite schist; contains pyrite and vugs filled with yellow boxworks.
T10	BL06503	Leucocratic, quartz-eye porphyry dike or plug.
T10	BL06505	Stream sediment.
T11	BL07930	Muscovite-albite-quartz pegmatite with trace small, pink garnets.
T11	BL07927	Soil sample of red to ochre-colored soils.

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
E298	BL09301														263							
E298	BL09302	0.2					<5					32				<5						
E298	BL09303	0.9					<5					19				<5						
E298	BL09304	<0.2					<5					7				<5						
E298	BL09305																					
E299	BL09418														1848							
E300	BL09119	<0.2					<5					<5				<5						
E301	BL09115																					
E301	BL09116	<0.2					<5					<5				<5						
E301	BL09117	<9				<9			<1				<9			<9			<9	<9		
E301	BL09394	<0.5				6.25	<5						2000			<5			2.87	<2		
E301	BL09395	<0.5				7.23	25						1002			<5			2.04	<2		
E301	BL09397	<0.2					<5			<.001		<5				<5						
E301	BL09607	1.2				3.09	<5			<.001		10	2000			11			0.37	<2		
E301	BL09608	<0.2				5.5	<5			<.001		<5	466			<5			2.44	<2		
E301	BL09609	<0.2				2.06	<5			<.001		<5	335			<5			4.14	2.9		
E302	BL09396	<0.2					<5			<.001		<5				<5						
E303	BL09118	0.6					<5					6				17						
E304	BL06791														1272							
E305	BL06375																					
T1	BL06517		9					727	190					8400			35	<13			<10	100
T1	BL06516		<5					37	15					690				1			<10	80
T1	BL06515														220							
T1	BL06518		<5					17	9					1300				<1			<10	40
T1	BL06519		<5					10	9					570				<1			<10	120
T1	BL06521		<5					25	11					1600				1			<10	67
T1	BL06522		<5					20	<5					1400				<1			<10	36
T1	BL06520	<0.5	11			>10	<5	86	19				215	210		1038		2	0.02	105.4	<10	<10
T1	BL06523		<5					5	<5					1000				<1			<10	52
T1	BL06524		<5					10	24					900				<1			<10	180
T2	BL06287																					
T2	BL06514		<5					28	17					1700				<1			<10	83
T2	BL06512		<5					41	<5					930				<1			<10	45
T2	BL06513		5					32	11					330				<1			<10	46
T2	BL06588														120							
T3	BL06785																					
T4	BL06391														1540							
T5	BL06364	<0.2					11					<5				<5						
T7	BL06735																					
T7	BL06736																					
T8	BL06347																					
T9	BL06346														1383							
T10	BL06504	3.4	<5			>10	97	10	6				321	480		<5		<1	0.03	<2	<10	82
T10	BL06503														774							
T10	BL06505	<0.2				1.82	<5						131			<5			0.55	<1		
T11	BL07930		<5					5	7					150				<1			<10	12
T11	BL07927	4.8	<5			>10	150	<1	<5				631	<100		<5		<1	0.56	<2	<10	<10

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
E298	BL09301																					
E298	BL09302							35								0.018						
E298	BL09303							3								0.043						
E298	BL09304							30								<0.01						
E298	BL09305																					
E299	BL09418																					
E300	BL09119							4								0.055						
E301	BL09115																					
E301	BL09116							10								0.052						
E301	BL09117		<9		<9			<9				<9		<9			<1	<9	<9		<9	
E301	BL09394		17		267							>10		29				1.46	35		11	
E301	BL09395		12		78							3.49		16				1.71	25		20	
E301	BL09397							1								0.029						
E301	BL09607		29		216			264				>10		14				0.95	23		15	
E301	BL09608		16		85			30				3.67		17				0.62	7		16	
E301	BL09609		11		248			60				2.37		<10				0.44	15		4	
E302	BL09396							3								0.046						
E303	BL09118							247								0.025						
E304	BL06791																					
E305	BL06375																					
T1	BL06517			<10		<50	4				<2		>10		9		<100			70		<0.5
T1	BL06516			<10		83	4				<2		>10		3		<100			49		<0.5
T1	BL06515	0.03																				
T1	BL06518			<10		330	1				<2		2.1		4		<100			18		0.8
T1	BL06519			<10		350	2				<2		1.1		3		<100			66		<0.5
T1	BL06521			<10		150	2				<2		5.5		2		<100			37		<0.5
T1	BL06522			<10		77	2				<2		6.8		3		<100			27		<0.5
T1	BL06520		115	<10	179	150	<1	<1			<2	<0.01	>10	347	<2		<100	0.08	<5	9	6	<0.5
T1	BL06523			<10		170	3				<2		1.9		4		<100			28		<0.5
T1	BL06524			<10		140	1				<2		4.5		3		<100			110		<0.5
T2	BL06287																					
T2	BL06514			<10		<50	1				<2		>10		4		<100			53		<0.5
T2	BL06512			<10		220	2				<2		6.8		3		<100			31		<0.5
T2	BL06513			<10		390	1				<2		8		<2		<100			27		<0.5
T2	BL06588	0.02																				
T3	BL06785																					
T4	BL06391																					
T5	BL06364		6													<0.01						
T7	BL06735																					
T7	BL06736																					
T8	BL06347																					
T9	BL06346																					
T10	BL06504		<1	<10	202	270	2	33			<2	>10	2.3	<10	6		<100	0.71	21	38	12	<0.5
T10	BL06503	0.02																				
T10	BL06505		7		230			21				2.55						0.21	31			
T11	BL07930			<10		130	5				<2		0.6		5	<0.01	<100			7		<0.5
T11	BL07927		4	<10	509	<50	<1	99			<2	>10	<0.5	<10	<2		<100	0.68	11	<5	33	<0.5

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
E298	BL09301											8											12
E298	BL09302				5												6						
E298	BL09303				12												4						
E298	BL09304				5												5						
E298	BL09305																						
E299	BL09418											9											136
E300	BL09119				5												<2						
E301	BL09115																						
E301	BL09116				4												<2						
E301	BL09117	<9	1534		<9				<9		<9				<9	<10	<9			<20	<20		
E301	BL09394	0.91	1958		8				1.85		39				28		35						
E301	BL09395	1.26	753		4				2.21		18				31		21						
E301	BL09397				3												5						
E301	BL09607	0.5			16				0.95		<5				12		29						
E301	BL09608	0.79			3				4.41		7				6		11						
E301	BL09609	0.39			4				0.76		5				16		7						
E302	BL09396				4												3						
E303	BL09118				15												<2						
E304	BL06791											11											119
E305	BL06375																						
T1	BL06517					73				<0.05				<20								200	
T1	BL06516					7				0.1				<20								240	
T1	BL06515											16											41
T1	BL06518					4				0.19				25								270	
T1	BL06519					18				2.5				<20								110	
T1	BL06521					13				0.12				<20								130	
T1	BL06522					9				0.12				<20								190	
T1	BL06520	0.02	40		<1	25			0.03	<0.05	<5			35	11		317					<10	
T1	BL06523					5				3				<20								150	
T1	BL06524					4				0.18				50								170	
T2	BL06287																						
T2	BL06514					<2				0.11				<20								140	
T2	BL06512					8				0.09				20								210	
T2	BL06513					4				<0.05				<20								25	
T2	BL06588											31											265
T3	BL06785																						
T4	BL06391											5											138
T5	BL06364				4												29						
T7	BL06735																						
T7	BL06736																						
T8	BL06347																						
T9	BL06346											9											75
T10	BL06504	0.2	53		7	2			1.27	1.3	36			35	3		<2					220	
T10	BL06503											11											176
T10	BL06505	0.56	255		2				0.08						21		18						
T11	BL07930					2				3				<20								280	
T11	BL07927	0.59	489		27	<2			1.17	<0.05	69			<20	50		8					<10	

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Ti pct ICP	Tl ppm AAS
E298	BL09301											286										
E298	BL09302			<5													<0.2					0.4
E298	BL09303			<5													<0.2					<0.1
E298	BL09304			<5													<0.2					0.4
E298	BL09305																					
E299	BL09418											344										
E300	BL09119			<5													<0.2					<0.1
E301	BL09115																					
E301	BL09116			<5													0.3					<0.1
E301	BL09117	<5	<50	<9						<9			<9	<9			<9				<9	
E301	BL09394			<5						42			328	<100				<25			0.42	
E301	BL09395			11						<20			318	<100				<25			0.39	
E301	BL09397			<5													<0.2					<0.2
E301	BL09607			<5						<20			275	<100				<25			0.09	
E301	BL09608			<5						<20			411	<100				<25			0.29	
E301	BL09609			<5						<20			161	<100				<25			0.1	
E302	BL09396			<5													<0.2					0.2
E303	BL09118			<5													0.5					0.2
E304	BL06791											826										
E305	BL06375																					
T1	BL06517				103		4.7	<10	6.8		<200				<1	<1			<44	24		
T1	BL06516				8.5		8.7	<10	4.8		<200				<1	<1			<20	16		
T1	BL06515											585										
T1	BL06518				1.5		3	<10	4.2		<200				2	<1			<20	15		
T1	BL06519				1.8		3.9	<10	6.2		<200				1	<1			<20	12		
T1	BL06521				1.2		2.5	<10	2.6		<200				<1	<1			<20	14		
T1	BL06522				1.3		2.3	<10	2.1		<200				<1	<1			<20	15		
T1	BL06520			613	1.8		1.1	<10	1.2	<20	<200		<1	<100	<1	<1		<25	<20	33	0.01	
T1	BL06523				1.4		5.6	<10	1.9		<200				1	<1			<20	12		
T1	BL06524				2.2		5	<10	8.9		<200				1	<1			<20	8.6		
T2	BL06287																					
T2	BL06514				1.1		3.4	<10	4.5		<200				1	<1			<20	26		
T2	BL06512				2.3		2	<10	3.2		<200				1	<1			<20	18		
T2	BL06513				8.4		0.6	<10	2.5		<200				<1	<1			<20	12		
T2	BL06588											74										
T3	BL06785																					
T4	BL06391											1385										
T5	BL06364			<5																		
T7	BL06735																					
T7	BL06736																					
T8	BL06347																					
T9	BL06346											609										
T10	BL06504			<5	4.7		11	<10	4.3	28	<200		20	<100	3	<1		39	<20	21	0.13	
T10	BL06503											104										
T10	BL06505			<5						<20			46					<10				
T11	BL07930				14		1	<10	2.3		<200				30	<1			<20	3.5		0.9
T11	BL07927			<5	<0.2		<0.5	<10	<0.2	43	<200		130	<100	<1	<1		82	<20	<0.5	0.48	

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
E298	BL09301								28								142	44.37	1.66	16.6	2.44	7.4
E298	BL09302										70											
E298	BL09303										29											
E298	BL09304										83											
E298	BL09305																					
E299	BL09418								26								125	67.76	0.21	14.87	2.26	0.26
E300	BL09119										49											
E301	BL09115																					
E301	BL09116										81											
E301	BL09117		<9		<9			<9			<9											
E301	BL09394		329		<20			34			71				18							
E301	BL09395		107		<20			15			71				41							
E301	BL09397										19											
E301	BL09607		69		<20			22			43											
E301	BL09608		87		<20			11			75											
E301	BL09609		57		<20			13			27											
E302	BL09396										70											
E303	BL09118										74											
E304	BL06791								24								36	55.04	0.63	16.52	3.28	3.47
E305	BL06375																					
T1	BL06517	16				17				<5		540				<500						
T1	BL06516	9.2				37				<5		230				<500						
T1	BL06515								23								243	66.34	0.64	16.32	0.67	0.71
T1	BL06518	1.7				10				6		<200				<500						
T1	BL06519	2.7				3				<5		<200				<500						
T1	BL06521	1.5				9				<5		<200				<500						
T1	BL06522	1.7				5				<5		<200				<500						
T1	BL06520	0.6	3		<20	3		<5		<5	571	<200			<5	<500						
T1	BL06523	1.7				10				<5		<200				<500						
T1	BL06524	1.8				10				<5		<200				<500						
T2	BL06287																					
T2	BL06514	4.2				4				<5		<200				<500						
T2	BL06512	1.2				12				<5		<200				<500						
T2	BL06513	1.4				2				<5		<200				<500						
T2	BL06588								52								78	75.52	0.03	12.35	0.72	0.52
T3	BL06785																					
T4	BL06391								24								95	53.6	0.65	15.37	4.41	4.7
T5	BL06364										60											
T7	BL06735																					
T7	BL06736																					
T8	BL06347																					
T9	BL06346								25								169	56.87	0.86	16.84	4.05	2.77
T10	BL06504	1.8	25		<20	15		<5		<5	<2	<200			18	<500						
T10	BL06503								18								90	73.06	0.12	12.85	0.39	0.52
T10	BL06505		54		<20			8			63											
T11	BL07930	2.4				<2				<5		<200				<500						
T11	BL07927	<0.5	124		<20	<2		8		<5	80	<200			59	<500						

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
E298	BL09301	10.67	0.17	5.99	9.83	2.82	0.33	0.21	6.55	99.2
E298	BL09302									
E298	BL09303									
E298	BL09304									
E298	BL09305									
E299	BL09418	2.55	0.09	0.17	2.42	3.39	5.04	0.12	3.1	99.72
E300	BL09119									
E301	BL09115									
E301	BL09116									
E301	BL09117									
E301	BL09394									
E301	BL09395									
E301	BL09397									
E301	BL09607									
E301	BL09608									
E301	BL09609									
E302	BL09396									
E303	BL09118									
E304	BL06791	7.14	0.15	2.87	4.45	4.15	5.21	0.7	1.39	97.86
E305	BL06375									
T1	BL06517									
T1	BL06516									
T1	BL06515	1.46	0.06	1.5	4.29	4.88	0.66	0.25	3.38	99.77
T1	BL06518									
T1	BL06519									
T1	BL06521									
T1	BL06522									
T1	BL06520									
T1	BL06523									
T1	BL06524									
T2	BL06287									
T2	BL06514									
T2	BL06512									
T2	BL06513									
T2	BL06588	1.3	0.01	0.03	0.2	3.96	4.94	0.04	2.44	100.82
T3	BL06785									
T4	BL06391	9.63	0.22	3.48	6.48	3.47	6.08	0.64	0.55	99.65
T5	BL06364									
T7	BL06735									
T7	BL06736									
T8	BL06347									
T9	BL06346	7.12	0.12	3.78	6.79	2.95	2.43	0.28	2.32	100.06
T10	BL06504									
T10	BL06503	0.97	0.03	0.09	0.27	4.43	4.57	0.1	2.5	98.99
T10	BL06505									
T11	BL07930									
T11	BL07927									

Map number	Sample number	Prospect	Latitude		Longitude		Type
			Deg	Min	Deg	Min	
T12	BL07929		63	41.146	143	30.362	SO
T12	BL07928		63	41.136	143	30.266	SO
T13	BL07931		63	42.301	143	26.900	R
T14	BL07945		63	44.498	142	53.941	PC
T15	BL07944		63	44.909	142	51.412	PC
T16	BL07933		63	44.594	142	50.818	R
T16	BL07932		63	44.446	142	51.340	SO
T17	BL07936		63	44.154	142	51.833	R
T18	BL07934		63	43.923	142	49.607	PC
T18	BL07935		63	43.923	142	49.607	SS
T19	BL06511	Peternie	63	36.755	142	46.523	R
T19	BL06510	Peternie	63	36.713	142	46.520	R
T20	BL06508	Peternie	63	36.641	142	45.895	R
T20	BL06509	Peternie	63	36.568	142	46.157	R
T20	BL06507	Peternie	63	36.508	142	45.720	R
T21	BL06379	Peternie	63	35.952	142	45.616	R
T21	BL06501	Peternie	63	36.179	142	45.874	R
T21	BL06502	Peternie	63	36.179	142	45.874	R
T21	BL06506	Peternie	63	36.179	142	45.874	R
T21	BL06600	Peternie	63	36.179	142	45.874	R
T21	BL07941	Peternie	63	35.952	142	45.616	R
T21	BL07942	Peternie	63	35.952	142	45.616	R
T21	BL07943	Peternie	63	35.952	142	45.616	R
T22	BL06371		63	56.100	141	17.930	R
T23	BL06369		63	46.950	141	17.550	R
T24	BL06366	Taurus	63	38.963	141	21.431	R
T24	BL06368	Taurus	63	38.792	141	21.570	R
T24	BL06370	Taurus	63	38.792	141	21.570	R
T25	BL06367	Taurus	63	38.540	141	21.431	R
T26	BL06365	Taurus	63	38.512	141	19.987	R
T27	BL06713	ASARCO Prospect	63	23.758	142	21.179	R
T28	BL06714	ASARCO Prospect	63	21.904	142	29.909	R
T28	BL06715	ASARCO Prospect	63	22.001	142	29.574	R

Map number	Sample number	Description
T12	BL07929	Soil sample of red to ochre-colored, clayey soils.
T12	BL07928	Soil sample of red to ochre-colored soils.
T13	BL07931	Crystal-lithic rhyolite breccia with 1% pyrite.
T14	BL07945	Panned concentrate.
T15	BL07944	Panned concentrate.
T16	BL07933	Silicified quartz monzonite cut by massive fine-grained epidote veins. Late quartz veins contain 1% scheelite.
T16	BL07932	Soil sample.
T17	BL07936	Altered quartz monzonite with hairline veins of epidote and disseminated sulfides.
T18	BL07934	Panned concentrate of sediment impacted stream-side bryophyte moss.
T18	BL07935	Stream sediment sample from stream with moderate iron staining and high organic content.
T19	BL06511	Brecciated and silicified hornfels.
T19	BL06510	Milky-white quartz vein in silicified hornfels. Minor Fe staining.
T20	BL06508	Silicified intrusive with abundant limonite-coated pits and trace of disseminated pyrite.
T20	BL06509	Quartz-veined, intensely silicified intrusive. Abundant vugs of Fe-Mn oxides after pyrite.
T20	BL06507	Silicified intrusive rock with limonite-coated pits and hematite-lined fractures.
T21	BL06379	Hornblende-bearing, quartz porphyry intrusive; irregular K-spar alteration; 1-mm-thick molybdenite veinlet cross-cuts all phases
T21	BL06501	Fine-grained, equigranular, leucocratic granite with one,1cm-thick quartz vein with molybdenite along selvage.
T21	BL06502	Medium-grained, hornblende-biotite , K-feldspar-phyric quartz monzonite.
T21	BL06506	Limonitic, highly quartz-veined, felsic igneous rock.
T21	BL06600	Potassic-altered granitic rock. Veins of semi-massive magnetite-quartz.
T21	BL07941	Biotite, K-feldspar-phyric granodiorite which has minor epidote-silica veins with associated pyrite-chalcopyrite and potassic alteration in selvage.
T21	BL07942	Medium- to fine-grained, biotite-rich dike which cuts coarse grained porphyry.
T21	BL07943	Select sample of disseminated pyrite, chalcopyrite in potassic-altered and veined coarse-grained intrusive.
T22	BL06371	Medium-grained euigranular biotite granodiorite
T23	BL06369	Biotite-rich, biotite granodiorite; weakly foliated ?
T24	BL06366	Coarse-grained quartz-K-spar-tourmaline vein or pegmatite in welded quartz-white mica - altered felsite
T24	BL06368	Fine- to medium-grained, equigranular biotite granodiorite
T24	BL06370	K-spar, quartz, tourmaline, pyrite, chalcopyrite altered biotite granodiorite; 2-3 % sulfides; tourmaline on fracture surfaces
T25	BL06367	Laminated or welded quartz + white mica + K-spar altered , tuff; 10% disseminated pyrite; irregular K-spar and quartz alteration
T26	BL06365	Quartz-molybdenite veined, brecciated, chlorite-magnetite altered, felsic intrusive; Chlorite, rare biotite, molybdenite and magnetite coat fractures
T27	BL06713	K-spar, quartz, hornblende porphyry intrusive; fine-grained disseminated biotite in aphanitic green groundmass
T28	BL06714	Coarse-grained quartz, feldspar rock; altered equivalent of BL06715?
T28	BL06715	Medium to coarse-grained hornblende, biotite granite

