The Role of Transverse Faults in Late Gold Mineralization: A Structural Study of the Maskinonge Lake Fault, Michipicoten Greenstone Belt, Ontario

by

Zachary Victor Adam

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Author's Declaration

This thesis consists of material all of which I authored or co-authored: see Statement of Contributions included in the thesis. This is a true copy of the thesis, including any required final revisions, as accepted by my examiners.

I understand that my thesis may be made electronically available to the public.

Statement of Contributions

This thesis is my own work. Alamos Gold Inc. collected the channel samples as part of their exploration program and provided the multi-element data used in Figures 4.2, 4.3, 4.4, 5.9, 5.10, 5.11, and 6.5.

Abstract

The Maskinonge Lake fault is a late NW-striking fault that occurs at a high angle to the structural features of the gold-producing Goudreau Lake Deformation Zone (GLDZ) in the Michipicoten greenstone belt. The fault is populated with zones of high-grade gold mineralization along its strike and represents an uncommon setting for orogenic gold deposits in the Superior Province. Three phases of fault movement (D_4–D_6) are identified that postdated the main structural features of the GLDZ (D_1–D_3). D_4 dextral shearing resulted in the initiation of the Maskinonge Lake fault and the development of fault-parallel foliation. The fault was reactivated during D_5 sinistral progressive brittle-ductile deformation and included the emplacement of steeply dipping fault-parallel quartz vein arrays and extensional en echelon veins. Structural analysis of these veins shows that structures associated with D_5 deformation are subvertical and occurred during transpression. D_6 sinistral faulting is responsible for the brecciation of earlier features and ~1 km of strike-slip stratigraphic displacement with little to no vertical movement.

The Pine-Breccia gold occurrence is found along the Maskinonge Lake fault and consists of rocks that have undergone pervasive silica alteration within the fault zone. The centre of the alteration halo contains a gold- and copper-bearing fault-filling “main vein”. Both the fault and main vein are located along the contacts of a NW-trending Matachewan dyke, while gold concentrations in the main vein are enhanced at the intersection between the Maskinonge Lake fault and ENE-striking shear zones. These structural controls provide additional constraints for favourable sites of mineralization along late high-angle transverse faults and support these structures as viable gold exploration targets.

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I would like to thank my co-supervisors, Dr. Shoufa Lin and Dr. Chris Yakymchuk, who provided endless guidance, support, and insight, helping to produce (what I hope) is sound science. I would like to also acknowledge Dr. Jen Parks, Dr. Cees van Staal, and Dr. Yuri Leonenko, for their constructive feedback and contributions to the writing of this thesis. This thesis was funded by the Mitacs Accelerate program.

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Dedication

To Lyra and Clover, for keeping my chair warm.

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Chapter 1: Introduction

Orogenic gold deposits represent many of the largest gold deposits worldwide and are the source of more than 75% of gold extracted throughout history (Phillips, 2013). The Superior Province, which composes much of the Canadian Shield, is one of the highest-producing gold regions in the world (Colvine et al., 1988; Goldfarb et al., 2005).

The Michipicoten greenstone belt is hosted in the southern margin of the Superior Province (Card & Ciesielski, 1986) and is an area with significant economic potential, one which has been a subject of exploration and mining operations for decades (Sage, 1994). Currently, the Island Gold deposit, owned and operated by Alamos Gold, contains an estimated 4.1 Mt of ore in total reserves with an average grade of 10.1 g/t Au and an additional 7.9 Mt of inferred resources with an average grade of 13.6 g/t Au for an estimated total of 4.8 Moz of gold (Bourgeault et al., 2022). Mineralization is associated with east-striking, steeply dipping vein systems occurring parallel to stratigraphy within the regional high-strain Goudreau Lake Deformation Zone (GLDZ). The main ore body plunges eastward, and is projected to intersect the northwest-striking Maskinonge Lake fault, a major brittle-ductile structure with apparent sinistral motion that displaces stratigraphy by over a kilometre (Sage, 1994). Local gold enrichment and intense hydrothermal alteration in zones along the fault imply that it functioned as a conduit for gold-bearing hydrothermal fluids (Perkins, 2001). Although the Island Gold deposit exhibits numerous similarities to other major orogenic gold deposits in the Superior Province, the presence of late gold-bearing transverse structures occurring at a high angle to major east–west-striking shear zones is incompatible with the conventional genetic orogenic gold model (Dubé & Mercier-Langevin, 2020; Goldfarb et al., 2005), and may instead belong to a separate subset of orogenic gold deposits. Despite their mineralization potential, these transverse structures have

been overlooked in previous exploration frameworks, therefore the timing and structural controls of these deposits are poorly understood. The Maskinonge Lake fault thus presents an excellent opportunity to investigate late high-angle fault-hosted gold mineralization in the vicinity of major gold deposits.

1.1 Objectives

The primary objectives of this thesis are to (1) resolve the kinematics, extent, and geometry of the Maskinonge Lake fault, (2) evaluate temporal and genetic relationships between the local structures, alteration, and mineralization, and (3) incorporate the findings of this thesis into the geological context of the Island Gold and GLDZ area. Integrating the criteria for this style of gold mineralization into the existing structural framework may lead to future exploration of similar high-angle structures in greenstone belts.

This thesis is divided into six chapters. Chapter 2 provides the geological context and background for the Island Gold deposit and study area. Chapter 3 outlines the methods used in this research. Chapters 4 and 5 summarize the results of field mapping and structural analysis, along with geochemistry and isotope signatures of mineralization. Chapter 6 discusses the significance of these results as they pertain to the objectives of the thesis. Chapter 7 presents conclusions and propositions for future work. Supplementary information is included in the Appendices.

Chapter 2: Geological Setting

2.1 Superior Province

The Superior Province (Fig. 2.1) is one of the oldest Archean cratons in the world and is composed of terranes that amalgamated through five north-south accretionary events from 2.8–2.6 Ga (Percival et al., 2012), though the exact mechanism of cratonization is contentious and may involve a vertical plume-induced component (Bédard, 2006; Harris & Bédard, 2014; Lin, 2005). The first of these collisions occurred between the Hudson Bay and North Caribou terranes, with the latter acting as a nucleus from which the Superior Province developed (Lin et al., 2006; Percival et al., 2006). This was followed by the Uchian Orogeny from 2720–2700 Ma marked by the northward collision between the North Caribou terrane and the Winnipeg River terrane during southwest-dipping subduction that was followed by penetrative deformation and brittle-ductile faulting (Bethune et al., 2006). The amalgamation of the Wabigoon terrane onto the developing Composite Superior Superterrane marks the Central Superior Orogeny at 2700 Ma (Percival et al., 2012), although there is uncertainty about the timing and nature of the collision. The docking of the Wawa-Abitibi terrane onto the Wabigoon terrane during the Shebandowanian Orogeny is documented by transpressive deformation recorded in greenstone belts generated between 2685 Ma and 2680 Ma (Corfu & Stott, 1998). The final accretionary event at 2680 Ma juxtaposed the Minnesota River Valley terrane onto the Composite Superior Superterrane during the Minnesotan Orogeny (Percival et al., 2012), and is speculated to have resulted in the rapid uplift of the Wabigoon plateau (Percival et al., 2004).