Map number	Sample number	Ag ppm ICP	Ag ppm INAA	Ag oz/ton Assay	Ag ppm AAS	Al pct ICP	As ppm ICP	As ppm INAA	Au ppb INAA	Au oz/ton Assay	Au ppb Assay	Au ppb AAS	Ba ppm ICP	Ba ppm INAA	Ba ppm XRF	Bi ppm ICP	Bi ppm AAS	Br ppm INAA	Ca pct ICP	Cd ppm ICP	Cd ppm INAA	Ce ppm INAA
T12	BL07929	4.3	<5			>10	119	20	<5				731	820		<5		2	0.93	<2	<10	65
T12	BL07928	4.6	<5			>10	149	12	7				554	720		<5		1	0.65	<2	<10	64
T13	BL07931		<5					8	<5					2200				3			<10	90
T14	BL07945	<0.5	<5			1.81	7	6	<5				620	690		<5		<1	0.94	2	<10	110
T15	BL07944	<0.5	<5			1.96	38	5	12				487	640		<5		<1	1.14	<2	<10	79
T16	BL07933	<0.5	<5			2.42	<5	6	7				67	<100		9		<1	>10	<2	<10	16
T16	BL07932	4.3	6			>10	125	30	9				738	870		<5		9	0.9	<2	<10	52
T17	BL07936	<0.5	<5			2.45	15	9	<5				1169	1400		<5		3	1.29	<2	<10	60
T18	BL07934	13.2	9			2.11	<5	15	<5				651	860		6		4	1.44	36.2	42	130
T18	BL07935	<0.2				1.93	10						165			6			0.99	<1		
T19	BL06511		6					109	<5					<100				2			<10	<10
T19	BL06510		<5					32	<5					1700				<1			<10	33
T20	BL06508		12					18	<5					3000				<1			<10	38
T20	BL06509		<5					15	<5					1600				<1			<10	42
T20	BL06507		<5					138	7					3400				2			<10	46
T21	BL06379																					
T21	BL06501	2.7	<5			>10	113	80	16				816	970		<5		2	0.09	<2	<10	76
T21	BL06502														2062							
T21	BL06506		<5					67	8					870				<1			<10	13
T21	BL06600	<0.5	<5			2.23	<5	3	8				126	230		<5		<1	0.04	<2	<10	<10
T21	BL07941		<5					6	<5					2000				2			<10	73
T21	BL07942														2174							
T21	BL07943														1800							
T22	BL06371																					
T23	BL06369														696							
T24	BL06366																					
T24	BL06368														1112							
T24	BL06370	0.6					<5					18				<5						
T25	BL06367	0.7					<5					17				<5						
T26	BL06365	0.6					<5					28				<5						
T27	BL06713														1761							
T28	BL06714																					
T28	BL06715														1449							

Map number	Sample number	Cl pct	Co ppm ICP	Co ppm INAA	Cr ppm ICP	Cr ppm INAA	Cr ppm INAA	Cu ppm ICP	Cu pct Assay	Cu ppm AAS	Eu ppm INAA	Fe pct ICP	Fe pct INAA	Ga ppm ICP	Hf ppm INAA	Hg ppm C-VAP	Ir ppb INAA	K pct ICP	La ppm ICP	La ppm INAA	Li ppm ICP	Lu ppm INAA
T12	BL07929		6	16	196	310	6	74			<2	>10	6	<10	5		<100	0.94	11	34	33	<0.5
T12	BL07928		<1	15	170	220	9	66			<2	>10	4.4	<10	5		<100	0.65	12	36	32	<0.5
T13	BL07931			<10		<50	3				<2		0.9		<2		<100			52		<0.5
T14	BL07945		<1	14	305	390	2	16			<2	2.06	3.1	13	6		<100	0.5	49	60	19	<0.5
T15	BL07944		6	<10	474	510	2	14			<2	1.97	2.7	16	5		<100	0.46	32	40	15	<0.5
T16	BL07933		3	<10	122	180	<1	24			<2	2.43	6.7	39	<2	<0.01	<100	0.13	<5	5	4	<0.5
T16	BL07932		9	20	197	250	4	88			<2	>10	6	<10	5		<100	1.44	6	28	28	<0.5
T17	BL07936		5	<10	82	79	1	8			<2	1.59	2.3	16	4		<100	1.06	18	31	17	<0.5
T18	BL07934		1	11	338	370	3	65			2	2.02	2.9	17	9		<100	0.35	54	65	16	0.9
T18	BL07935		14		214			21				4.37						0.13	16			
T19	BL06511			<10		310	<1				<2		>10		<2		<100			7		<0.5
T19	BL06510			<10		190	1				<2		3.9		3		<100			18		<0.5
T20	BL06508			<10		290	<1				<2		3.2		4		<100			22		<0.5
T20	BL06509			<10		180	<1				<2		2.8		3		<100			16		<0.5
T20	BL06507			<10		210	<1				<2		4.1		5		<100			32		<0.5
T21	BL06379																					
T21	BL06501		<1	<10	509	720	<1	54			<2	>10	1.5	<10	<2		<100	0.93	25	44	15	<0.5
T21	BL06502	0.02																				
T21	BL06506			<10		490	<1				<2		2.8		<2		<100			10		<0.5
T21	BL06600		1	<10	259	330	<1	27			<2	2.48	4.7	13	<2		<100	0.98	5	8	4	<0.5
T21	BL07941			12		120	2		<0.01		<2		2.8		4		<100			43		<0.5
T21	BL07942	0.01																				
T21	BL07943								<0.01													
T22	BL06371																					
T23	BL06369																					
T24	BL06366																					
T24	BL06368																					
T24	BL06370		313													<0.01					
T25	BL06367		190													<0.01					
T26	BL06365		269													<0.01					
T27	BL06713																					
T28	BL06714																					
T28	BL06715																					

Map number	Sample number	Mg pct ICP	Mn ppm ICP	Mn ppm AAS	Mo ppm ICP	Mo ppm INAA	Mo pct Assay	Mo ppm AAS	Na pct ICP	Na pct INAA	Nb ppm ICP	Nb ppm XRF	Nd ppm INAA	Ni ppm INAA	Ni ppm ICP	Os ppb INAA	Pb ppm ICP	Pb ppm AAS	Pb pct Assay	Pd ppb Assay	Pt ppb Assay	Rb ppm INAA	Rb ppm XRF
T12	BL07929	0.95	453		19	3			1.4	1.4	60			46	46		<2					88	
T12	BL07928	0.66	398		14	3			1.36	1.5	59			<20	24		6					120	
T13	BL07931					<2				2.2				<20								130	
T14	BL07945	0.63	410		<1	<2			1.4	1.4	13			<20	24		74					87	
T15	BL07944	0.64	498		3	<2			1.68	1.6	13			40	22		39					96	
T16	BL07933	0.08	1949		9	5			0.3	0.3	8			28	12		175					<10	
T16	BL07932	1.05	501		11	<2			1.52	1.5	58			52	44		67					86	
T17	BL07936	0.48	481		7	<2			3.99	2.8	15			<20	10		52					150	
T18	BL07934	0.75	1386		<1	<2			1.57	1.8	14			<20	21		3844					99	
T18	BL07935	0.52	864		2				0.06						21		27						
T19	BL06511					140				<0.05				<20								17	
T19	BL06510					100				0.09				<20								120	
T20	BL06508					9				0.15				<20								130	
T20	BL06509					8				0.13				<20								140	
T20	BL06507					10				0.17				33								130	
T21	BL06379																						
T21	BL06501	0.03	262		327	294	0.032		1.65	1.4	25			26	19		85					120	
T21	BL06502											13											146
T21	BL06506					53				0.07				32								55	
T21	BL06600	0.02	98		246	255			0.81	0.73	32			<20	7		24					86	
T21	BL07941					140		11		2.6				<20								150	
T21	BL07942											8											110
T21	BL07943						0.005					13											207
T22	BL06371																						
T23	BL06369											16											173
T24	BL06366																						
T24	BL06368											9											112
T24	BL06370				58												16						
T25	BL06367				41												33						
T26	BL06365				1993												23						
T27	BL06713											11											143
T28	BL06714																						
T28	BL06715											10											115

Map number	Sample number	Rh ppb INAA	Ru ppb INAA	Sb ppm ICP	Sb ppm INAA	Sb pct Assay	Sc ppm INAA	Se ppm INAA	Sm ppm INAA	Sn ppm ICP	Sn ppm INAA	Sr ppm XRF	Sr ppm ICP	Ta ppm ICP	Ta ppm INAA	Tb ppm INAA	Te ppm AAS	Te ppm ICP	Te ppm INAA	Tb ppm INAA	Tl pct ICP	Tl ppm AAS
T12	BL07929			<5	1.8		17	<10	5	60	<200		170	<100	2	<1		86	<20	10	0.46	
T12	BL07928			<5	1.4		15	<10	4.9	35	<200		145	<100	3	<1		71	<20	12	0.39	
T13	BL07931				35.3		2.3	<10	4.6		<200				1	<1			<20	19		
T14	BL07945			<5	1.8		7.5	<10	8	<20	<200		241	<100	<1	<1		<25	<20	21	0.29	
T15	BL07944			<5	1		8.1	<10	5.7	<20	<200		211	<100	1	<1		<25	<20	15	0.33	
T16	BL07933			29	14		3.1	<10	2	75	<200		213	<100	3	<1		<25	<20	1.9	0.07	0.2
T16	BL07932			<5	3.8		17	<10	3.9	36	<200		192	<100	1	<1		71	<20	10	0.37	
T17	BL07936			42	39.5		8.2	<10	4.7	<20	<200		314	<100	1	<1		<25	<20	16	0.22	
T18	BL07934			<5	36.8		10	<10	8.8	<20	<200		268	<100	<1	<1		<25	<20	26	0.4	
T18	BL07935			<5						<20			52				<10					
T19	BL06511				15		0.7	<10	0.7		<200				<1	<1			<20	21		
T19	BL06510				7.2		3.5	<10	1.5		<200				<1	<1			<20	38		
T20	BL06508				2.6		3.1	<10	3.3		<200				1	<1			<20	13		
T20	BL06509				4.1		3.9	<10	1.7		<200				1	<1			<20	19		
T20	BL06507				5.4		3.5	<10	3.7		<200				1	<1			<20	17		
T21	BL06379																					
T21	BL06501			<5	26.7		1.9	<10	6.4	<20	<200		33	<100	<1	<1		27	<20	20	0.03	
T21	BL06502											442										
T21	BL06506				5.3		1.7	<10	1.1		<200				<1	<1			<20	8.9		
T21	BL06600			<5	0.6		2	<10	2.1	<20	<200		16	<100	3	<1		<25	<20	16	0.01	
T21	BL07941				12		7.4	<10	4.6		<200				1	<1			<20	25		
T21	BL07942											675										
T21	BL07943											283										
T22	BL06371																					
T23	BL06369											166										
T24	BL06366																					
T24	BL06368											521										
T24	BL06370			<5																		
T25	BL06367			<5																		
T26	BL06365			<5																		
T27	BL06713											195										
T28	BL06714																					
T28	BL06715											278										

Map number	Sample number	U ppm INAA	V ppm ICP	V ppm AAS	W ppm ICP	W ppm INAA	W pct Assay	Y ppm ICP	Y ppm XRF	Yb ppm INAA	Zn ppm ICP	Zn ppm INAA	Zn pct Assay	Zn ppm AAS	Zr ppm ICP	Zr ppm INAA	Zr ppm XRF	SiO2 pct BF-ICP	TiO2 pct BF-ICP	Al2O3 pct BF-ICP	Fe2O3 pct BF-ICP	FeO pct TITRA
T12	BL07929	3.1	141		<20	4		7		<5	2	<200			33	<500						
T12	BL07928	4.1	97		<20	4		9		<5	<2	<200			30	<500						
T13	BL07931	4.4				3				<5		<200				<500						
T14	BL07945	4.1	56		<20	4		11		<5	92	<200			14	<500						
T15	BL07944	3.3	55		<20	13		13		<5	62	<200			11	<500						
T16	BL07933	7.6	46		174	718		<5		<5	98	<200			8	<500						
T16	BL07932	3.1	119		<20	3		<5		<5	29	210			32	<500						
T17	BL07936	4.5	43		<20	3		13		<5	37	<200			38	<500						
T18	BL07934	4.8	60		120	229		18		6	4068	4500			26	<500						
T18	BL07935		55		<20			9			67											
T19	BL06511	1.4				<2				<5		<200				<500						
T19	BL06510	2.6				5				<5		<200				<500						
T20	BL06508	2				11				<5		<200				<500						
T20	BL06509	1.8				6				<5		<200				<500						
T20	BL06507	2				4				<5		<200				<500						
T21	BL06379																					
T21	BL06501	4.7	3		<20	<2		11		<5	25	<200			37	<500						
T21	BL06502								19								133	67.95	0.35	14.24	1.52	1.89
T21	BL06506	1				<2				<5		<200				<500						
T21	BL06600	2.1	3		<20	15		9		<5	24	<200			15	<500						
T21	BL07941	6.8				4				<5		<200				<500						
T21	BL07942								10								111	56.91	0.75	17.37	3.53	3.76
T21	BL07943								20								119	69.65	0.31	12.5	2.84	1.53
T22	BL06371																					
T23	BL06369								40								217	66.69	0.75	14.41	0.46	4.44
T24	BL06366																					
T24	BL06368								27								135	67.61	0.47	15.46	2.29	1.8
T24	BL06370										35											
T25	BL06367										30											
T26	BL06365										95											
T27	BL06713								30								112	73.02	0.2	13.48	0.78	1.03
T28	BL06714																					
T28	BL06715								29								121	66.84	0.44	14.61	1.14	2.64

Map number	Sample number	Fe2O3* pct BF-ICP	MnO pct BF-ICP	MgO pct BF-ICP	CaO pct BF-ICP	Na2O pct BF-ICP	K2O pct BF-ICP	P2O5 pct BF-ICP	LOI pct BF-ICP	Total pct BF-ICP
T12	BL07929									
T12	BL07928									
T13	BL07931									
T14	BL07945									
T15	BL07944									
T16	BL07933									
T16	BL07932									
T17	BL07936									
T18	BL07934									
T18	BL07935									
T19	BL06511									
T19	BL06510									
T20	BL06508									
T20	BL06509									
T20	BL06507									
T21	BL06379									
T21	BL06501									
T21	BL06502	3.62	0.09	1.04	2.79	3.3	3.74	0.15	1.44	98.7
T21	BL06506									
T21	BL06600									
T21	BL07941									
T21	BL07942	7.71	0.22	2.66	6.24	3.28	2.76	0.3	1.45	99.65
T21	BL07943	4.54	0.06	0.95	1.67	2.03	5.04	0.16	4.29	101.19
T22	BL06371									
T23	BL06369	5.39	0.08	1.71	2.29	2.15	3.93	0.16	1.05	98.12
T24	BL06366									
T24	BL06368	4.29	0.06	1.8	3.18	3.4	2.11	0.12	1.94	100.24
T24	BL06370									
T25	BL06367									
T26	BL06365									
T27	BL06713	1.92	0.07	0.42	1.81	3.53	3.72	0.05	1.64	99.75
T28	BL06714									
T28	BL06715	4.08	0.1	1.63	3.48	3.1	3.23	0.09	1.76	99.06

APPENDIX B - Lode Property Summaries

Figure 2 shows the locations for the following properties. Numbers shown in parentheses (eg. BL09361) refer to the sample numbers found in Appendix A.

Bear Creek Occurrence

Geochemical samples collected previously in the Bear Creek area on the north side of the Seventymile River are anomalous in gold, arsenic, antimony, and mercury (142). Follow-up sampling was done by the Bureau in an effort to locate the source of the anomalies. Bedrock in the area consists of Pliocene to Upper Cretaceous detrital rocks including chert pebble conglomerate, sandstone, mudstone, shale, breccia, and lignite (37). Stream silt samples, soil, and rock samples were collected by the Bureau (fig. B-1). No indications of silicification were observed. Soil samples contained up to 10 ppb gold and 0.441 ppm mercury (BL09361). Rock samples did not contain significant metal values.

Carrie Creek Occurrence

Carrie Creek, a tributary of the Goodpaster River, is located approximately 25 km northwest of Mt. Harper. It is not labeled on USGS topographic maps. Carrie Creek lies at the western contact of the Mt. Harper intrusive complex, which is a favorable geologic environment for contact-related tungsten-gold deposits. Paleozoic augen gneiss and biotite gneiss are intruded by quartz monzonite and granodiorite (59).

Panned concentrate and stream silt samples collected from Carrie Creek in 1978 were anomalous in tungsten, gold, and molybdenum. Follow-up work resulted in the discovery of widely scattered quartz veins containing up to 3.1 g/mt gold, 900 ppm tungsten, and 1,090 ppm molybdenum. The veins range from millimeter size up to several meters in thickness and are hosted by unaltered granodiorite (126).

Samples collected by the Bureau of the quartz veins contained up to 21.7 ppm silver, 0.40 ppm gold (BL07954), 2,781 ppm zinc (BL09749), 3,886 ppm copper (BL07956), and greater than 10,000 ppm lead (BL07948) (fig. B-2). Precious metal values are low as well as the quartz vein density, prohibiting the possibility of a bulk-tonnage gold deposit (126).