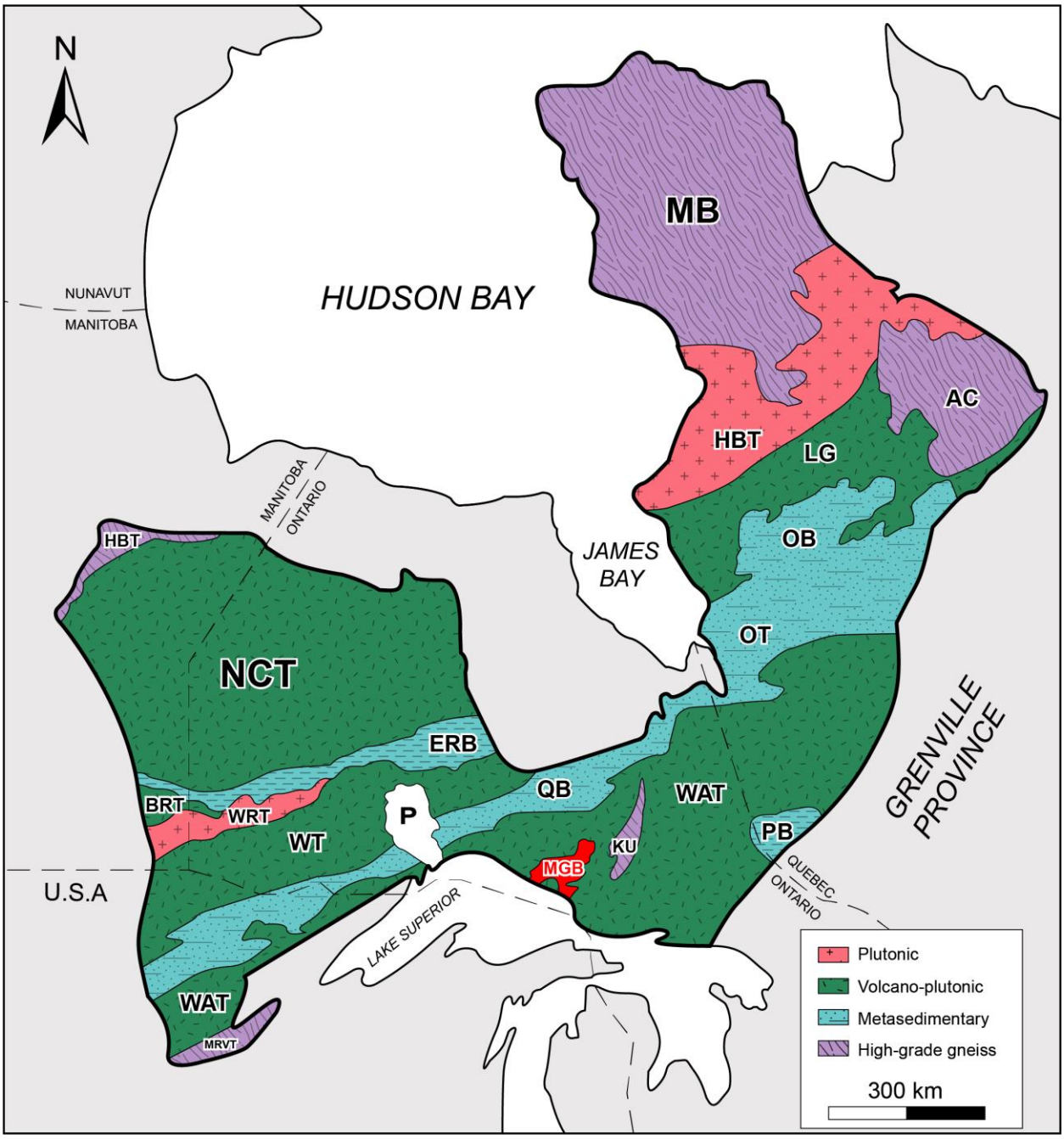


Fig. 2.1: Simplified map of subprovinces of the Superior Province (modified from Card, 1990; Percival et al., 2012). The Michipicoten greenstone belt is highlighted in red. Abbreviations: AC - Ashuanipi complex; BRT – Bird River terrane; ERB – English River Belt; HBT – Hudson Bay terrane; KU – Kapuskasing uplift; LG – La Grande domain; MB – Minto block; MGB – Michipicoten greenstone belt; MRVT – Minnesota River Valley terrane; NCT – North Caribou terrane; OB – Opinaca belt; OT – Opatica terrane; P – Paleoproterozoic cover; PB – Pontiac belt; QB – Quetico belt; WAT – Wawa-Abitibi terrane; WT; Wabigoon terrane; WRT – Winnipeg River terrane.

2.1.1 Orogenic gold deposits in the Superior Province

Orogenic gold deposits are often recognized by their genetic association with metamorphosed supracrustal rocks (i.e., greenstone belts) and complex structural histories (Dubé & Mercier-Langevin, 2020; Goldfarb et al., 2005). Greenschist–facies metamorphism under brittle-ductile conditions is more favourable to the initiation of extensional/shear fractures and veins than higher metamorphic grades, which is consistent with the widespread spatial association between greenstone belts and gold districts (Goldfarb et al., 2005). These gold deposits are often linked to deep-rooted, first-order faults through second and third-order structures in greenschist to lower amphibolite-grade metamorphosed rocks (Dubé & Mercier-Langevin, 2020). In a metamorphic model of gold mineralization, fluids are sourced from the devolatilization of hydrated rocks during the greenschist to amphibolite transition during a P-T path typical of orogenic belts (Gaboury, 2019) and thus are generally localized to convergent margins during compressional or transpressional events (Groves et al., 1998). Linking gold deposits to specific rock types is often discussed and remains contentious, although mafic and metasedimentary rocks are particularly plausible sources of gold (Tomkins, 2013), which are leached by chloride or hydrogen-sulphide-bearing fluids (Gaboury, 2019). Complex fault systems provide necessary conduits for the migration of gold-bearing fluids from deep amphibolite-facies sources to upper crustal precipitation sites, and a wide variety of kinematic settings have been recognized as hosts for major deposits worldwide (Vearncombe & Zelic, 2015). Although the metamorphic grade and fluid chemistry are important aspects of the mobilization of gold, it is the crustal architecture and structural geometry that impart the most critical control on developing favourable environments for orogenic gold mineralization (Groves et al., 2018).

Gold deposits across the Superior Province, particularly those within greenstone belts across the Wawa-Abitibi terrane, are predominantly recognized as syn-orogenic with north–south accretion events and are therefore controlled by east–west trending, steeply dipping structures (Fig. 2.2) subparallel to the terrane boundaries (Erickson, 2010; Leclair et al., 1993; Percival et al., 2012; Wilkinson et al., 1999). Smaller scale structural discontinuities (i.e., dilational jogs, tension fractures, etc.) along strike of these major deformation zones host the majority of deposits and explain the variability of mineralization within a shear system (Colvine et al., 1988). A significant amount of world-class orogenic gold provinces are found in Neoarchean greenstone belts (Goldfarb et al., 2001), many of which exhibit evidence of fluid movement through late-tectonic major shear zones (Percival et al., 2012). However, gold deposits associated with structures at a high angle to these major shear zones may also be viable for gold mineralization (e.g., Lin & Corfu, 2002) and have been suggested as a potential secondary class of orogenic gold deposit.

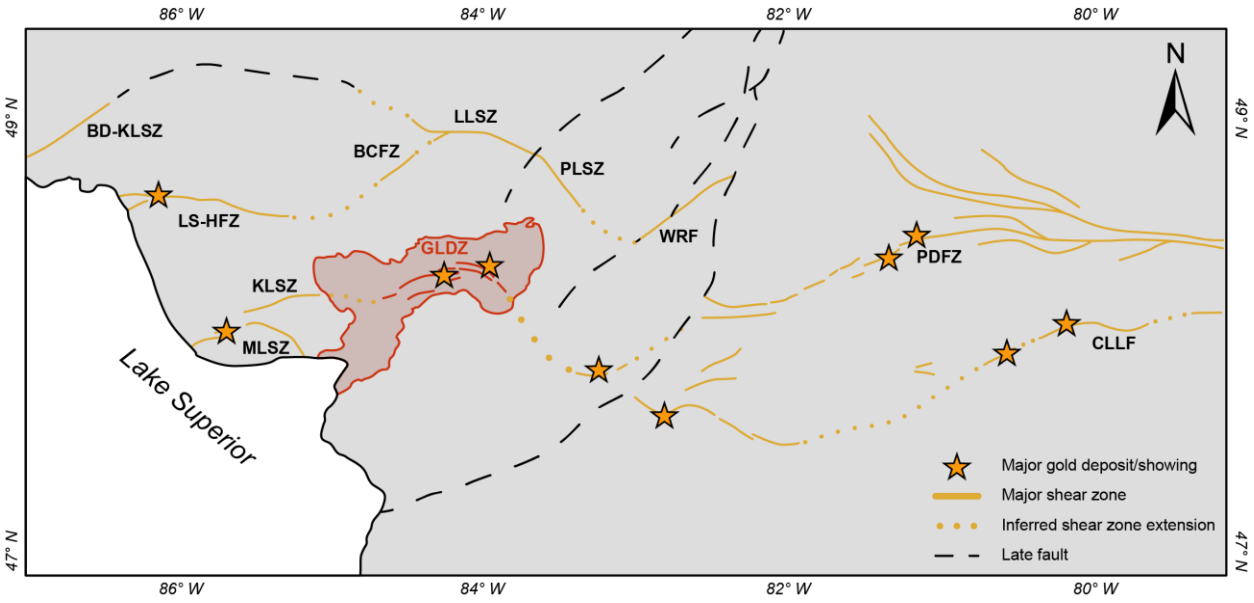


Fig. 2.2: Distribution of major shear zones and gold deposits across the Wawa-Abitibi terrane (modified from Leclair et al., 1993). Major gold deposit locations are retrieved from Percival (2007) and Dubé and Mercier-Langevin (2020) The Michipicoten greenstone belt and Goudreau Lake Deformation Zone are highlighted in red. Abbreviations: BD-KLSZ – Big Duck-Killala Lake shear zone; BCFZ – Bear Creek fault zone; CLLF – Cadillac-Larder Lake fault; GLDZ – Goudreau Lake deformation zone; KLSZ – Kabenung Lake shear zone; LLSZ – Langdon Lake shear zone; LS-HFZ –Lake Superior-Hemlo fault zone; MLSZ – Mishibishu Lake shear zone; PDFZ – Porcupine-Destor fault zone; PLSZ – Puskuta Lake shear zone; WRF – Wakusimi River fault.

2.2 Michipicoten Greenstone Belt

The Michipicoten greenstone belt (MGB) is located within the western Wawa-Abitibi terrane on the southern margin of the Superior Province (Fig. 2.1) and is bounded by Lake Superior to the west and the Kapuskasing Structural Zone to the east (Sage et al., 1996). The greenstone belt consists mainly of supracrustal volcanic and sedimentary rocks along with intrusive lithologies throughout the belt (Fig. 2.3). The volcanic rocks can be grouped into three distinct assemblages (Fig. 2.4), each exhibiting mafic–felsic bimodal volcanism (Sage et al., 1996). These volcanic assemblages have crystallization ages of 2900 Ma, 2750 Ma, and 2700 Ma based on zircon U-Pb geochronology (Turek et al., 1982, 1984, 1992) and accordingly are

referred to as cycles 1, 2, and 3. Regional deformation and subsequent greenschist facies metamorphism are pervasive throughout the greenstone belt (Studemeister, 1983).

The 2900 Ma cycle, also known as the Hawk assemblage (Williams et al., 1991), consists of poorly exposed komatiitic flows capped by intermediate to felsic tuffaceous sequences (Sage, 1994). The distribution of 2900 Ma rocks throughout the Michipicoten is limited, but their komatiitic composition and spinifex texture (Sage, 1994) distinguish them from the younger 2750 Ma and 2700 Ma cycles. Pillowed basaltic flows with minimal vesicle abundance suggest a deep aqueous setting (Moore, 1965). Intermediate-felsic sequences of the Hawk assemblage are also spatially limited, and consist of fine-grained crystal and lapilli tuff, implying a vent-distal depositional environment (Sage, 1994).

The second supracrustal cycle, the Wawa assemblage (Williams et al., 1991), is isotopically dated to 2750 Ma (Turek et al., 1982) and includes vesicular, pillowed tholeiitic mafic flows followed by intermediate–felsic pyroclastic rocks. These mafic flows exhibit greater abundances of vesicles than the Hawk assemblage basalt, suggesting a shallowing subaqueous environment with progressive flow deposition (Moore, 1965). The mafic rocks are overlain by intermediate–felsic pyroclastic quartz-feldspar crystal tuff and extrusive intermediate–felsic units transitioning from dacite to rhyolite (Sage, 1994). The 2750 Ma volcanic cycle is conformably overlain by a regionally continuous bedded iron formation as thick as 100–300 m (Sage, 1993).

Volcanism resumed at 2700 Ma with tholeiitic Mg- and Fe-rich pillowed flows as the initial part of the Catfish assemblage (Williams et al., 1991). Mafic suites are commonly amygdaloidal, which is interpreted to imply either shallow-water deposition or gas-rich terrestrial volcanic flows (Sage, 1994). Intermediate–felsic metavolcanic rocks of the third cycle are pyroclastic, composed of feldspar and quartz-feldspar tuff as well as volcanic breccias (Sage,

1993). The youngest supracrustal assemblage, the Doré metasediments, interfingers with the 2700 Ma felsic rocks and is likely sourced entirely from the Catfish felsic metavolcanic unit during rapid crustal uplift (Corfu & Sage, 1992). The metasedimentary belt consists of immature, trondhjemite clast-bearing conglomerates and fine-grained wackes and arkose, with primary structures that are interpreted to reflect a subaqueous environment (Sage, 1994).

Previous studies have suggested the tectonic setting of the MGB as an island arc setting (Sylvester et al., 1987), but evidence also suggests that volcanism occurred within a cratonic setting (Sage et al., 1996). Mafic intrusions throughout the Michipicoten are chronologically correlated with the 2671 Ma Iron Lake gabbro (Turek et al., 1990), post-dating the Catfish assemblage by approximately 30 million years.

Early work by Goodwin (1962) recognized two major folding events followed by late faulting, resulting in cross-folding of the stratigraphy and undulating fold axes overprinted by parallel NNW-striking transverse faults. More recent work has expanded this early interpretation with the identification of the inverted Goudreau Anticline and areas of structural complexity (Arias & Heather, 1987; Arias & Helmstaedt, 1990; Heather & Arias, 1992) is supported by U-Pb zircon geochronology (Corfu & Sage, 1992; Turek et al., 1982, 1984, 1992). Plutonism throughout the Michipicoten belt has been correlated to activity in the nearby Mishibishu and Gamitagarna greenstone belts to extend the tectonic activity of the MGB to 2615 Ma following the cessation of the 2700 Ma volcanic cycle (Turek et al., 1990).