Champion I and II Prospects

The Champion I and II prospects are located near the headwaters of Champion Creek, a tributary to the Fortymile River. The occurrence consists of skarn and hornfels related sulfides that formed proximal to Tertiary or Cretaceous age dacite to granodiorite intrusive rocks. The Champion I prospect is a localized (4.5 by 7.5 m) area of gold-bearing chalcopyrite--pyrrhotite-magnetite mineralized pyroxene skarn within a roof pendant of Paleozoic biotite schist. Bureau samples of the skarn contain as much as 0.41% copper (BL26154) (fig. B-3). Samples of adjacent light green endoskarn contain up to 78 ppm silver and 3.0% zinc (BL28958). The mineralized skarn contains from 11 to 490 ppb gold (BL26156). Elsewhere within the roof

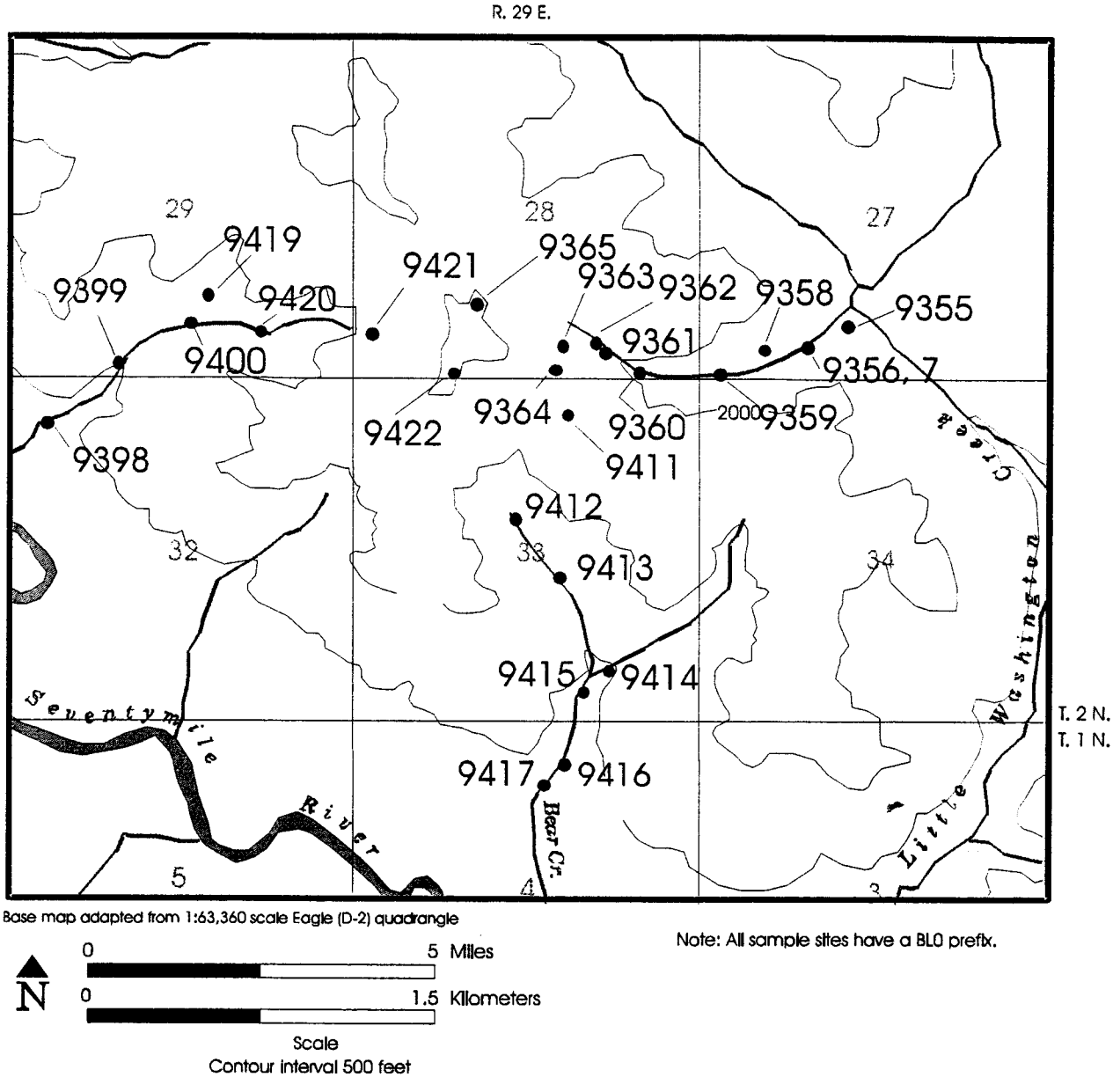


Figure 1 Bear Creek area - Sample sites.

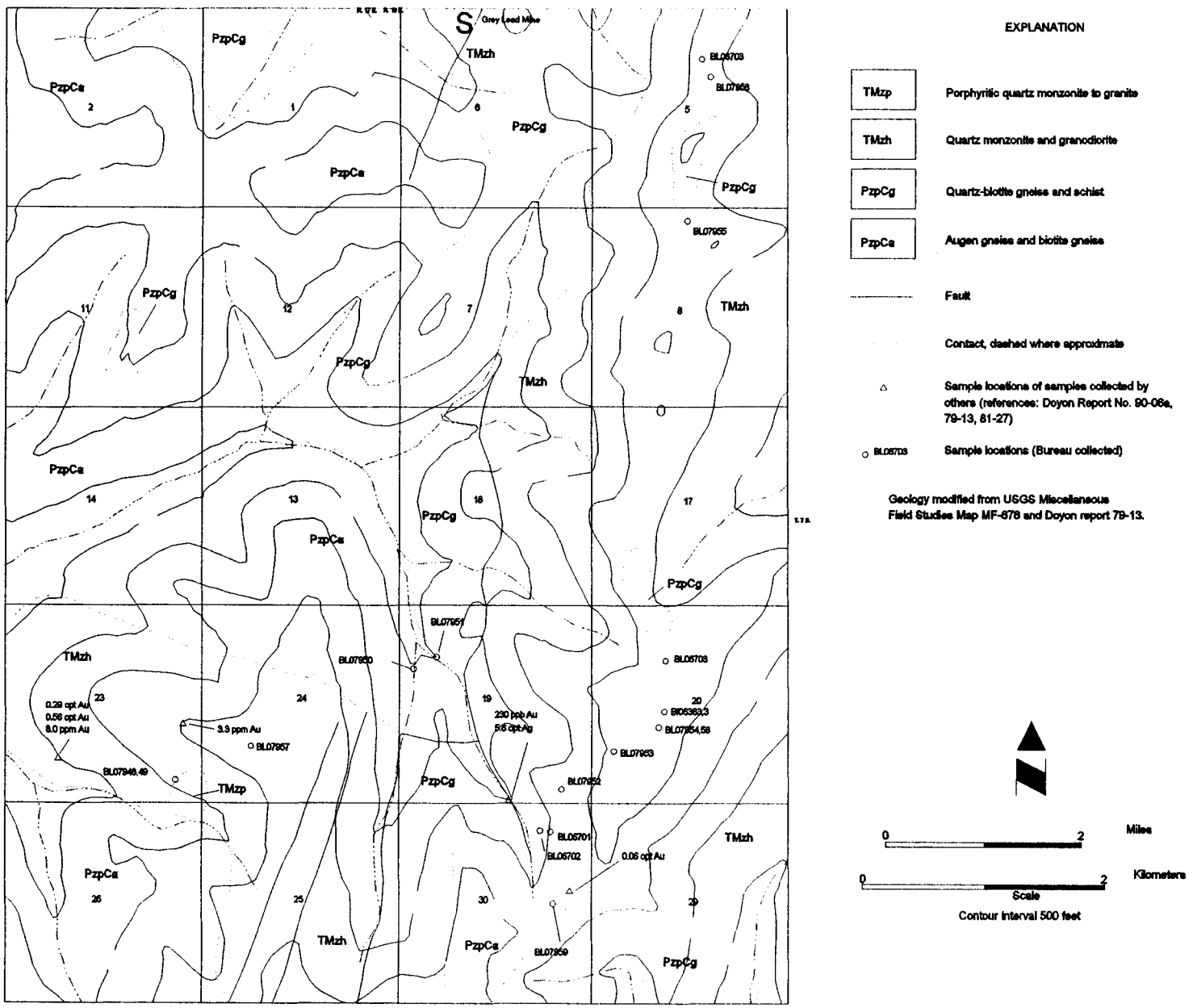
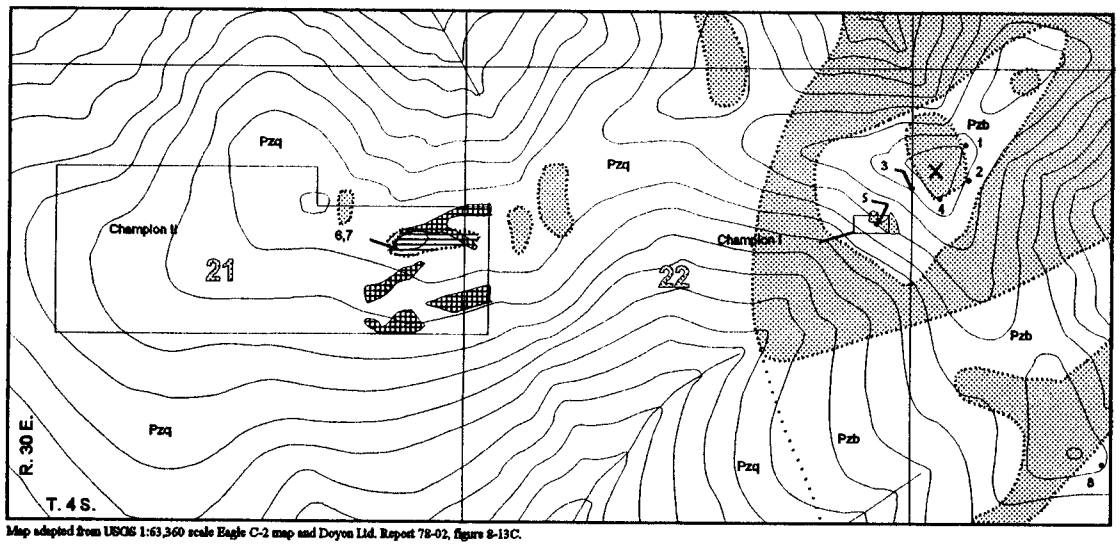


Figure 2 Carrie Creek area - Geology and sample sites.



Map adapted from USGS 1:63,360 scale Eagle C-2 map and Doyon Ltd. Report 78-02, figure 8-13C.

Map Number	Sample Number	Cu pct	Pb pct	Zn pct	Ag ppm	Au ppb
1	BL28957	whole rock analysis				
2	BL09177	0.02	<0.01	<0.01	0.2	<5
3	BL28956	-	-	0.04	7.0	87
4	BL26153	-	-	<200	<5	872
5	BL28958	-	-	>3.00	78.0	<5
5	BL28958	whole rock analysis				
5	BL26154	0.41	-	<200	<5	230
5	BL26155	0.25	<0.01	<200	<5	110
5	BL26156	-	-	<200	6.0	490
5	BL09178	0.25	<0.01	<0.01	0.6	170
5	BL09179	<0.01	<0.01	<0.01	<0.02	11
6	BL28959	0.08	3.58	1.81	6.2	<5
7	BL28960	<0.01	<0.01	<0.01	<0.02	<5
7	BL26157	2.2	4.64	2.63	32.0	<17
7	BL26158	1.76	4.35	0.84	43.0	<5
8	BL28955	whole rock analysis				

For addional analyses see map numbers in appendix

Legend

- Contoured soil geochemistry; areas of Pb or Zn >2000 ppm
- Tertiary-Mesozoic hornblende granodiorite porphyry
- Pzb — Paleozoic biotite schist, quartzite, and marble
- Pzq — Paleozoic quartz mica schist and greenschist; includes quartz mica schist, graphitic schist and quartzite, marble, phyllite; in part felsic metavolcanic rocks; vertical hatchering denotes intercalated carbonate unit
- Outline of Doyon Corporation soil geochemistry survey area
- Lithologic boundaries: approximate/ poorly defined

N

0 500 1000 meters

0 1320 2840 feet

0 0.25 0.5 miles

Figure 3 Champion I and II prospects - Geology and sample sites.

pendant, fractured, gossany hornfels contains gold values as high as 872 ppb (BL26153).

The Champion II prospect represents a strata-bound lens of silver-enriched copper-lead-zinc mineralized garnet-pyroxene skarn formed within intercalated marble units of a Paleozoic quartz-mica schist. The skarn mineralization is exposed by three small hand dug pits. The estimated thickness of mineralized skarn is 1.5 m within an approximately 15 m-thick marble unit. A strike length of 61 m is indicated by the outcrop exposures. Samples of the skarn collected by the Bureau contain as much as 2.2% copper, 4.64% lead, 2.53% zinc, and 43 ppm silver (BL26157), but no anomalous gold (fig. B-3).

Previous investigations by WGM Inc. included detailed mapping, soil sampling, and geophysical surveys (117). Soil sampling delineated multiple east-west trending lead and zinc anomalies that indicate mineralization trends for a least 457 m to the east of the trenches. The multiple parallel anomalies indicate possibly several narrow stratiform skarn horizons within calcareous layers of the schist. The marble is intercalated within an isoclinally folded quartz-mica greenschist which may have volcanic components. WGM Inc. interpreted the strata-bound sulfide mineralization at Champion II to represent remobilized volcanogenic sulfide mineralization into a skarn-host setting. Lead isotope analysis of samples collected by the Bureau from the Champion II skarn indicate a Late Cretaceous to early Tertiary age which makes a Paleozoic volcanogenic source of lead unlikely.

The small size of Champion I and II skarn bodies does not favor base-metal mineral development of these prospects. However, additional sampling for gold in the roof pendant at Champion I is warranted. The example of gold enrichment in hornfels at this prospect should be applied at similar settings in the region.

Champion East Occurrence

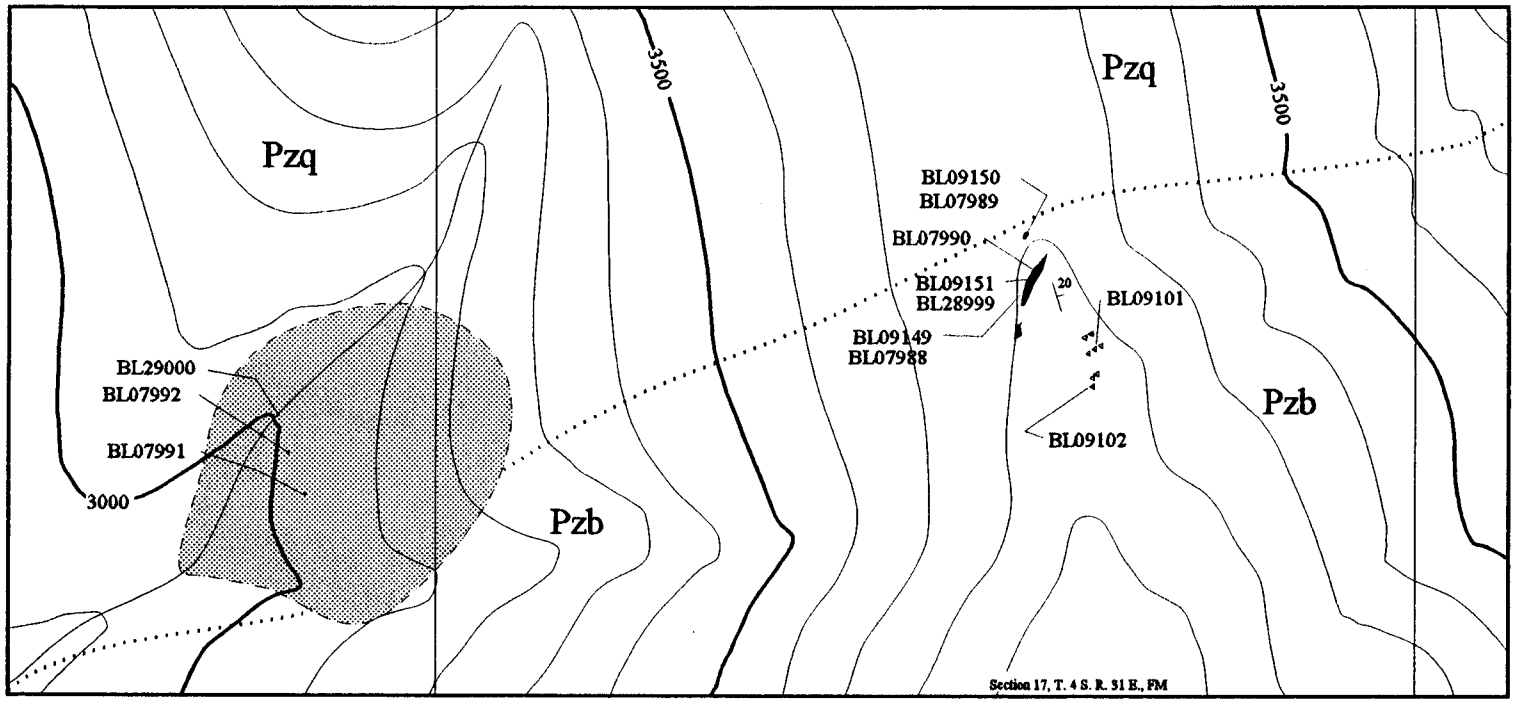
The Champion East occurrence is located near the headwaters of Champion Creek. The geology consists of Paleozoic quartz mica schist, greenschist, biotite schist, quartzite, and marble, intruded by granite and granodiorite dikes. The intrusive rocks may be related to a stock exposed 215 m west of the occurrence. Hornfelsing and other contact metamorphic features are common throughout the anomalous area. A 100 m-long outcrop containing a 1.5 m-thick marble bed occurs in the east-central portion of the occurrence. Local alteration to calc-silicate rock and diopside skarn is present. The skarn locally contains minor galena and chalcopyrite. No scheelite was observed by lamping the skarn and marble (119).

The Bureau mapped the geology of the occurrence and collected a series of samples from the skarns (fig. B-4). One continuous chip sample (BL09149) collected across a 0.3 m-thick coarse-grained grossularite-epidote skarn contained 100 ppb gold, 4,733 ppm lead, and 2,060 ppm zinc.

The skarn mineralization is exposed continuously for approximately 60 m along strike. The mineralized exposures are small and base metal contents low.