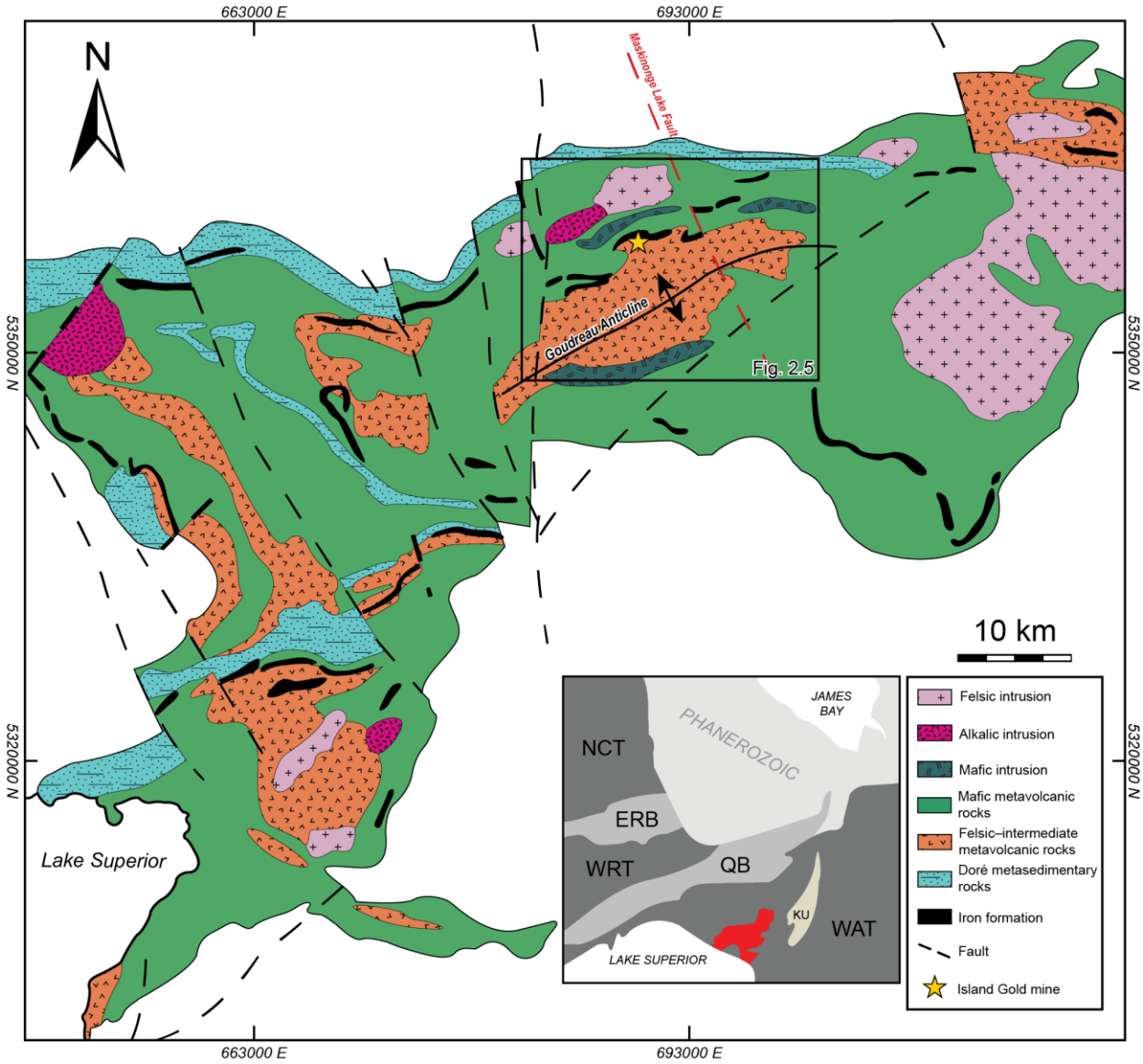


Fig. 2.3: General geology of the Michipicoten greenstone belt with major north-south structures in the region (modified from Heather and Arias, 1992). The Maskinonge Lake fault is highlighted in red. The inset map is modified from Fig. 2.1.

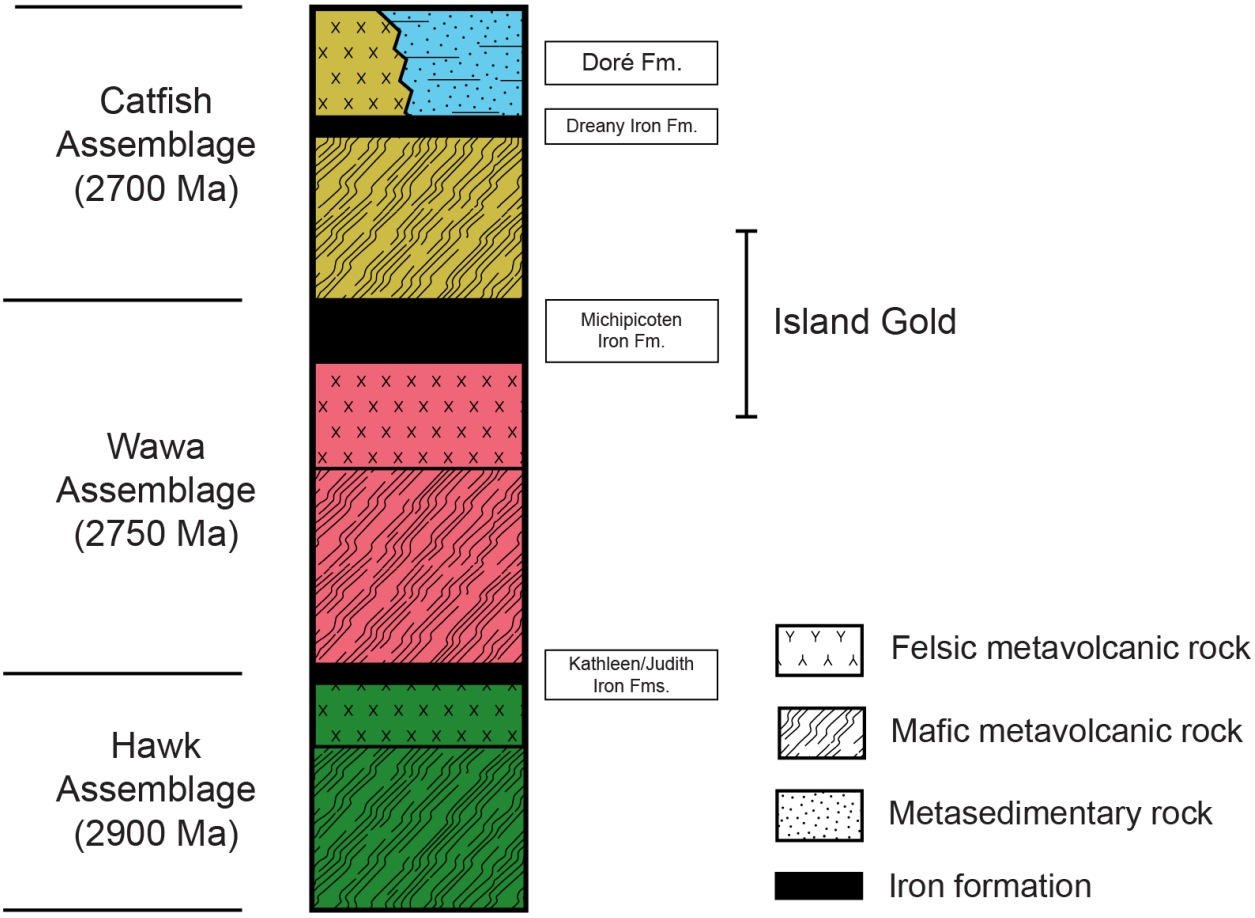


Fig. 2.4: Simplified stratigraphic column of the volcanic cycles in the Michipicoten greenstone belt (modified from Arias and Helmstaedt, 1990). Major iron formations are labelled according to Sage (1994). Units that host the Island Gold deposit are marked according to Heather and Arias (1992).

2.3 Goudreau-Localsh District

The Goudreau-Localsh district comprises cycle 2 (Wawa assemblage) felsic–intermediate pyroclastic metavolcanic rocks intruded by intermediate dykes and sills in the south and cycle 3 (Catfish assemblage) pillowed mafic metavolcanic rocks in the north (Heather & Arias, 1992). This unconformity is marked by the laterally extensive Goudreau Iron Range, which outcrops locally at the historic Morrison iron sulphide deposit (Bourgeault et al., 2022). The majority of gold occurrences in the Michipicoten, including the Island Gold deposit, are hosted in the Goudreau Lake Deformation Zone (GLDZ), a 30 km-long stratigraphy-subparallel sigmoidal deformation zone that corresponds with the major contact between the Wawa felsic rocks and

Catfish mafic rocks (Turek et al., 1992). The GLDZ can be subdivided into four structural domains according to style, intensity, and kinematics of deformation along with alteration and gold mineralization indicators (Fig. 2.5). The northern domain, located immediately south of the granodioritic to quartz-monzonitic Maskinonge Lake stock (Corfu & Sage, 1992) consists of subparallel decameter-scale brittle-ductile strain zones, northeast-striking shear zones exhibiting sinistral movement, and northwest-striking shear zones with dextral displacement (Heather & Arias, 1992). The southern domain, bound by the Maskinonge Lake fault to the east and the McVeigh Creek fault to the west, is composed of dextral brittle-ductile high-strain packages of altered 2750 Ma felsic–intermediate metavolcanic rocks; the most dominant of these is the Goudreau Shear, which hosts major gold mineralization at the Magino and Island zones (Heather & Arias, 1992). The east and west domains border the Maskinonge Lake and McVeigh Creek faults, respectively, and are both defined by 085° and 115°-striking dextral shear zones (Arias & Heather, 1987).

Three major deformation events are observed around the Island Gold deposit, which is situated in the southern domain of the GLDZ upon the northern limb of the Goudreau anticline. The earliest event, D_1, is associated with regional compression and the upright folding of the Wawa assemblage resulting in the steepening of stratigraphy and the development of the Goudreau anticline (Jellicoe et al., 2022). The Goudreau anticline is postulated to record multiple isoclinal folds and the erosion of the Michipicoten iron formation associated with chloritoid-rich stratigraphy has historically inhibited the recognition of this folding event (Sage, 1994). The second period of deformation (D_2) is reflected through sinistral, north-side-up transpressive motion (Jellicoe et al., 2022), resulting in the development of the GLDZ and the generation of S_2 foliation subparallel to the 070° striking deformation zone (Heather & Arias, 1992). This is

overprinted by dextral, south-side-up transpression (D_3) and the production of shallow plunging folding of S_2 foliation of the metavolcanic rocks (Jellicoe et al., 2022). The Goudreau-Lochalsh district is also occupied by numerous northwest-trending transverse structures (Arias & Heather, 1987; Goodwin, 1962; Sage, 1994). These structures are often associated with diabase dykes recording little to no deformation (Heather & Arias, 1992), suggesting they were emplaced in late fault planes following the cessation of regional folding. The Maskinonge Lake fault, striking 140°, is one of these structures, and records 1–2 km of apparent sinistral displacement (Bourgeault et al., 2022; Heather & Arias, 1992; Sage, 1994).

The gold-hosting lithologies at Island Gold are characteristically associated with alteration envelopes of biotite, sericite, and iron carbonate (Ciufo et al., 2020), coherent with other occurrences throughout the Goudreau-Localsh area (Arias & Heather, 1987). Deposit-wide structural features, including pervasive foliation, small-scale thrust faults, and intense shearing and mylonitization are also associated with these alteration packages (Bourgeault et al., 2022). Mineralization is controlled predominantly by millimetre- to meter-wide smoky grey quartz veins emplaced by shearing during D_2 deformation between 2724–2672 Ma (Jellicoe et al., 2022). The deposit is hosted in a sequence of steeply south-dipping lenses that strike northeast along the limb of the regional anticline (Bourgeault et al., 2022). Recent work has refined the mineralization timing to 2680–2672 Ma (Jellicoe et al., 2022), which is consistent with other deposits in the Wawa subprovince (Davis & Lin, 2003) but older than most quartz-carbonate-hosted mineralization in the Abitibi region (2660–2640 Ma, (Dubé & Mercier-Langevin, 2020). Previous work at Island Gold has suggested that the strain shadow imparted by the Webb Lake stock, located to the west of the Island Gold deposit, is the primary control on mineralization during D_2 shearing (Jellicoe et al., 2022)

The Pine-Breccia and Michael Syndicate zones (Fig. 2.5), two historic gold showings east of the Island Gold deposit, are situated upon the Maskinonge Lake fault, which abuts epidote-altered mafic metavolcanic rocks on the west side against unaltered mafic and felsic metavolcanic rocks on the east (Heather & Arias, 1992; Sage, 1994). Gold mineralization in both of these zones is typically fracture-controlled and associated with chalcopyrite and/or pyrite (Heather & Arias, 1992), stockwork quartz-carbonate veining, and silica flooding (Bourgeault et al., 2022), the intensity of which decreases gradually to the east and is truncated sharply by the Maskinonge Lake fault on the west. This style of silicification is also comparable to alteration associated with the deep ore zones of the Island Gold deposit (Ciufo, 2019). Mineralized zones along the fault vary from 1 m wide at the Pine-Breccia zone to 7 m wide at the Michael Syndicate zone and are associated with a characteristic pseudo-brecciated texture. The nearest major northwest-trending structure, the Herman Lake fault, exhibits comparable apparent sinistral motion to the Maskinonge Lake fault and hosts the Adonis occurrence, which has a similar breccia-hosted, chalcopyrite-rich mineralization style to the Maskinonge Lake fault occurrences (Arias & Heather, 1987). As the Goudreau-Localsh area is populated by many northwest-striking faults, the Maskinonge Lake fault acts as a proxy for understanding the significance of these late structures on a prospective additional class of gold deposit in the Michipicoten greenstone belt.