Chicken Area Prospects and Occurrences

The Purdy Prospect is located on a ridge west of Stonehouse Creek, 4.8 km north of



Map adapted from USGS 1:63360 scale Eagle C-2 map and USGS Map I-922

Legend

- Garnet, pyroxene, vesuvianite skarn in marble - biotite schist
- Tonalite
- Pzq — Quartz-mica schist and greenschist
- Pzb — Biotite schist, quartzite and marble
- Approximate contact
- Inferred contact
- Rubblecrop occurences of felsic dikes

Select Data

Map Number	Sample Number	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
	BL07988	<5	1.2	21	612	360
	BL07989	7	1.2	365	55	72
	BL07990	<5	2.0	9	1474	1502
	BL07991	major oxide and trace element				
	BL07992	7	21.0	7200	2400	1100
	BL09101	major oxide and trace element				
	BL09102	major oxide and trace element				
	BL09103	<5	2.1	1076	551	1226
	BL09149	100	9.1	8	4733	2060
	BL09150	9	2.0	19	529	320
	BL09151	<5	1.1	45	255	557
	BL28999	<5	<5	-	200	1000
	BL29000	panned concentrate				

N

Scale

0 1500 feet

0 2100 meters

Figure 4 Champion East occurrence - Geology and sample sites.

Chicken. Free gold has been found to occur with quartz-calcite veinlets in a schistose slate. The slate is intensely cross fractured and iron stained adjacent to the mineralized zone. The gold occurs as paper-thin sheets along calcite cleavage planes. This gold leaf can be peeled from the crystal faces and appears to have formed later than the calcite. Pyrite and chalcopyrite are also associated with some of the calcite veinlets which are locally copper stained. A 0.6 m-long chip sample taken across a zone of veinlets contained greater than 0.31 g/mt gold, 3.7 g/mt silver, and 0.32% copper (fig. B-5). A grab sample of the pyrite and schist contained greater than 0.31 g/mt gold (147).

A series of trenches up to 6 m deep have been dozed across the mineralized area and a small mill set up to process the material. It is not known if any gold was produced. A sample of mineralized schistose rock collected by the Bureau contained 1,380 ppb gold and 9.8 ppm mercury (BL28763).

Sheared and altered diorite bedrock in the Lost Chicken Creek area, 1.7 km southeast of Chicken, are reported to be anomalous in gold. Samples were collected from a greenish-gray highly sheared diorite, containing abundant sulfides and cut by numerous calcite veinlets. These contained up to 100 ppb gold. Samples anomalous in gold were stained orange-brown (50). The Bureau examined the occurrence and collected samples of sheared diorite and carbonate veins in greenstone (fig. B-5). None of the samples contained anomalous gold.

The Bureau collected samples at the Highway Copper Prospect, 3.1 km west of Chicken and adjacent to the Taylor Highway. A select sample of a malachite-stained quartz vein contained 2,160 ppb gold, 1,064 ppm silver, 1,235 ppm copper, 1.4% lead, and 2,190 ppm antimony (BL28399) (fig. B-5). A dump float sample of vuggy quartz vein material contained 2,130 ppb gold, and 561 ppm silver (BL28757).

Deer Creek Occurrence

The Deer Creek Occurrence is located near the headwaters of Deer Creek, a tributary of the Seventymile River. The occurrence consists of several small copper-rich garnet-pyroxene skarn bodies distributed in marble that is intercalated within Paleozoic quartzite, argillite, and minor felsic meta-tuff. Chalcopyrite and bornite are the dominant sulfide minerals in the skarn bodies. Minor scheelite, powellite, and molybdenite have been identified in these skarns (117). None of the Bureau samples were anomalous in molybdenum or tungsten. Bureau samples contain as much as 9.81% copper, 0.02% lead, 0.23% zinc, 0.18% bismuth, 240 ppm silver, and 460 ppb gold (BL27969) (fig. B-6).

Near the skarn-bearing rubblecrop massive coarse-grained galena is found sparsely distributed in silicified felsic meta-tuff and quartzite units. Samples of the galena contain from 69 to 97 ppm silver and 15 to 52 ppb gold (BL27970, BL27958). A lead isotope analysis of this massive galena yielded Pb207/Pb204 and Pb206/Pb204 ratios of 15.666 and 18.719 respectively. These values are virtually identical to lead compositions of the Devonian Delta massive sulfide deposits in the Alaska Range (148).

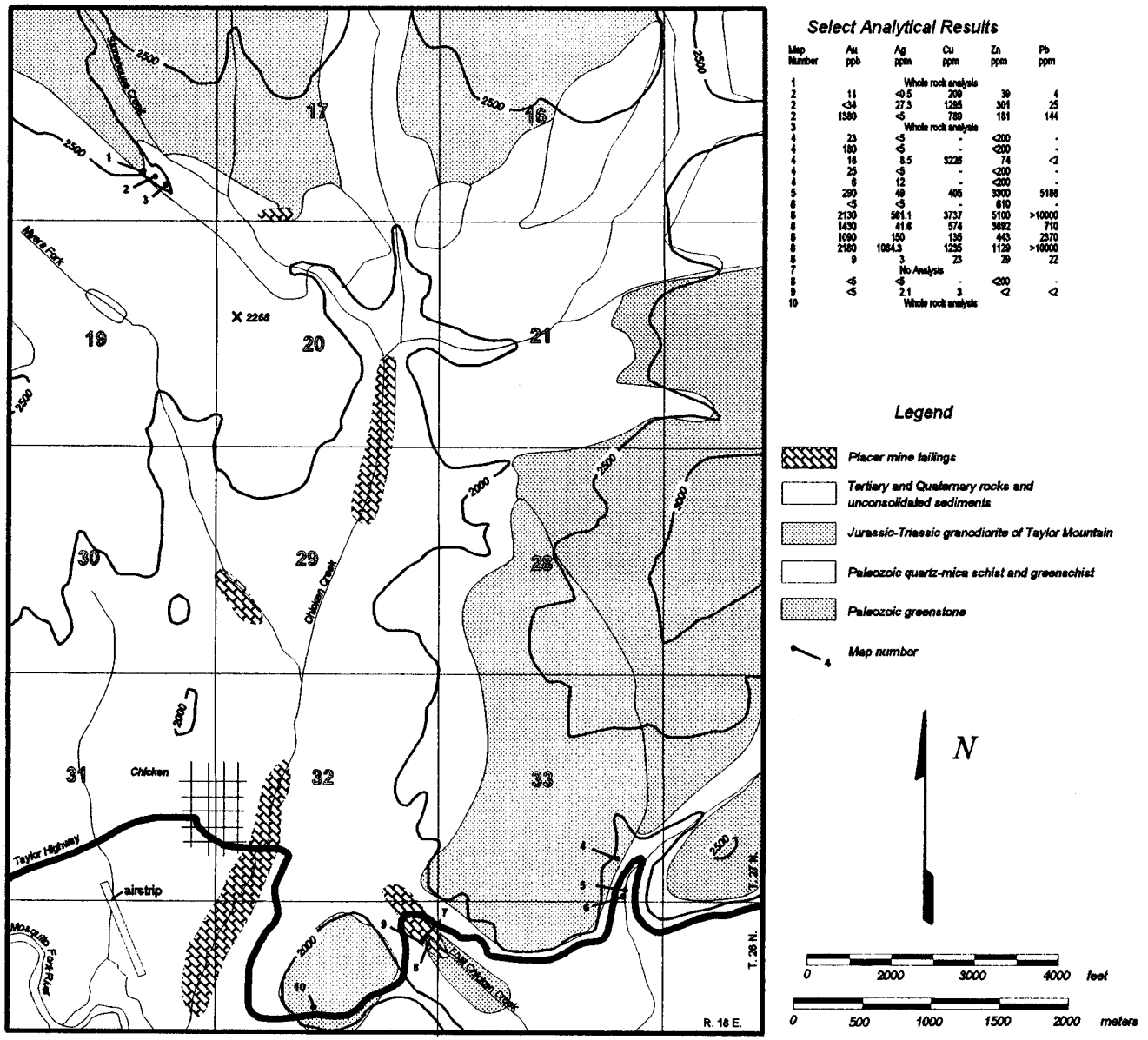
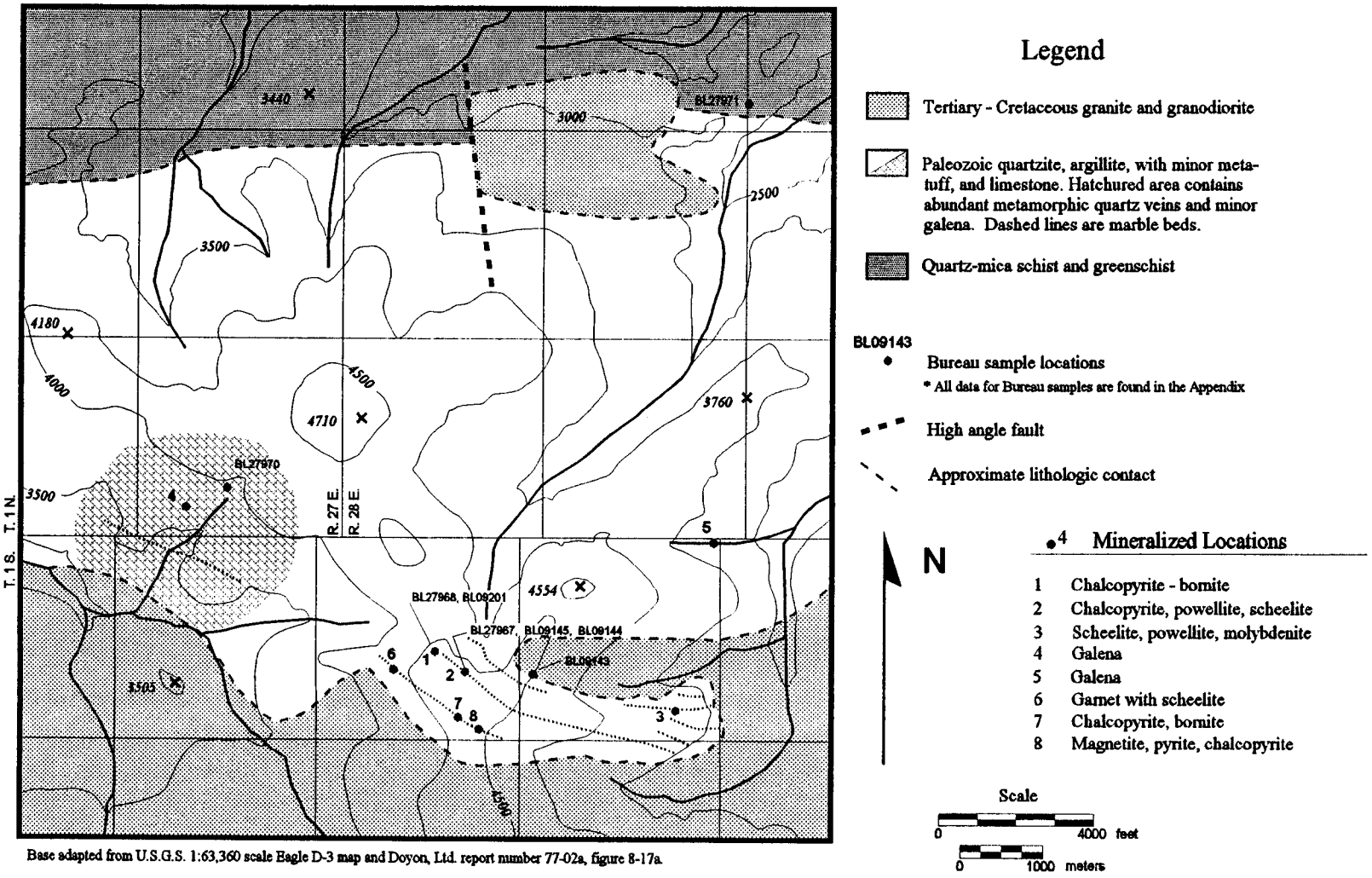


Figure 5 Chicken area - Geology and sample sites.



Base adapted from U.S.G.S. 1:63,360 scale Eagle D-3 map and Doyon, Ltd. report number 77-02a, figure 8-17a.

Figure 6 Deer Creek occurrence - Geology and sample sites.

Eva Creek Prospect

This prospect is located north of Eva Creek, on the middle fork of the Fortymile River drainage. Pyrite and pyrrhotite are found disseminated in gneiss and schist which enclose more highly mineralized marble units containing argentiferous galena, cerrusite, sphalerite, azurite, and malachite filling vugs, boxworks, and veinlets. Previously collected samples from trenches at the prospect contain from 0.4 to 2.0% Cu, 7 to 52% lead, 0.6 to 21% zinc, and 31.0 to 199.0 oz/ton silver (133).

Jurassic syenite and Mesozoic-Tertiary monzonite and granite are exposed approximately 1.6 km east of the prospect. These rocks intrude the Precambrian-Paleozoic metamorphic country rock. Felsic and mafic dikes are reported in the area, but not associated with any of the mineralized sites. Soil samples show extensions of the mineralization to the northeast of the prospect. CEM and VLF surveys have delineated narrow conductors, persisting for up to 122 m in a north-northwest direction. Several holes have been drilled at the prospect, some of which cut sulfide-bearing rocks at depth. Previous reports indicate that precious and base metal replacement or metamorphosed-type deposits remain a viable target at this prospect. Geophysical surveys have been completed on a larger scale along a trend of metamorphic stratigraphy and intrusive contacts (133-134, 136-137).

Three samples were collected by the Bureau of vein and gossan mineralization cut by the trenches at the prospect (fig. B-7). These contain up to 32.4 oz/ton silver, 0.18% copper, 896 ppm antimony, 9.5% zinc (BL07919), and 6.6% lead (BL07920).

Fish Creek Occurrence

The Fish Creek Occurrence is located 27 km west of Mt. Warbelow, in a tributary to the middle fork of the Fortymile River. Stream sediment samples collected in the area in 1976 were anomalous in lead and zinc (120).

Upper Fish Creek is underlain by a Paleozoic sequence of biotite schist, quartzite, and marble that has been intruded by Jurassic lineated hornblende quartz monzo-diorite. Mineralization is associated with a north-south trending fault zone that marks the contact between metasedimentary rocks and monzo diorite (120).

A 1.5 to 3.0 m-wide quartz-carbonate vein and gossan zone containing trace sphalerite and galena is associated with a zone of silicified (hornfelsed) schist and monzo diorite. Samples of fault zone gossan are reported to contain 8 to 24% zinc (120). The fault zone can be traced for 460 m along strike. Soil samples collected west of the fault are anomalous in lead and zinc, but no sulfides were observed.

The Bureau collected a series of samples from the gossan and silicified zones (fig. B-8). These contained greater than 30,000 ppm zinc (BL28951), 6,424 ppm lead (BL28837), and 12 ppm silver (BL28854). A VLF survey, consisting of four lines, was run at right angles to the trend of the fault zone. Crossovers, probably related to the fault, were obtained on all lines (fig. B-9).

There is potential in the area for skarn-type mineralization, especially west of the fault.

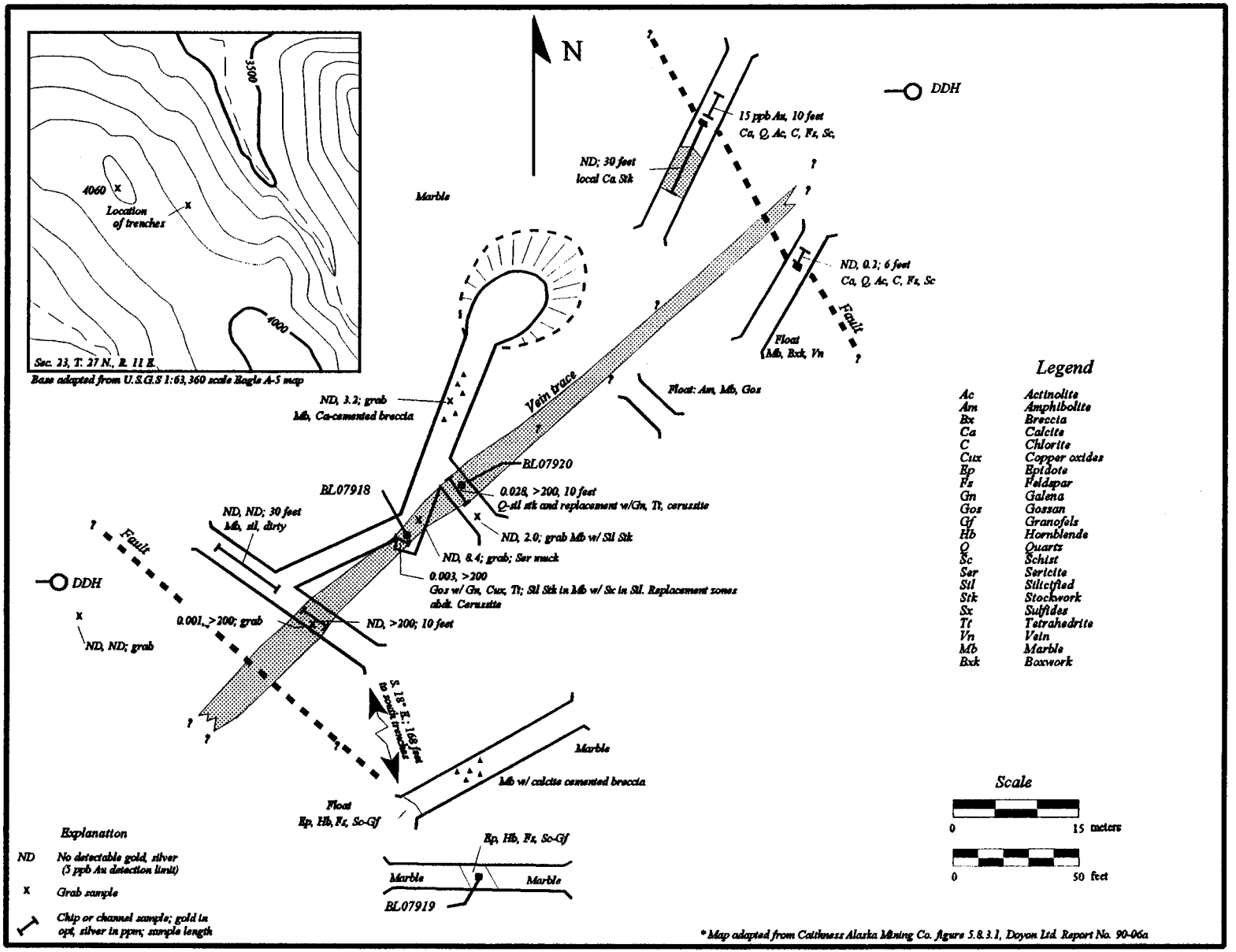
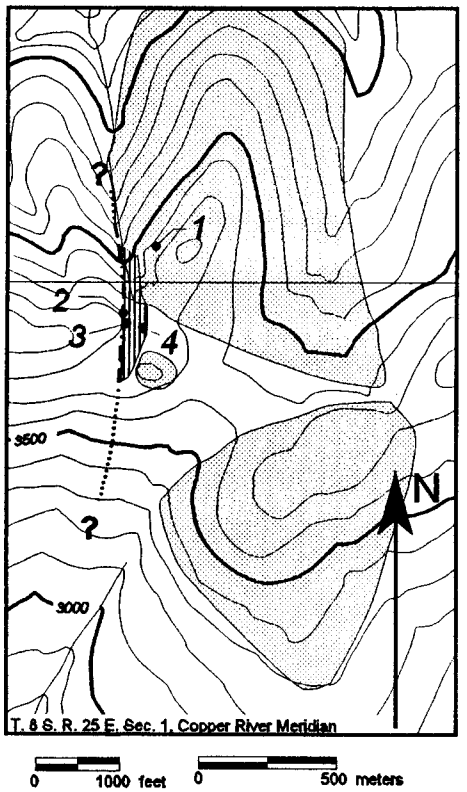


Figure 7 Eva prospect - Geology and sample sites.