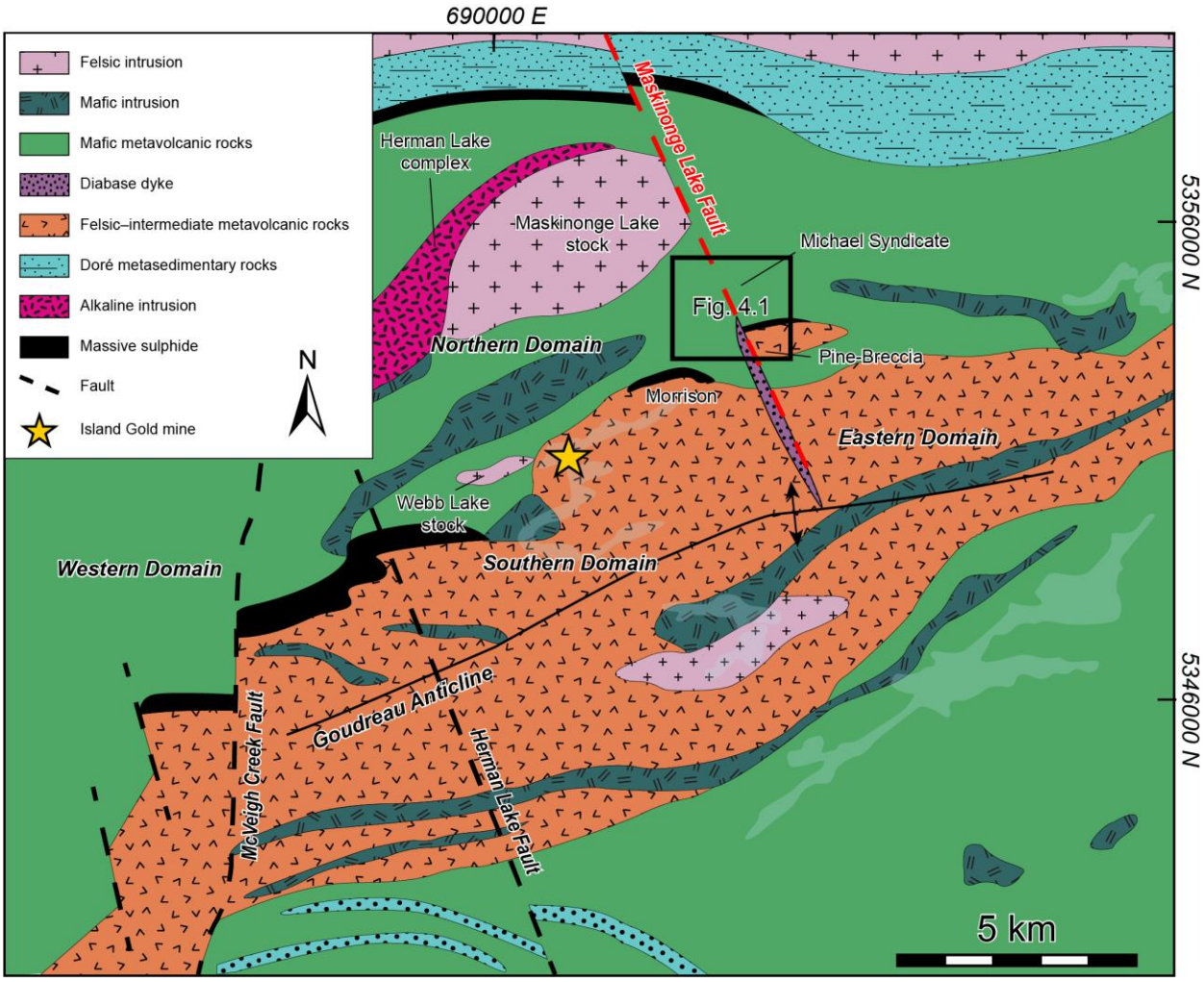


Fig. 2.5: General geology of the Goudreau Lake Deformation Zone (modified from Arias and Heather, 1987), with the Webb Lake trondhjemite intrusion, Morrison sulphide formation, Pine-Breccia and Michael Syndicate gold showings, and major structures labelled. The study area is outlined in yellow. UTM coordinates are in NAD83, Zone 16N.

Chapter 3: Methods

3.1 Field mapping

The primary study area along the Maskinonge Lake fault is located 4 km east of the Island Gold mine along the border of the Finan and Jacobson townships and is accessible from Dubreuilville, Ontario via Goudreau Road and the historic drill road network around the area. The focus of mapping was the Pine-Breccia zone, an extensive northwest-trending 200 x 40 m stripped outcrop proximal to the Maskinonge Lake fault. The original 70 x 40 m stripped outcrop was a result of historic gold exploration in the 1980s by Canamax Resources (Bourgeault et al., 2022), but recent expansion of the outcrop by Alamos Gold has exposed an additional 130 metres on the eastern block of the fault. Detailed mapping of the Pine-Breccia zone concentrated on identifying structures and kinematic indicators resulting from the movement of the Maskinonge Lake fault. The region around the Maskinonge Lake study area was also mapped to provide geological context for the structural setting and gold mineralization. Mapping transect lines through the study area were designed to cross the strike of east–northeast-striking lithological contacts to observe the most variability in structures and lithology. Additional work was done at the Michael Syndicate and Clement occurrences, two historic gold showings along the Maskinonge Lake fault.

3.2 Sample collection and analysis

112 field samples were collected from the study area, comprising 44 from regional mapping and 68 from the Pine-Breccia outcrop. A total of 94 polished thin sections were created from 59 samples at Vancouver Petrographics. In addition, Alamos Gold provided geochemical multi-element data from 655 samples collected from 131 channel cuts across the Pine-Breccia outcrop as part of their exploration program. These samples were sent to ALS Global in Thunder Bay for preparation and analysis. Samples were crushed to 2 mm and pulverized further to 75 μm

before undergoing four acid digestion followed by ICP-MS, fire assay, and sodium peroxide fusion/ICP-AES for a full multi-element suite including gold and silicon concentrations. Channel lines were cut perpendicular to the fault to test the influence of silicified alteration on mineralization potential.

3.3 Sulphur isotopes

Ten samples of mineralized quartz veins were selected for sulphur isotope analysis. Pyrite grains (± chalcopyrite) were manually separated by hand-picking, dried, and homogenized into a fine powder. Weighing and $\delta^{34}S$ isotope analysis were done at the Environmental Isotope Lab (EIL), University of Waterloo. Samples were weighed into tin capsules with added WO_3 powder to assist in combustion. Isotope measurements were determined by combustion of the sample powder through a 4010 Elemental Analyzer coupled to an Isochrom continuous flow isotope ratio mass spectrometer (CFIRMS) and corrected against the Vienna-Canyon Diablo Troilite meteorite primary reference material with a precision of 0.3‰.

Chapter 4: Geology and structural evolution of the Maskinonge Lake fault

The study area is centred on the northwest-trending Maskinonge Lake fault, which divides the area into a northeastern and southwestern block (Fig. 4.1). Chapter 4.1 describes the main lithologies in the study area and Chapter 4.2 describes the structural geology of the study area. The northeast block encompasses a portion of the unconformable contact between the 2750 Ma (Wawa assemblage) felsic–intermediate and the 2700 Ma (Catfish assemblage) mafic metavolcanic rocks. These assemblages are separated by a continuous massive sulphide unit and situated against mafic metavolcanic rocks on the southwest block (Sage, 1994).