Select Analytical Results

Map Number	Sample Number	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
1	BL06358	Major oxide - trace element analysis				
2	BL28854	<5	12.0	-	-	4800
3	BL28951	<5	11.0	-	-	>30000
3	BL28984	<5	1.1	30	469	15000
3	BL28837	<5	8.7	214	6424	27300
4	BL28855	<5	<5.0	-	-	260

Legend

Silicified and bleached schist and quartz monzo-diorite

Jurassic lineated hornblende quartz monzo-diorite

Paleozoic biotite schist, quartzite, and marble

Quartz-carbonate vein and gossan; trace sphalerite and galena: dotted where inferred

Figure 8 Fish Creek occurrence - Geology and sample sites.

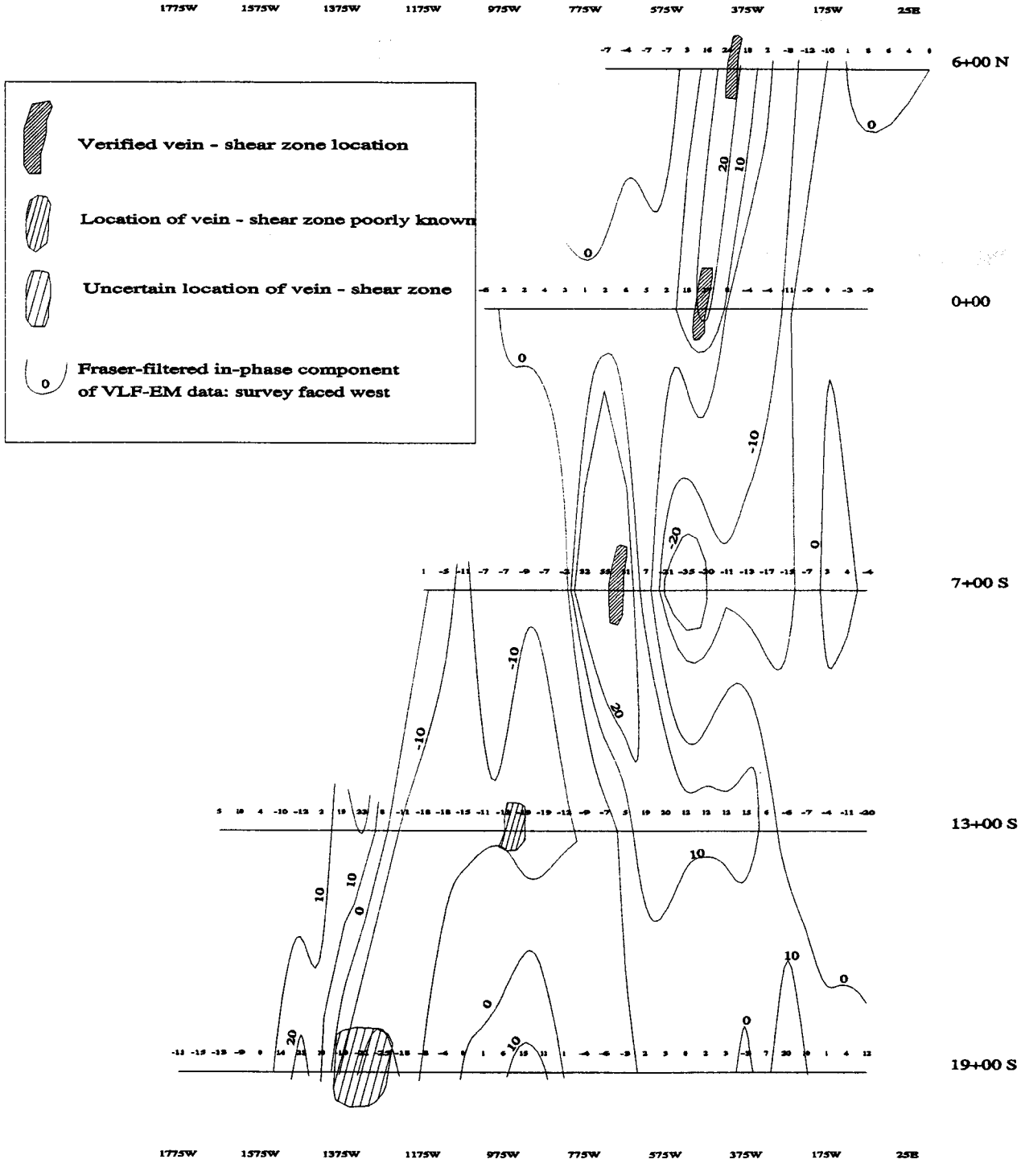


Figure 9 Fish Creek occurrence - VLF survey.

Jay Creek Area

Jay Creek lies along a structurally-controlled belt of silicification which is present in the southern schist belt and the Seventymile terrane across the entire district from Flume Creek to Jay Creek. Silver, gold, and mercury mineralization is reported to accompany the silicification at Jay Creek. A soil sample collected on the ridge, 480 m southwest of Jay Creek, contained 80 ppb gold, 425 ppm arsenic, and 13,000 ppb mercury (142).

A grid was surveyed over the site by the Bureau and soil samples collected at 30 m intervals (fig. B-10). No bedrock is exposed in the grid area which is covered with mixed black spruce forest and areas of open tundra. Soil samples from an anomalous zone on the eastern portion of the grid contained up to 2,438 ppb mercury and 49 ppb gold. Andesitic float was observed in this area which was covered by a thin layer of organic-rich humus. The proximity of weathered bedrock beneath the surface in that portion of the grid may be causing the anomaly.

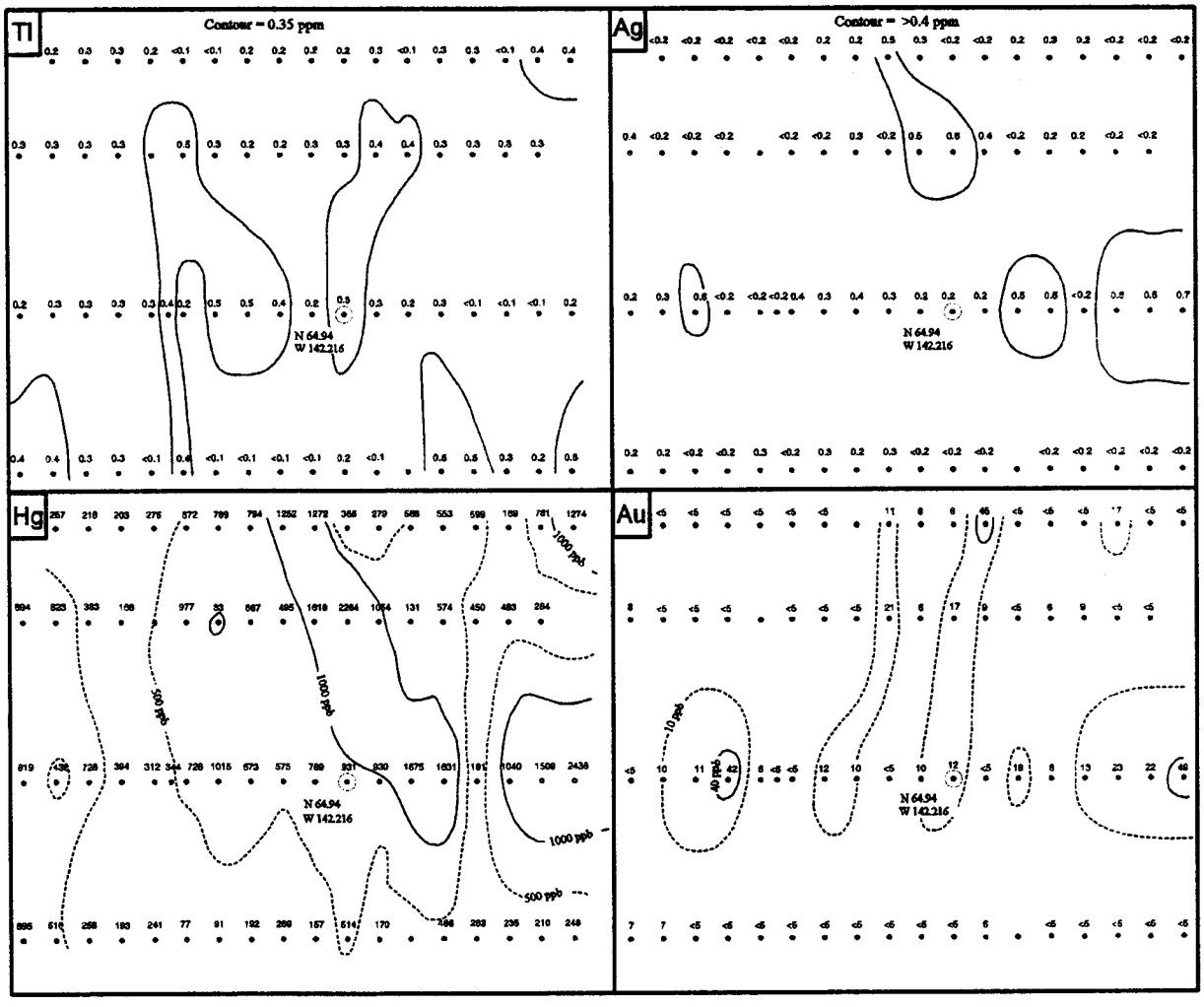
Lead Creek Prospect

The Lead Creek Prospect is located on a ridge between Columbia and Little Champion Creeks, 8 km southwest of the Taylor Highway. The creek is not named on USGS topographic maps. The area is underlain by a sequence of regional and contact metamorphosed Paleozoic chert, quartz mica schist, and meta-tuff. These rocks are enclosed on the north, east, and south by a large greenstone body. Granodiorite intrusives occur in the area. Follow-up by previous investigators of stream silt samples, anomalous in lead, silver, and zinc, lead to the discovery of mineralization.

A black, recessive-weathering graphitic schist unit with a surface expression of 6 by 60 m, contains scattered siliceous nodules. Samples of the nodules contained up to 2.0% lead and 29 ppm silver. Soil samples of the schist were highly anomalous in lead and silver. A 2.5 m-long trench sample of the schist assayed 1.9% lead and 72 ppm silver. Galena was also found in crosscutting gossaneous-quartz veins. A ground magnetic survey detected no anomalies. Two holes drilled over a soil anomaly with an EM response, cut 3 to 24 m of manganese-oxide cemented sandstone, underlain by unmineralized marble. A third hole testing the graphitic schist located no indication of mineralization (117).

The geology of the prospect was mapped by the Bureau and rock and soil samples collected (fig. B-11). A select sample of the siliceous nodules contained 10.7% lead, 112.5 ppm silver, and 1,174 ppm antimony (BL28882). A sample of a feldspar porphyry dike contained 1,309 ppm lead and 2,450 ppm arsenic (BL28885).

It has been concluded by previous investigators that the strongest EM anomaly at the prospect was not drill tested. Also downhill creep may be misrepresenting or obscuring mineral showings in the area. It has been recommended that due to soil transport and alluvial cover, geophysics will be the key to locating new mineral occurrences along Lead Creek (117, 119).



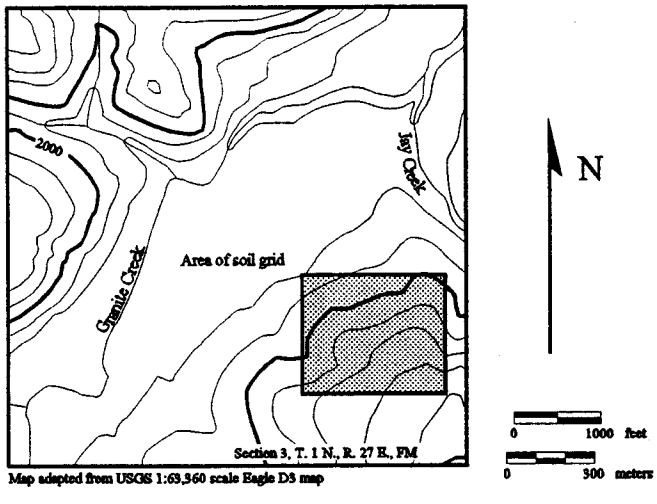
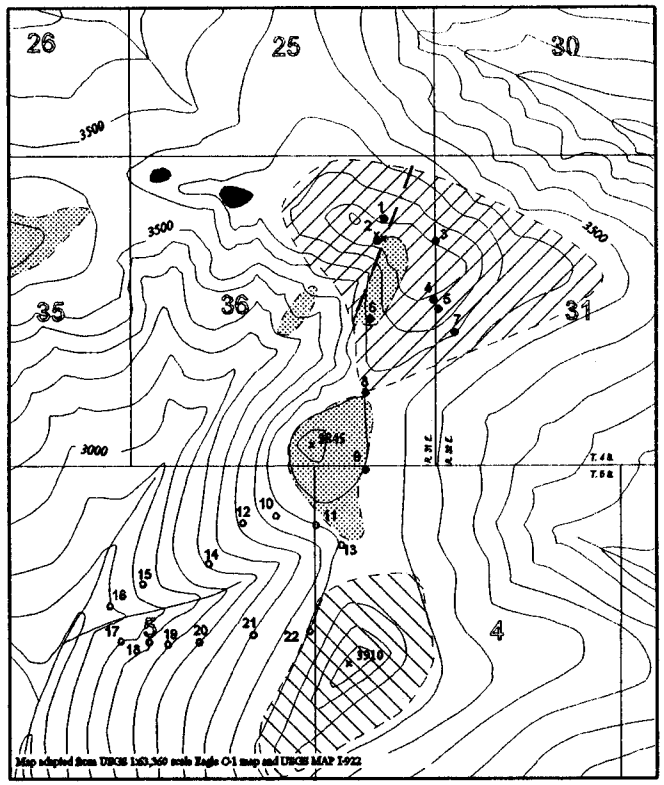
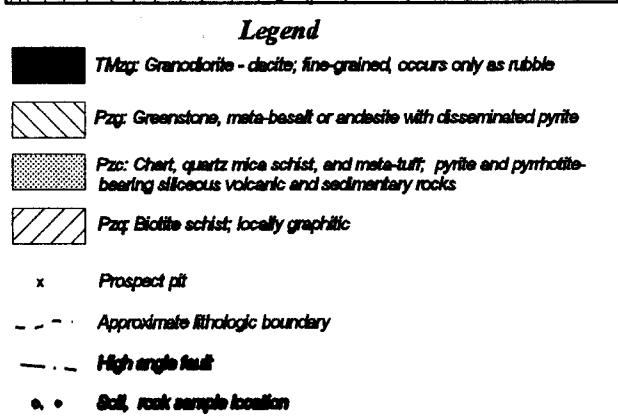


Figure 10 Jay Creek area - Sample site grid.



Map Number	Sample Number	Au ppb	Ag ppm	Pb ppm	As ppm	Sb ppm	
1	BL28881	14	*1.9*	*1866*	*516*	*20.8*	
2	BL28882	-	112.5	10.71%	>1%	1174.0	
3	BL07994	<5	*<0.5*	*20*	*54*	*0.6*	
4	BL28860	6	<5.0	-	20	1.1	
5	BL28861	70	<5.0	-	15	1.2	
6	BL28883	<5	1.9	90	2740	38.8	
7	BL28862	<5	<5.0	-	23	2.3	
8	BL28884	67	6.0	374	310	17.0	
9	BL28885	-	*1.4*	*1309*	*2450*	*16.0*	
10	BL28888	-	0.9	73	-	-	
11	BL28887	-	0.9	96	-	-	
12	BL28889	-	3.3	459	-	-	
13	BL28886	-	1.4	428	-	-	
14	BL28890	-	<0.1	143	-	-	
15	BL28911	-	1.9	90	-	-	
16	BL28912	-	3.1	374	-	-	
17	BL28834	<5	*6.9*	*<2*	*242*	*<5*	
18	BL28833	<5	4.3	56	93	<5	
19	BL28832	<5	5.3	6	125	<5	
20	BL28831	<5	6.4	<2	142	<5	
21	BL28830	<5	5.2	3	160	<5	
22	BL28829	<5	4.2	<2	188	<5	

Italics = analysis by ICP
Bold = analysis by assay
Underline = analysis by atomic absorbtion
All other values by instrument neutron activation





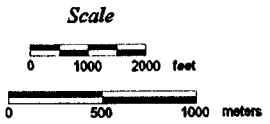


Figure 11 Lead Creek prospect - Geology and sample sites.

Little Enchilada Occurrence

The Little Enchilada Occurrence is located 2.5 km southeast of Mt. Veta on a ridge between two forks of Veta Creek. Little Enchilada is the most significant of several occurrences in the area which include the Oscar skarns and the Mt. Veta Molybdenum Prospect. The Mt. Veta area is underlain by a complex of Jurassic-Cretaceous granitic intrusives including: quartz monzonite, quartz latite, and quartz porphyry. Follow-up of stream silt samples, anomalous in molybdenum, copper, and lead, led to the discovery of quartz-molybdenum veins in altered Jurassic quartz monzonite. Moderately to well developed sericitic/phyllic alteration persists for at least 0.8 km along the ridge (127).

The results of a soil geochemical survey show coincident zones of molybdenum and lead enrichment over an area approximately 488 by 610 m and open in three directions. Anomalous values for copper, silver, and gold occur in altered quartz monzonite as much as 915 m from the area of molybdenite mineralization. Previously collected select samples contain up to 1,640 ppm copper, greater than 100 ppm silver, 450 ppm molybdenum, 1,100 ppm lead, and 585 ppb gold. It has been proposed that the surface exposures of mineralization represent the barely-exposed top of a large porphyry molybdenum system (127, 129, 136, 138).

The Bureau collected a series of rock samples at the occurrence (fig. B-12). These contained up to 3,087 ppm molybdenum (BL07962), 59 ppm copper, and 189 ppm zinc (BL07964).

Lucky 13 Prospect

The Lucky 13 Prospect is located at the headwaters of the Healy River, 3.3 km west of Mt. Harper. Follow-up of stream silt samples, anomalous in tungsten, copper, and molybdenum, lead to the discovery of scheelite-bearing tactite by WGM Inc. on Mt. Good in 1978 (117).

In the Lucky 13 area quartz monzonites dominate the bedrock geology. These are part of a Mesozoic to Tertiary multiphase group of plutonic rocks including granodiorite and lesser amounts of granite, diorite, aplite, alaskite, and pegmatite. Paleozoic metamorphic rocks consist of quartzofeldspathic gneiss, micaceous siliceous schist, and lesser amounts of calc-silicate gneiss and siliceous marble. Skarns are contained within a pendant-type body which appears to be deeply rooted within the plutonic rock system. The depth to which the pendant extends is unknown. The skarns are believed to be spatially and genetically related to the gneissic biotite quartz monzonite, believed to be Paleozoic in age (144). Tungsten-bearing garnet, pyroxene, epidote skarns crop out over a 460 by 1,220 m area. These locally contain up to 4.2% WO_3 and 2.2% copper. The high-grade skarns contain scheelite with accessory pyrite, pyrrhotite, magnetite, chalcopyrite, minor molybdenite, powellites, galena, and sphalerite. The largest individual skarn is approximately 90 by 3 m and up to 7.6 m thick. Approximately 20,000 tons averaging 1.5% WO_3 are exposed at the surface. Small, discontinuous exposures of sulfide-bearing amphibolites also occur in the area with grades averaging less than 0.25% WO_3 (144).

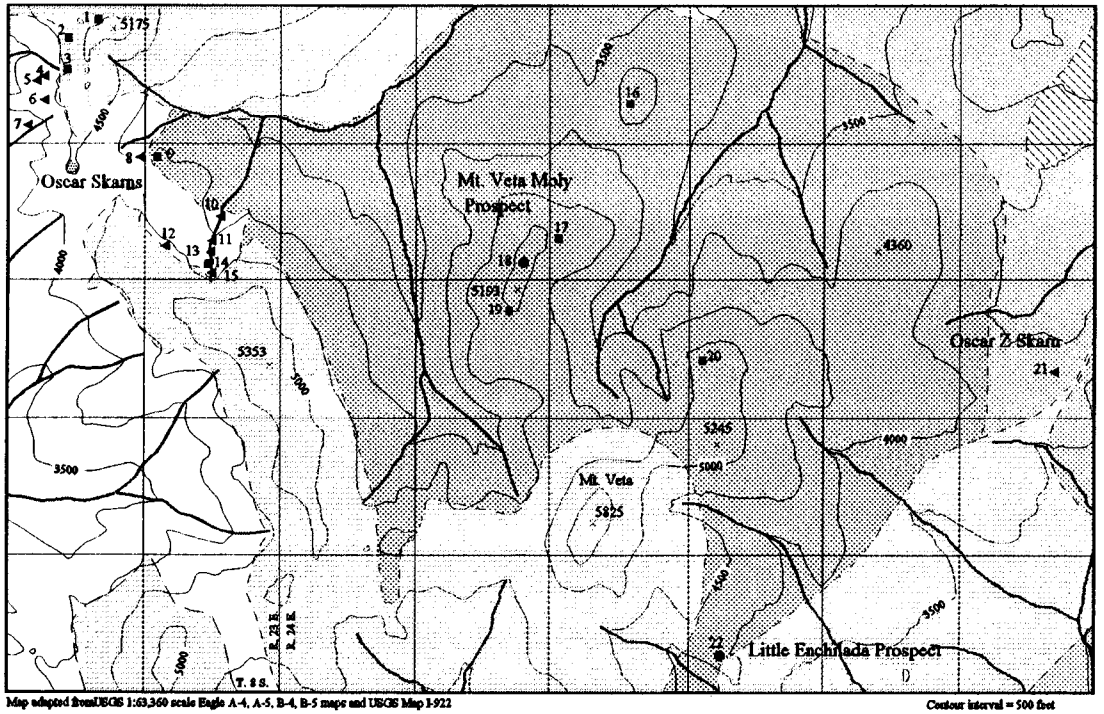
Work by Union Carbide Corp. indicated that the tactite bodies were small, irregular, and discontinuous with grades of up to 1.5% WO_3. In 1981, core drilling was done to test an airborne magnetic anomaly, but not completed due to adverse ground conditions and mechanical failures.

Figure 12 Mt. Veta area - Geology and sample sites.

Selected Analytical Results

Map Number	Sample Number	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm
1	BL07973	<5	<0.5	45	46	142	<5
2	BL07974	Major oxide + trace element					
3	BL07975	<5	<0.5	18	32	96	<5
4	BL07976	110	<0.5	10	121	112	<5
5	BL06200	-	0.2	42	<5	87600	4
6	BL06510	Major oxide + trace element					
6	BL07977	25	<0.5	4	26	2838	<5
7	BL07978	<5	<0.5	4		>30000	<5
8	BL07979	<5	<0.5	<1	38	310	<5
9	BL07980	Major oxide + trace element					
10	BL07981	12	<0.5	<1	58	1110	<5
11	BL07970	No Analysis: petrographic sample					
11	BL07972	<5	<0.5	63	46	211	<5
11	BL07971	10	8.0	5000	<100	24600	15
12	BL07985	10	140.0	-	-	>30000	15
12	BL07986	<5	7.0	209	220	370	<5
13	BL07989	35	12.8	167	730	5153	<5
14	BL07988	Major oxide + trace element					
15	BL07987	10	10.0	2400	200	820	<5
16	BL06201	Major oxide + trace element					
17	BL07995	Major oxide + trace element					
18	BL07997	<5	<5	-	-	<200	<5
18	BL07996	<5	<5	-	-	<200	62
18	BL07998	<5	<5	-	-	<200	<5
18	BL07999	<5	<0.5	29	-	<200	26
18	BL04000	<5	12	-	2600	2800	78
18	BL28840	15	0.5	19	3400	2600	10
18	BL06796	No analysis					
16	BL06517	-	<0.5	31	1208	3444	13
16	BL06516	-	12.1	224	2578	1582	77
19	BL07960	7	8.0	6	28	<200	6
20	BL06515	Major oxide + trace element					
21	BL06362	<5	0.5	-	1174	16473	3
21	BL06361	<5	0.2	-	1688	4498	4
21	BL06360	<5	88.6	-	5284	19137	3
21	BL06128	<5	1.6	-	288	970	4
22	BL07963	Major oxide + trace element					
22	BL07964	11	2.1	88	731	188	248
22	BL07961	<5	<0.5	63	72	72	<5
22	BL07962	<5	<0.5	52	56	97	3087

Additional analytical results are found in the appendix



Map adapted from USGS 1:63,360 scale Eagle A-4, A-5, B-4, B-5 maps and USGS Map I-922

Contour interval = 500 feet

N

Scale

0 1 mile

0 2 kilometers

Legend

- *Jurassic hornblende, K-spar porphyry quartz monzonite*
- *Jurassic-Cretaceous hornblende, biotite granite*
- *Jurassic-Cretaceous hornblende granodiorite*
- *Paleozoic quartzite, marble and biotite schist*
- *Paleozoic quart-mica schist and greenschist with minor marble*
- *Lithologic contact, approximate*

Sample Sites

- ◄ *Skarn, and mineralized skarn: green pyroxene, red and green garnet, vesuvianite, calcite and quartz, copper-lead-zinc skarn. Magnetite, chalcopyrite pyroxene iron skarn*
- ● *Molybdenum porphyry style mineralization: spatially related to quartz-eye porphyry rhyolite dikes or plugs, quartz and fluorite veining, chlorite-greisen altered, brecciated biotite granite: sphalerite, galena and molybdenite mineralization*
- ■ *Pluton or dike sample location*

Since the holes did not reach projected drill depths it was felt that the anomaly was not properly evaluated (118, 144).

The geology of the prospect was mapped by the Bureau at a reconnaissance scale and samples were collected (fig. B-13). These contained up to 7,200 ppm W (BL06599), 4,066 ppm copper (BL06598), and 6,250 ppm molybdenum (BL06595). Surface exposures are small and irregular, but down-dip potential still exists. More drilling has been recommended to test skarns at depth (144-145).

Mitchell Copper Prospect

The Mitchell Copper prospect is located on the west side of Copper Creek, a tributary to the Mosquito Fork of the Fortymile River. The geology consists of local calc-silicate skarn formation within calcareous units of a Paleozoic amphibolite facies schist roof pendant. The roof pendant is approximately 1,524 m long by 152 to 305 m wide and occurs within early Jurassic hornblende-biotite granite. Felsic dikes of uncertain age crosscut the pendant and relations to skarn formation are unknown.

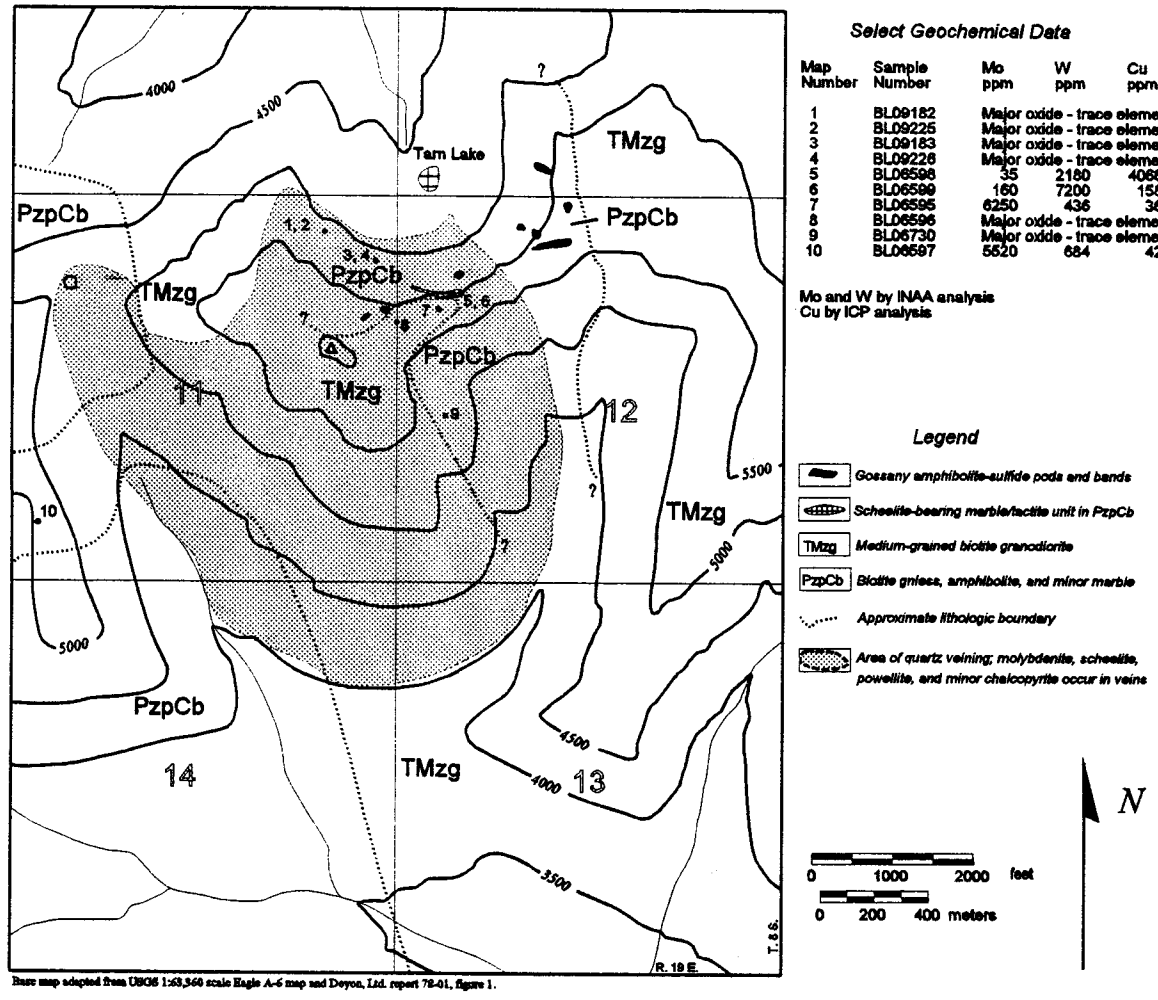
Skarn has been exposed by nine trenches and one short caved adit. Skarn varies from massive green garnet veins in marble to green pyroxene with minor red to green garnet replacing calcareous schist. Locally epidote and quartz veining crosscut the skarn. Mineralization varies from bornite occurring in massive garnet veins to sphalerite with trace chalcopyrite and galena found in scattered pyroxene-garnet skarn rubble crop.

From 1976 to 1977 the prospect was evaluated by WGM Inc. through geologic mapping, magnetometer surveys, and soil sampling (120). The results of the soil sampling indicate zinc mineralization to be more widespread than copper mineralization. Only the obvious copper occurrences are exposed in the trenches.

Select samples, collected by the Bureau contain as much as 5.57 oz/t silver, 1,020 ppb gold, 0.206% bismuth, and 6.48% copper (BL07982-84) (fig. B-14). Carbonate rocks appear to comprise a small percentage of the pendant and often lack skarn formation or sulfide mineralization. The small percentage of skarn formation coupled with a finite and small size of the pendant exclude this occurrence from having the potential to be developed as a significant ore body.

Mogul Bluff Prospect

The Mogul Bluff Prospect is located on a stream bluff, just west of Mogul Creek, a tributary of the Seventymile River. An inferred 90 m-thick zone occurs within Tertiary continental sedimentary rocks and is exposed on the stream bluff. Claims were staked in the area by American Copper and Nickel in 1988 and a soil survey done. Six core holes totalling 735 m were drilled to test soil anomalies (fig. B-15). Core samples contained up to 0.66 g/mt gold across a 3 m intercept. None of the intercepts were economic (143). This mineralized zone appears to be on trend with mineralization at Ptarmigan Hill Prospect, 5.5 km to the west.



Base map adapted from USGS 1:63,360 scale Eagle A-6 map and Doyon, Ltd. report 78-01, figure 1.

Figure 13 Lucky 13 prospect - Geology and sample sites.

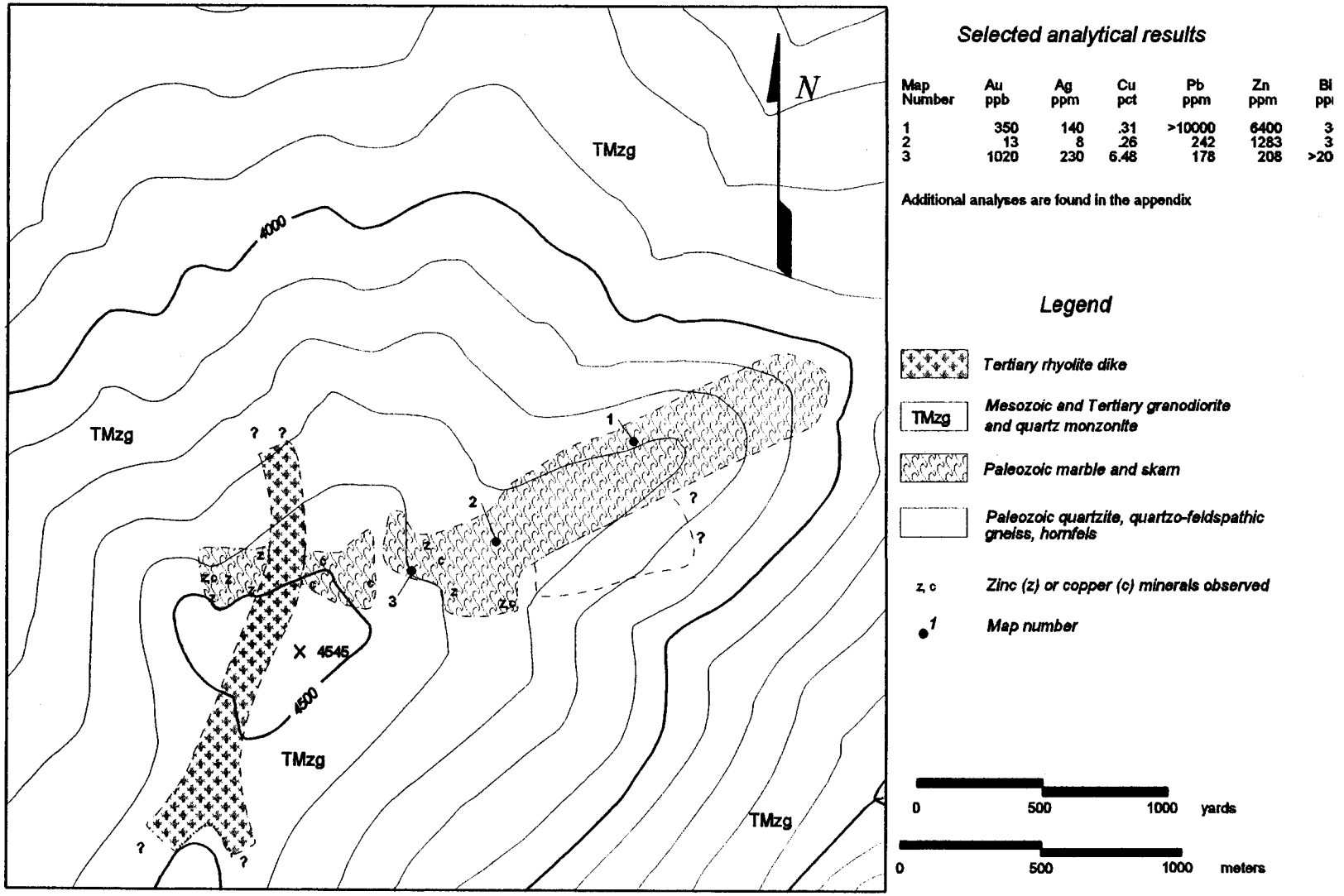
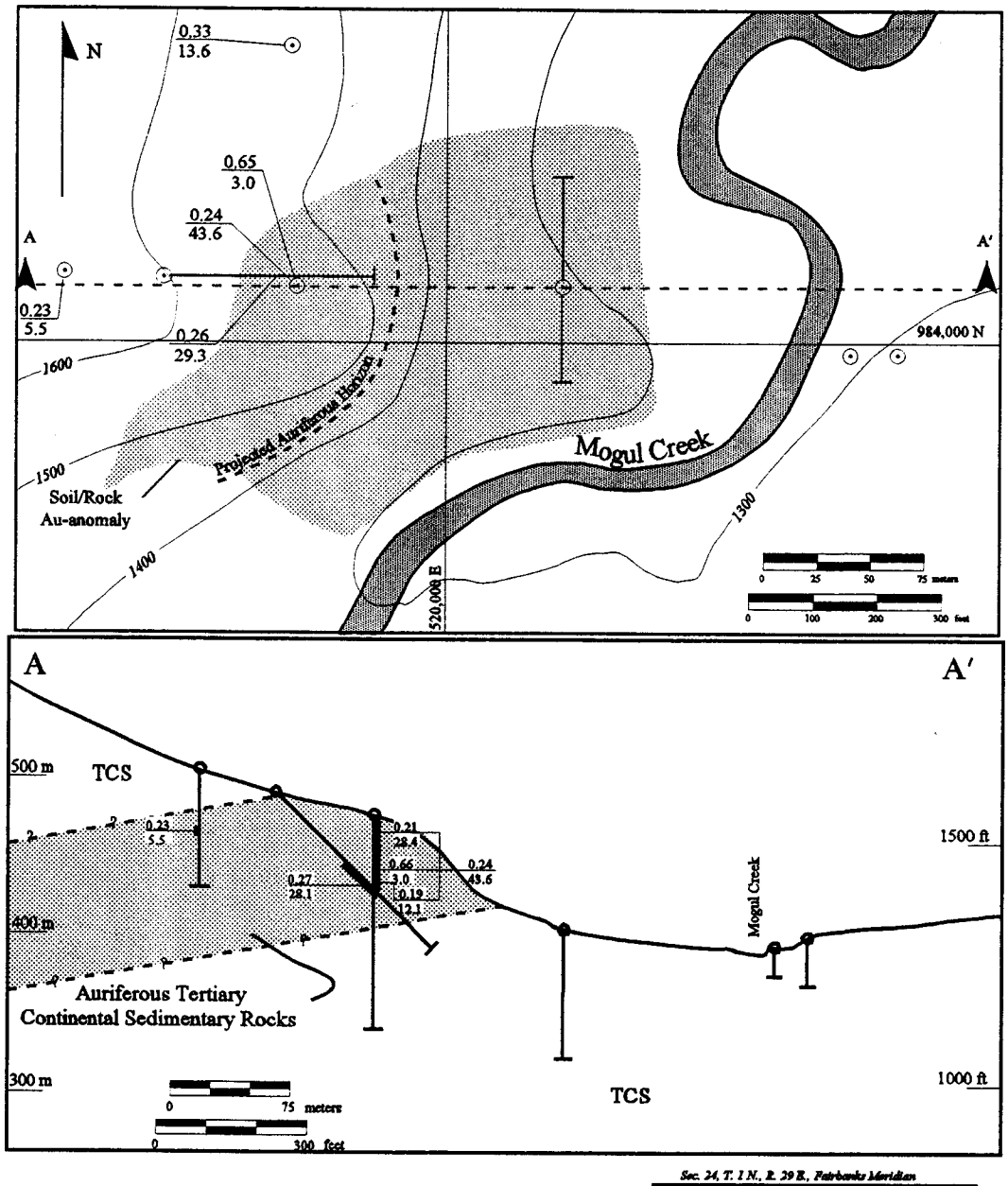