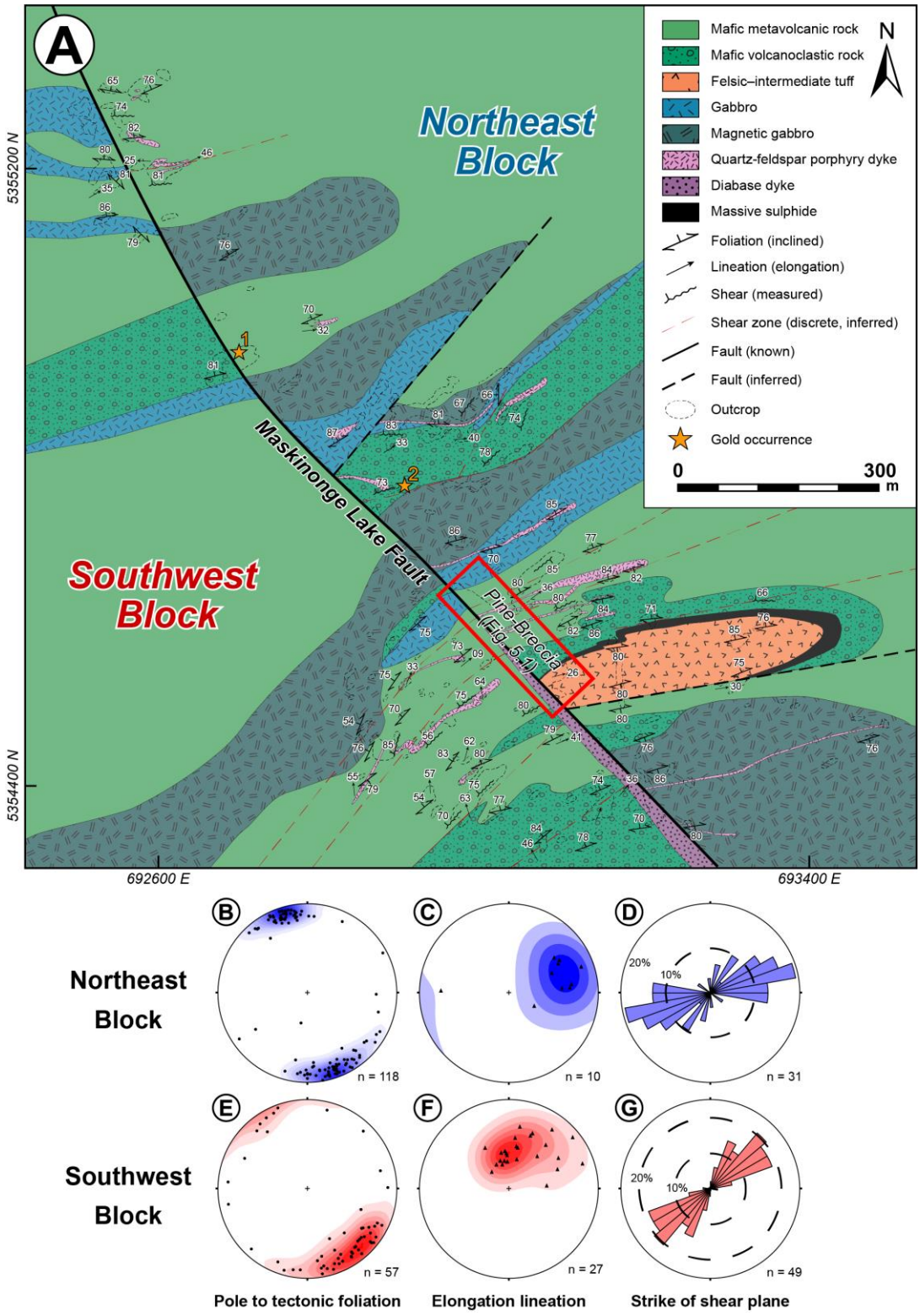

A
Northeast Block
Southwest Block
Maskinonge Lake Fault
Pine Breccia (Fig. 5-4)
Mafic metavolcanic rock
Mafic volcanoclastic rock
Felsic–intermediate tuff
Gabbro
Magnetic gabbro
Quartz-feldspar porphyry dyke
Diabase dyke
Massive sulphide
Foliation (inclined)
Lineation (elongation)
Shear (measured)
Shear zone (discrete, inferred)
Fault (known)
Fault (inferred)
Outcrop
Gold occurrence
N
0
300
m
5355200 N
5354400 N
692600 E
693400 E
Northeast Block
Southwest Block
B
C
D
E
F
G
n = 118
n = 10
n = 31
n = 57
n = 27
n = 49
20%
10%
Pole to tectonic foliation
Elongation lineation
Strike of shear plane

Fig. 4.1: (A) Geological map of the regional study area, with equal-area lower hemisphere stereographic projections of structural measurements on (B, C, D) the northeast block and (E, F, G) the southwest block. The Pine-Breccia and minor gold occurrences (1) Michael Syndicate and (2) Clement are indicated. UTM coordinates are in NAD83, Zone 16N.

4.1 Geology of the Maskinonge Lake study area

4.1.1 Wawa assemblage: Felsic–intermediate metavolcanic assemblage

The felsic–intermediate volcanic cycle, occupying a portion of the northeast block of the study area, is a pyroclastic dacitic tuff with up to 5% 1–3 mm subrounded grey and blue quartz grains and ~20% coarse 1–10 mm beige-white feldspar crystals hosted in a fine-grained, grey-green chloritized matrix (Fig. 4.5A). Within the study area, feldspar is strongly deformed and defines both the foliation surface and principal stretching direction. The felsic–intermediate tuff is inferred to represent the upper portion of the 2750 Ma felsic pyroclastic cycle and is only observed on the northeastern side of the Maskinonge Lake fault.

4.1.2 Catfish assemblage: Mafic metavolcanic rocks

Mafic volcanic flows of the lower Catfish assemblage are the most widespread of the units in the Maskinonge Lake area and are often distinguished by the presence of chloritized pillows or 1–10 mm rounded vesicles (Fig. 4.5B), which are typical indicators of a deep-water seafloor environment (Moore, 1965). Although these rocks are usually fine-grained, intense alteration throughout the area makes this an unreliable method of unit identification. These volcanic rocks are deformed with the greatest intensity of all units and are commonly strongly sheared and pervasively altered, displaying both banded and patchy carbonate and sericite alteration.

4.1.2.1 Mafic volcanoclastic rocks

A subset of mafic volcanic rocks is recognized by the presence of heavily altered, 10–15 cm rounded beige-coloured nodules hosted in basaltic flows. These fragments typically compose 5-10% of the rock and exhibit more brittle deformation than the surrounding mafic flows (Fig.

4.5C). This fragmental mafic unit represents the base of the Catfish metavolcanic assemblage based on its stratigraphic relationship with the massive sulphide unit and gradational contact with the pillowed mafic flows marked by decreasing nodule content.

4.1.3 Quartz-feldspar porphyry intrusions

A series of quartz-feldspar porphyry (QFP) dykes are found throughout the mapping area (Fig. 4.5D) and trend 070–080°, approximately parallel to the strike of the regional foliation. Most QFPs are 0.2–3 m wide and have a porphyritic texture with 10-15% 1–5 mm rounded quartz phenocrysts (grey and/or blue varieties) and up to 15% subrounded feldspar phenocrysts homogeneously distributed throughout the rock. These dykes exhibit variable degrees of chlorite alteration and often contain 1–5 cm xenoliths of mafic country rock. Tectonic foliation is continuous across QFPs, which are further boudinaged and transposed, implying they intruded before regional deformation. While the dykes are laterally extensive, none are observed crosscutting the Maskinonge Lake fault, nor can they be used as stratigraphic markers due to the prevalence of these dykes within the study area. The exact age of the QFP dykes is unknown, although an intrusive body with a similar appearance (i.e., the Webb Lake stock) has been dated to 2724.1 ± 4.3 Ma (Jellicoe et al., 2022).

4.1.4 Gabbro

Two varieties of gabbro are observed throughout the area: strongly magnetic gabbro and weakly to non-magnetic gabbro. Strongly magnetic gabbro form 50–300 m wide intrusive bodies, and although their specific stratigraphic relationship with the volcanic cycles is unknown, the spatial association with mafic metavolcanic rocks, presence of a weakly developed foliation, and variable degrees of alteration suggest they may be coincident with the Catfish assemblage mafic rocks. Non-magnetic to weakly magnetic gabbro appear commonly as northwest-trending dykes (subparallel with the Maskinonge Lake fault) that sharply crosscut pre-existing units,

suggesting these non-magnetic gabbro dykes are the youngest units in the study area. Both groups are fine to medium-grained, consisting of approximately 30–40% plagioclase and 60–70% pyroxene and amphibolite, with trace amounts of disseminated titanite and pyrite.

4.1.5 Diabase dyke

An inferred Matachewan-age diabase dyke outcrops locally along the Maskinonge Lake fault and is approximately ten metres wide with a subvertical, northwest-striking orientation and sharp contact with the western mafic volcanic rocks. This dyke is massive, exhibits sporadic magnetism, and is fine-grained with 1–5 cm plagioclase phenocrysts (Fig. 4.5E). The dyke contains diffuse, stockwork quartz–epidote veinlets and plagioclase grains saussuritized to epidote. Modal fine-grained quartz and coarse 0.25–1 mm magnetite are visible in thin section, the latter often comprising up to 5% of the rock.

4.1.5.1 Composition of the Maskinonge Lake diabase

Twenty-nine samples of the diabase dyke at the Pine-Breccia outcrop were collected through a channel sampling program conducted by Alamos Gold. These samples are compared with compiled geochemical data for Matachewan (~2.45 Ga, Ciborowski et al., 2015), Marathon, Biscotasing, Kapuskasing (~2.1 Ga, Halls et al., 2005) and Keweenawan dyke swarms (~1.1 Ga, Halls et al., 2005; Marshall & Lidiak, 1996; Nicholson et al., 1997; Sutcliffe, 1987).

Fig. 4.2 shows that most dyke swarms are sub-alkaline basalt, apart from Keweenawan dykes whose Nb/Y content trends towards alkaline basalt, and Matachewan dykes that are slightly more andesitic. Major (Fig. 4.3) and minor (Fig. 4.4) element variation with MgO display a significant correlation between the Maskinonge Lake dyke and Paleoproterozoic dyke swarms, whereas Mesoproterozoic dykes (i.e., Keweenawan) are typically more enriched in MgO and have a wider distribution of major and trace element concentrations. The Maskinonge

Lake diabase dyke is notably depleted in CaO and Na_2O compared to the Matachewan suite. There is a strong correlation between the compositions of the Maskinonge Lake dyke and the Matachewan dyke swarm, although the amount of overlap in the major and minor element distributions with other Proterozoic dyke swarms makes this classification ambiguous using elemental composition alone.