Figure 14 Mitchell Copper - Geology and sample sites.



Legend

TCS	Tertiary continental sedimentary rocks
	Diamond drill hole
0.23 / 5.5	Gold (mg/ton) / length of intercept (meters)

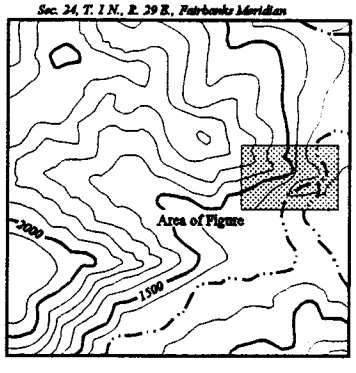


Figure 15 Mogul Bluff prospect - Geology and sample site.

Molly Creek Prospect

Antimony mineralization is hosted in Paleozoic biotite-hornblende-schist that has been intruded by Jurassic quartz monzonite. A buff-white, east-dipping, quartz vein system with marble clasts contains bladed stibnite along drusy vein walls. The vein system is cut for widths of up to 95 m in a series of trenches which expose it for 610 m along strike. Individual veins up to 1.3 m wide are exposed in the trenches. On the hanging wall a beige-weathering marble grades into silicified marble and quartz veining. Silica flooding of the marble has produced "sponge" rock. The marble contains trace stibnite. Drilling indicates the marble horizon may be as thick as 18 m.

The Bureau explored the prospect with a churn drill in 1943. Stibnite was encountered in only one of the seven holes drilled. A composite sample from that hole contained 0.19% antimony. The Bureau reported that several tons of low grade float had been collected (100).

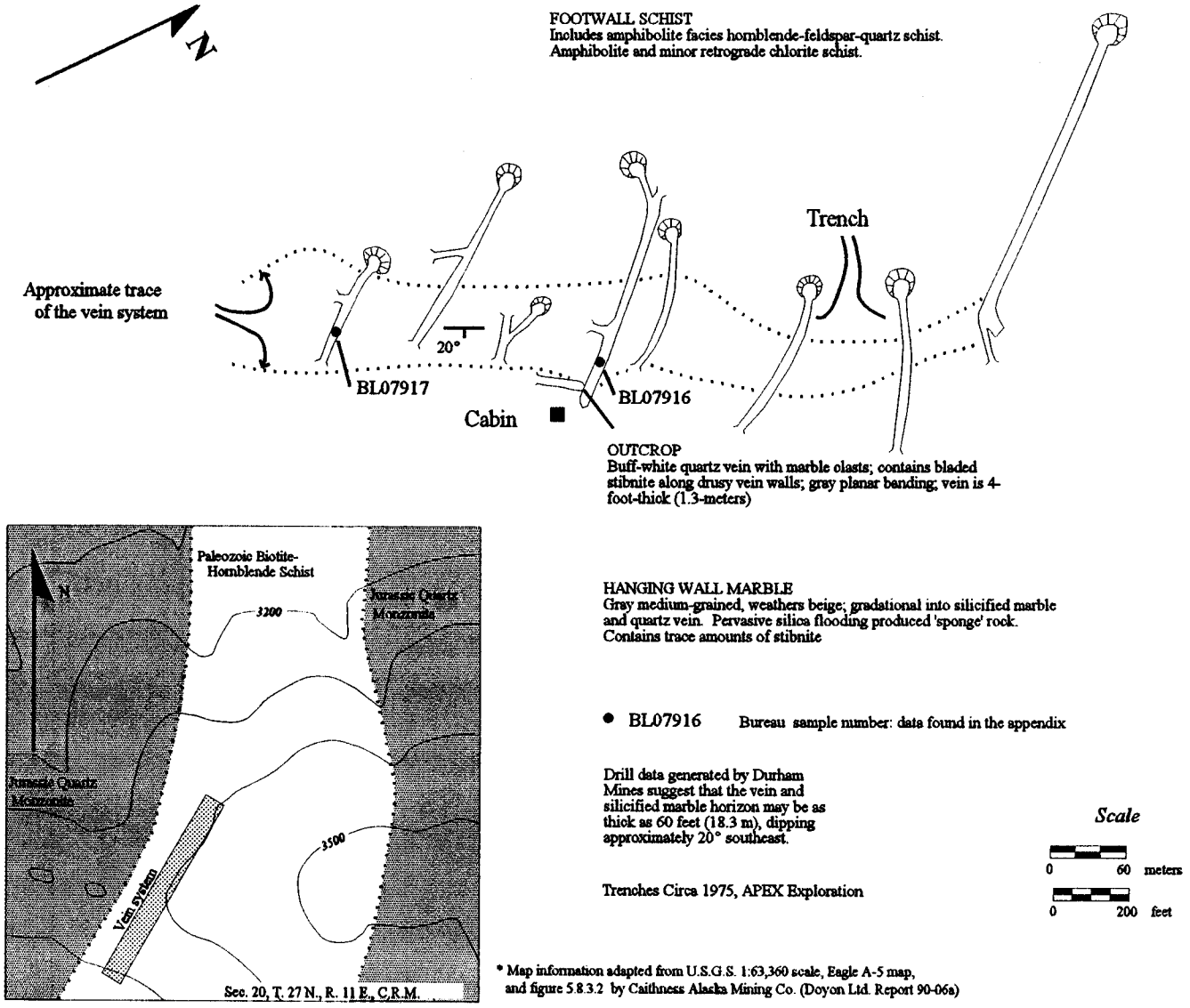
Trenching and drilling were done by Durham Mines in 1974 and 1975 which reported the average grade of the antimony to be low and stibnite shoots small (141). In 1993 the Bureau collected two samples from the trenches. A select sample of stibnite contained 37.7% antimony (BL07916) and a sample of boxworks gossan contained 0.24 oz/ton silver (BL07917) (fig. B-16).

Ptarmigan Hill Prospect

The Ptarmigan Hill Prospect is located on the ridgetop west of Sonickson Creek, a tributary of the Seventymile River. A 3 to 30 m-thick Tertiary unit of coarse conglomerate with interbedded sandstone and siltstone, forms a broad northeast-trending anticline through the prospect. This unit is bounded on the south by Tertiary altered felsic porphyry and on the north by Paleozoic schist. The sediments are crosscut by steeply dipping, north-trending shears, and fractures.

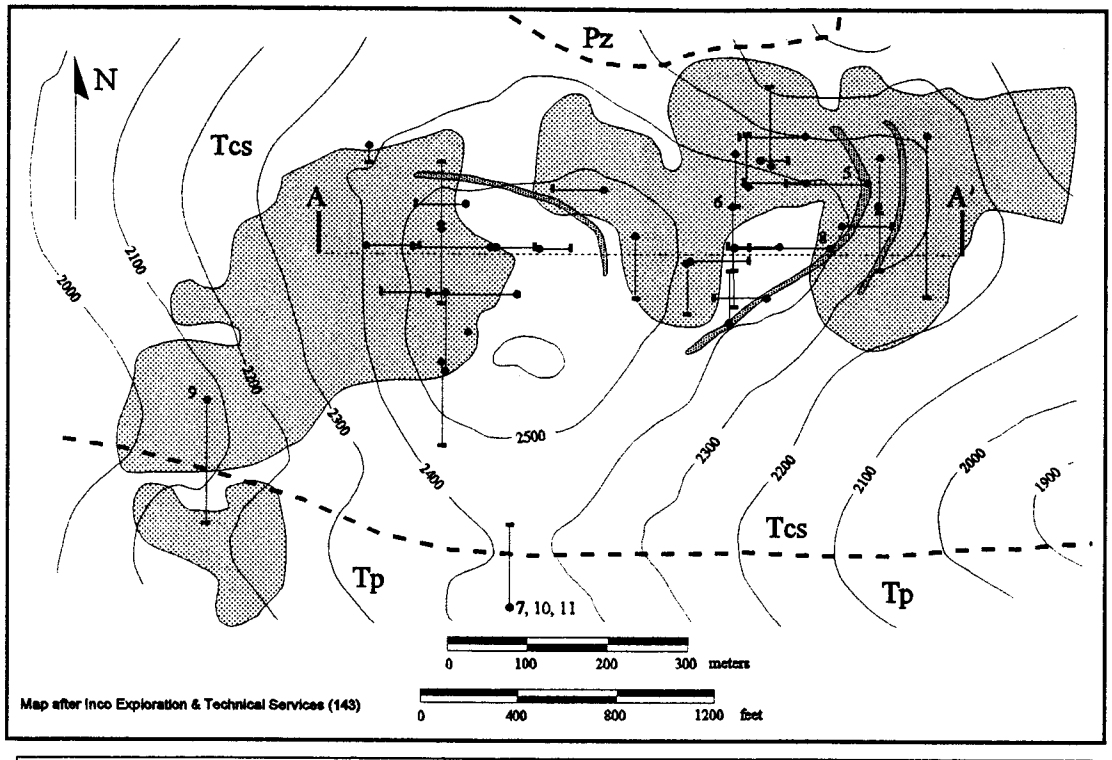
An extensive zone of low-grade gold mineralization (greater than 100 ppb) is associated with weakly to moderately silicified coarse sediments that extend to at least 90 m in depth. Gold, silver, arsenic, mercury, and antimony anomalies represent an epithermal system which flooded permeable conglomerates with weak to moderate silicification. The siltstones seem to have inhibited fluid flow and so are unaltered. The higher gold values appear to concentrate at the siltstone-conglomerate contact with the higher geochemical anomalies located on eroded dipslopes of the contact. Inco Exploration and Technical Services drilled the property in 1988. Core drilling resulted in several significant intercepts. One 24.8 m-wide zone averaged 1.7 g/mt and another 1.2 m-wide zone averaged 20.1 g/mt gold. Drilling also indicates that the contact between Paleozoic sediments and overlying Tertiary conglomerates is a low-angle south-dipping fault (143).

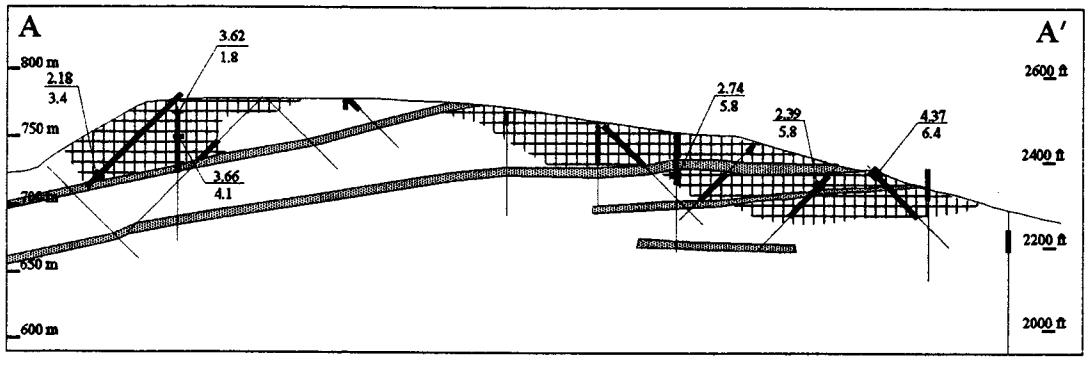
Samples of the limonite-stained, silicified conglomerate collected by the Bureau contained up to 95 ppb gold and 161 ppb mercury (BL09137) (fig. B-17). The Bureau also reanalyzed some of the drill core pulps. A 90 cm interval from one hole averaged 2,599 ppb gold (BL73639). The zones containing significant gold values appear to be thin with little potential for large tonnages.



* Map information adapted from U.S.G.S. 1:63,360 scale, Eagle A-5 map, and figure 5.8.3.2 by Caithness Alaska Mining Co. (Doyon Ltd. Report 90-06a)

Figure 16 Molly Creek prospect - Geology and sample sites.





Scale

0 200 meters

0 400 feet

Legend

3.62 g/t Au
1.8 m
>0.1 g/t Au
>7.5 m
drill hole
Diamond drill hole with gold assay data

Diamond drill hole location

Auriferous conglomerate

Siltstone

Tcs Tertiary conglomerate

Tp Tertiary altered felsic porphyry intrusive

Pz Paleozoic schist

Au > 0.1 ppm in soil samples

Sample Data

Map number	Sample number	Au ppb	Ag ppm	As ppm	Hg ppb
1	BL09137	95	1.8	41	161
2	BL09138	39	1.4	33	121
3	BL09410	Ar-Ar age date (	± Ma; white mica)		
4	BL09428	941	7.6	228	-
5	71581 (77-87)	544	12.1	152	223
6	73639 (158-161)	2599	8.1	299	251
7	73655 (70-75)	113	1.0	48	77
8	71581 (77)	Major oxide - trace element			
9	73640 (412)	Major oxide - trace element			
10	73655 (10-20)	Major oxide - trace element			
11	73655 (20-30)	Major oxide - trace element			
12	BL09139	105	1.3	33	582

Figure 17 Ptarmigan Hill prospect - Geology and sample sites.

Section 21 Prospect

The Section 21 prospect is located 5 km southeast of Mt. Harper, near the headwaters of the Healy River. In 1977 molybdenum mineralization was discovered during follow-up of anomalous stream silt samples. The prospect lies within the Mt. Harper quartz-monzonite-granodiorite intrusive massif. Mineralization and alteration are associated with a 800 m-diameter quartz porphyry-aplite plug. A northeast-trending andesitic to dacitic dike complex intrudes both the quartz porphyry and the surrounding granodiorite (118).

The quartz porphyry-aplite plug contains stockwork quartz-molybdenite veining. Silicification is the dominant alteration type with lesser amounts of sericite and clay.Similar alteration and quartz veining are also present in the granodiorite near the quartz porphyry contact. The quartz veinlets average 1 mm or less in width with the molybdenum being fine grained and hard to identify. Pyrite is the only other sulfide observed and grab samples contained up to 500 ppm molybdenum and 40 ppm tungsten. Milky vein material found as float contained bladed wolframite with scheelite on the edges. Grab samples contained up to 0.4% WO_3 and 14 ppm silver (118).

Airborne magnetic surveys detected a high anomaly centered beneath the altered stock. It was concluded that the low grades of mineralization at the surface would not improve with depth. A single drill hole did not penetrate any mineralization at depth (118, 125, 135).

The Bureau collected rock and soil samples at the prospect (fig. B-18). A sample of wolframite-bearing quartz vein contained 1.7% tungsten and 43 ppm silver (BL07901). A sample of the aplite plug quartz vein contained 180 ppm molybdenum (BL09186). The results of this sampling confirm previous investigations that grades are too low to be economic.

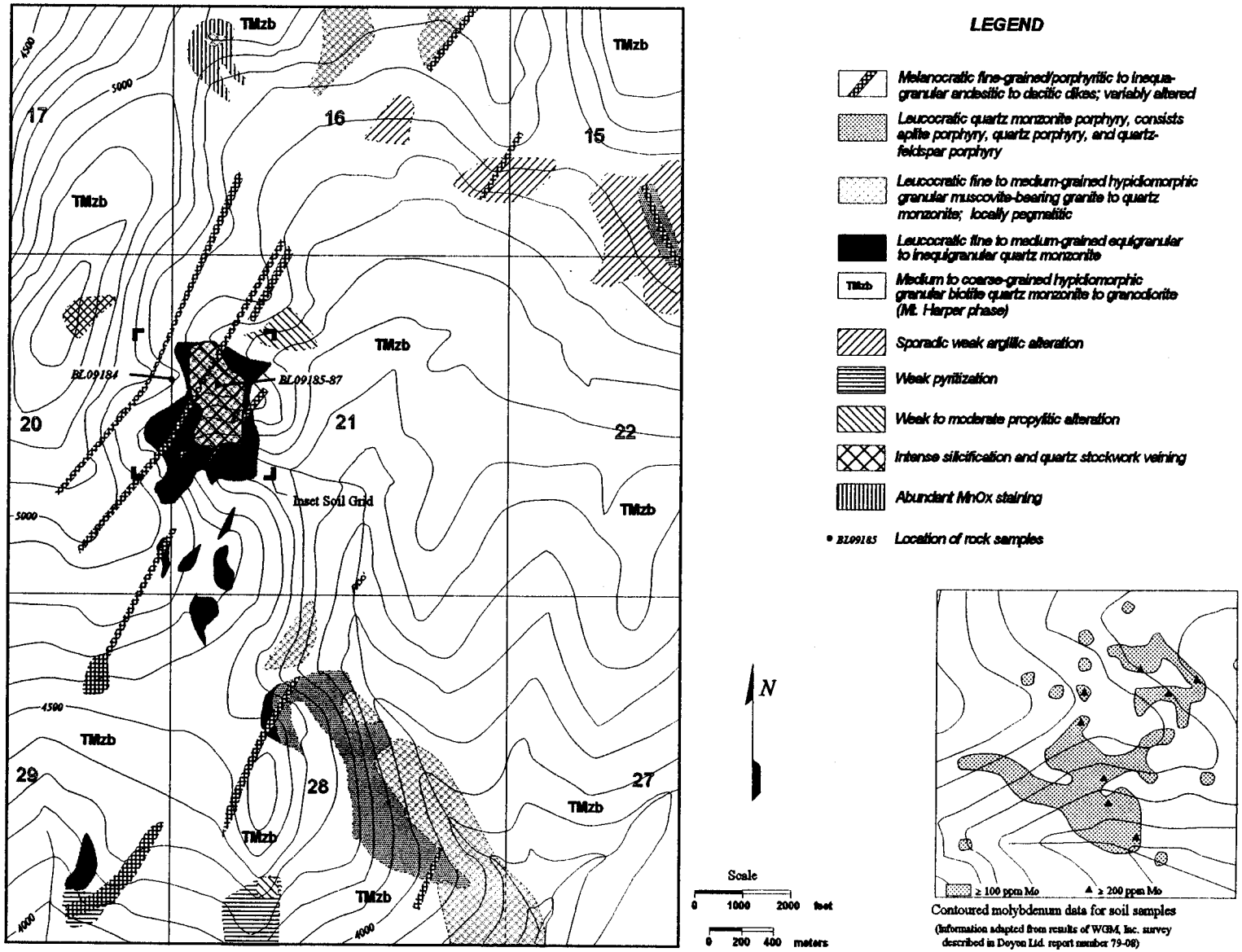
VABM Happy Occurrence

The VABM Happy Occurrence is located approximately 3.3 km southeast of VABM Happy on an unnamed tributary of the Fortymile River. In 1976 scheelite and molybdenite were found in quartz vein and quartz porphyry stockwork float. From this it was inferred that Mesozoic-Tertiary intrusive rocks consisting of mainly quartz monzonite and granodiorite underlie a heavily-vegetated valley. Weak argillic alteration of feldspars is common within the intrusive phases. No sulfides were noted in any of the intrusives. The ridges surrounding the valley are composed of Paleozoic hornfelsed metasediments with local development of garnet-pyroxene-biotite-tremolite skarn (124, 146).

Six skarn-tactite bodies have been mapped at the occurrence. The skarns consist of dark green pyroxene calcsilicate rocks with local wollastonite and distal marble. These locally contain small pods of pyrrhotite-rich tactite up to 2.4 m in diameter. Samples of these pods contain up to 625 ppm copper, 1,900 ppm lead, 6.4% zinc, and 8.6 ppm silver. Quartz vein float boulders contain molybdenite and wolframite. Samples contained up to 0.3 % molybdenum and 0.82% tungsten. A soil survey in the heavily vegetated basin resulted in a molybdenum soil anomaly over a 305 by 457 m area (124).

It was felt by previous investigators that the skarns are small, with a low percentage of sulfide and no tungsten. A vein stockwork deposit did not seem likely due to a lack of evidence

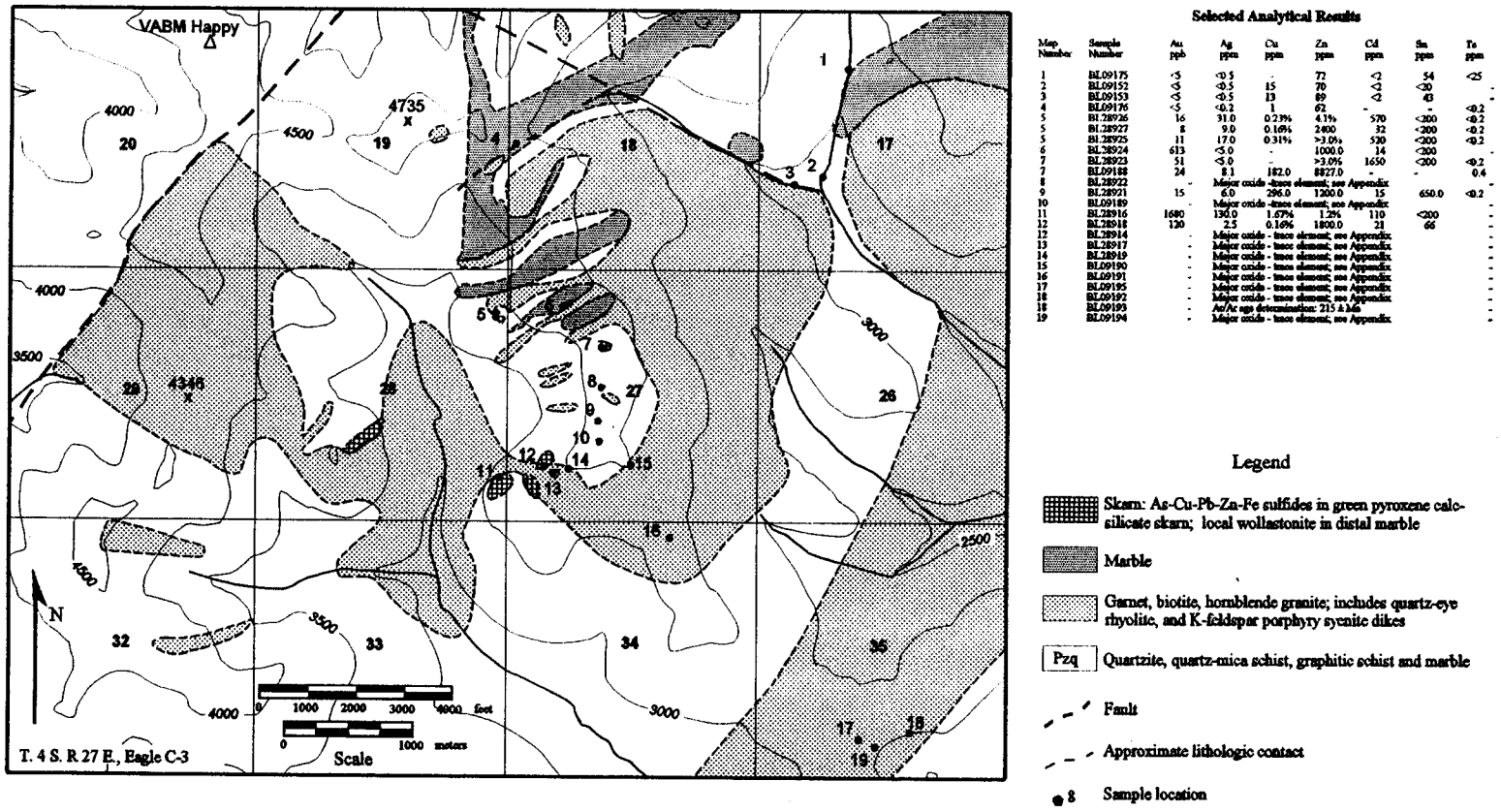
for multiple generations of quartz veining, no significant hydrothermal alteration, lack of float, and weak soil geochemistry (146). A series of samples of mineralized rocks were collected by the Bureau (fig. B-19). A sample of skarn contained 1,680 ppb gold, 130 ppm silver, and 1.67% copper (BL28916). A sample from a massive pyrrhotite boulder contained 3.0% zinc and 1,650 ppm cadmium (BL28923).



Contoured molybdenum data for soil samples

(Information adapted from results of WGM, Inc. survey described in Doyon Ltd. report number 79-08)

Figure 18 Section 21 prospect - Geology and sample sites.



Selected Analytical Results

Map Number	Sample Number	Au ppb	Ag ppm	Cu ppm	Zn ppm	Cd ppm	Sn ppm	Te ppm
1	BL09175	<5	<0.5	-	72	<2	54	<25
2	BL09152	<5	<0.5	15	70	<2	<20	-
3	BL09153	<5	<0.5	13	69	<2	43	-
4	BL09176	<5	<0.2	1	62	-	-	<0.2
5	BL28926	16	31.0	0.23%	4.1%	570	<200	<0.2
5	BL28927	8	9.0	0.16%	2400	32	<200	<0.2
5	BL28925	11	17.0	0.31%	>3.0%	530	<200	<0.2
6	BL28924	613	<5.0	-	1000.0	14	<200	-
7	BL28923	51	<5.0	-	>3.0%	1650	<200	<0.2
7	BL09188	24	8.1	182.0	8827.0	-	-	0.4
8	BL28922	-	-	Major oxide -trace element; see Appendix				-
9	BL28921	15	6.0	296.0	1200.0	15	650.0	<0.2
10	BL09189	-	Major oxide -trace element; see Appendix					-
11	BL28916	1680	130.0	1.67%	1.2%	110	<200	-
12	BL28918	120	2.5	0.16%	1800.0	21	66	-
12	BL28914	-	-	Major oxide - trace element; see Appendix				-
13	BL28917	-	-	Major oxide - trace element; see Appendix				-
14	BL28919	-	-	Major oxide - trace element; see Appendix				-
15	BL09190	-	-	Major oxide - trace element; see Appendix				-
16	BL09191	-	-	Major oxide - trace element; see Appendix				-
17	BL09195	-	-	Major oxide - trace element; see Appendix				-
18	BL09192	-	-	Major oxide - trace element; see Appendix				-
18	BL09193	-	-	Ar/Ar age determination: 215 ± Ma				-
19	BL09194	-	-	Major oxide - trace element; see Appendix				-

Figure 19 VABM Happy - Geology and sample sites.

APPENDIX C - Placer Gravel Summary

Fortymile River Placer Gravels

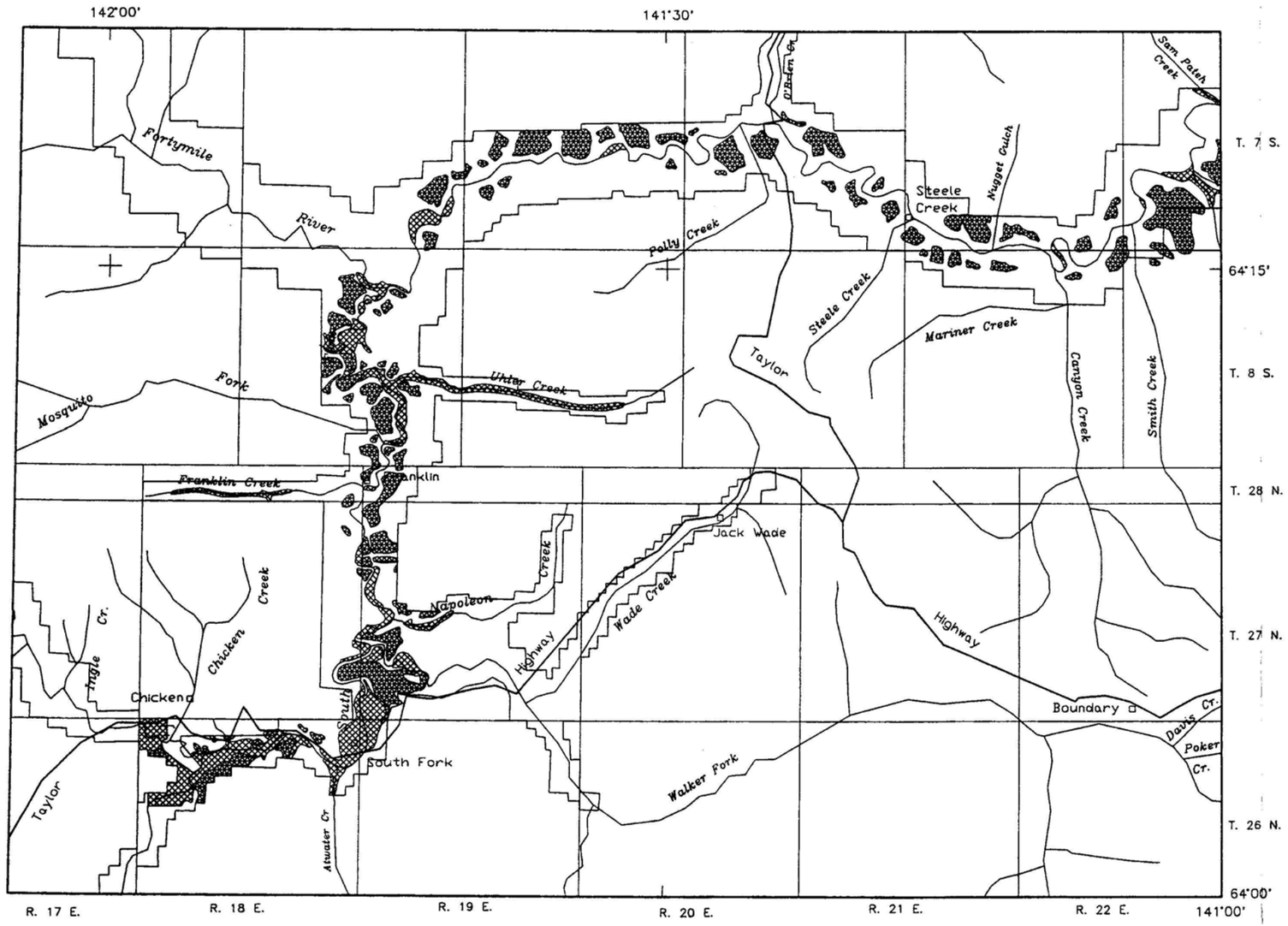
Using previously published geologic maps, a calculation was made of gravels available for placer mining along the Fortymile River from Chicken to the Canadian border (35, 149). The volumes of terrace and alluvial gravels were calculated separately. The average gold grades used were taken from previously published reports (95). The gravel type and location are shown in Figure C-1 and the following is a summary of the calculations:

Terrace gravels = 6,500,000 m^3 (8,502,000 yd^3)

Alluvial gravels = 5,300,000 m^3 (6,932,000 yd^3)

Average grade of alluvial gravels = 0.62 g/m^3 (0.02 oz/yd^3) (95)

Total potential gold content = 3,286,000 g (105,649 oz)



EXPLANATION

Holocene and Pleistocene, flood plain and low terrace alluvium. Gravel, sand, and silt. Gold-bearing.

Early Pleistocene terrace gravels. Primarily gravel and sand with some silt.

Scenic and Wild River Corridor

SOURCES OF MAP DATA

Colp, D.B., Fortymile Placer District Resource Inventory, Alaska. U.S. Bureau of Mines Open File report no. 43-80, 1980, 16p.

Foster, H.L., Reconnaissance Geology of the Eagle A1 and A2 Quadrangles, Alaska. U.S. Geological Survey Bull. 1271-G, 1969, 30 p.

Yeend, W., Gold Placers of the Fortymile River Region, Alaska--A Historic Mining Area. U.S. Geological Survey, unpublished report, 1995, 68 p.

0 2.5 5
Miles

0 5 10
Kilometers

FIGURE C-1. - Fortymile placer gravels.

APPENDIX D - Additional analytical tables.

Table D-1. - Argon/Argon age dates

Sample number	Location	Mineral	Mass	No. of fractions	Integrated age (Ma)	Interpreted age (plateau age)	Comments
BL09193	Happy Mtn.	White mica	0.0695	10	211.0±0.6	214.4±0.6	30-60 mesh (7)
BL09408	Ruby Ck.	Biotite	0.0514	11	100.8±0.4	102.1±0.4	8 fract plateau
BL09311	Eagle, South of Jay Ck.	Hornblende	0.2790	13	183.6±0.6	183.3±0.6	5 fract plateau
BL09311	Eagle, South of Jay Ck.	Biotite	0.0571	11	180.2±0.6	183.6±0.6	8 fract plateau
BL09182	Mt. Harper; Lucky 13	Biotite	0.0656	11	93.9±0.3	94.2±0.3	9 fract plateau
BL09335	North of Happy Mtn.	Hornblende	0.2681	12	181.0±0.7	184.1±0.6	5 fract plateau
94RN214	S-21 Prospect	Sericite	0.0488	12	102.6±0.4	102.7±0.04	7 fract plateau
BL06778	Diamond Mtn.	Hornblende	0.0957	10	196.4±0.1	197.3±0.1	6 fract plateau

Analysis compiled by Geophysical Institute, University of Alaska, Fairbanks, Alaska.

Table D-2. - Lead isotope results

Sample location/ number	206Pb/204Pb	207Pb/204Pb	208Pb/204Pb
Deer Ck./BL27970	18.719	15.666	38.502
Happy Mtn. skarn	19.279	15.652	39.078
Champion II	19.316	15.715	39.368
Champion II (duplicate)	19.327	15.714	39.379
Oscar Z skarn	19.327	15.668	39.187
Granite Ck. /BL28417	19.341	15.752	39.351

Note: Pb isotope ratios are corrected for 0.05%/amu mass fractionation relative to NBS SRM 981; 95% confidence level errors are $<0.1\%$.

Analysis compiled by Chempet Research Corporation, Moorpark, California.

Table D-3. - Sulfur isotope results

Sample location/ number	Description	$\delta^{34}S^{*}$
Fish Ck.	Sulfide	+ 4.7
Moly Tactite/BL28840	Sulfide	+ 4.5
Cameroon Prospect	Sulfide	+ 3.2
Deer Ck./BL27970	Sulfide	+ 7.4
Flume Ck./FC 90-23:265'	Sulfide	+3.3
Purdy Prospect	Sulfide	+ 0.2
Happy Mtn. skarn	Sulfide	+ 1.4
Happy Mtn. skarn (duplicate)	Sulfide	+ 1.1
Champion II	Sulfide	+ 5.9
Oscar Z skarn	Sulfide	- 0.6
Granite Ck./BL28417	Sulfide	+ 8.5

*Unless otherwise noted, analyses are reported on % notation and are computed as follows:

$$\delta^{34}S_{sample}\% = ({}^{34}S/{}^{32}S_{sample} / {}^{34}S/{}^{32}S_{standard} -1) \times 1000$$

Where: And:

$^{34}S/^{32}S$ standard is Cañon Diablo troilite $^{34}S/^{32}S = 0.0450045$

Analysis compiled by Krueger Enterprises, Inc., Geochron Laboratories Division, Cambridge, Massachusetts.