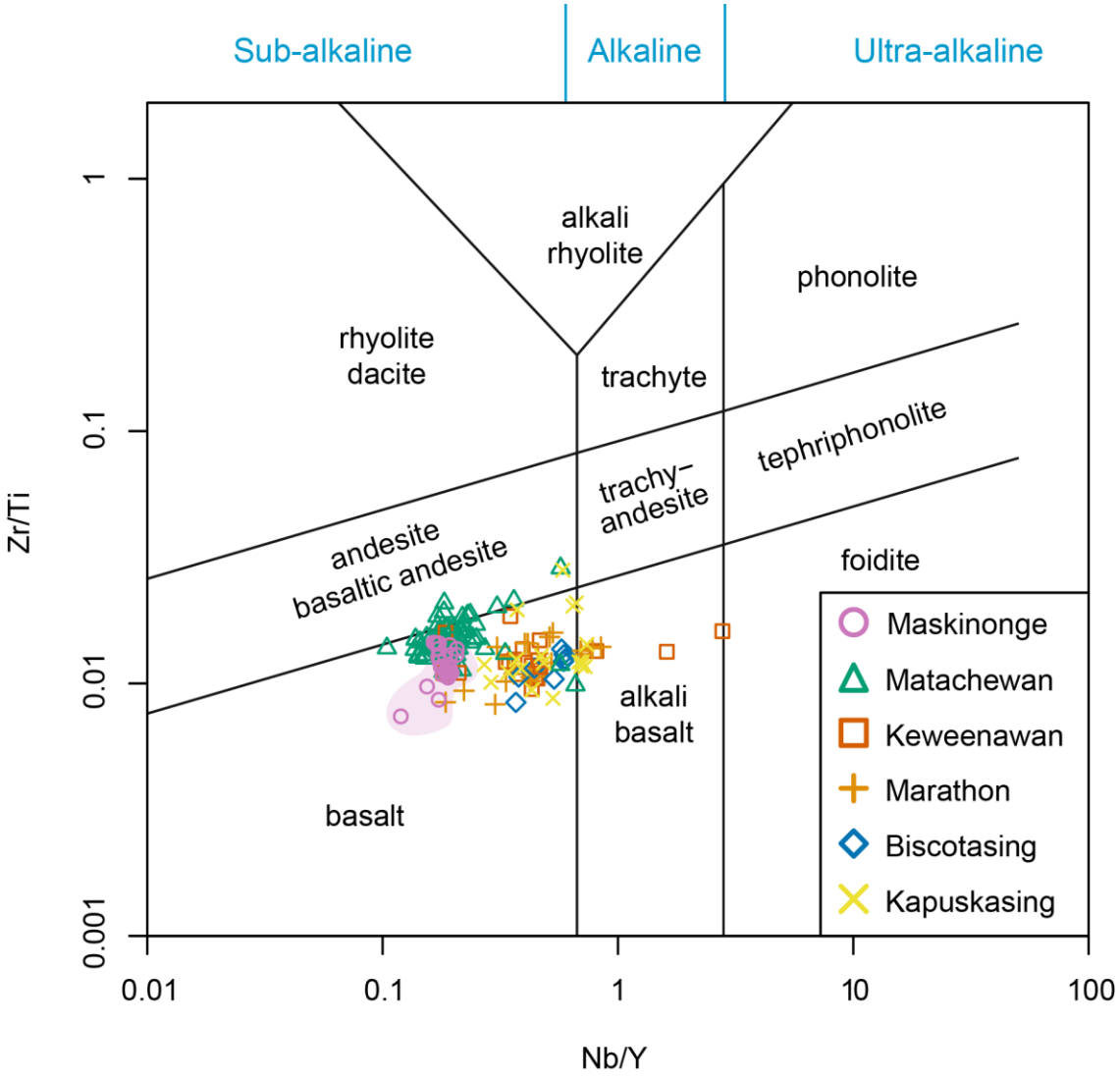


Fig. 4.2: Zr/Ti vs. Nb/Y classification (modified from Pearce, 1996) of the Maskinonge Lake diabase dyke and Proterozoic dyke swarms in the northwestern Superior Province.

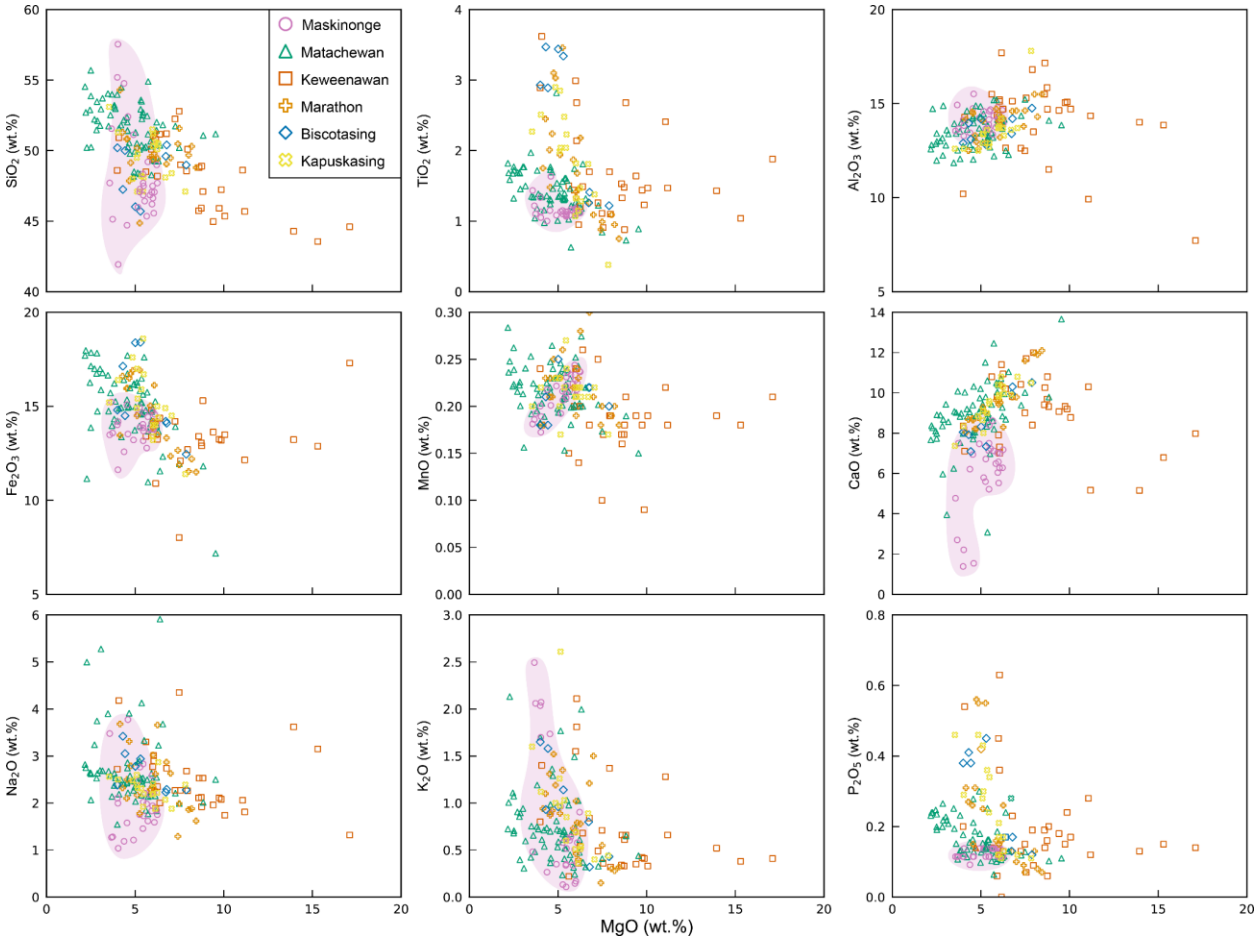


Fig. 4.3: Major element variation with MgO of the Maskinonge Lake diabase dyke and Proterozoic dyke swarms in the northwestern Superior Province. Highlighted areas comprise the Maskinonge Lake dyke data.

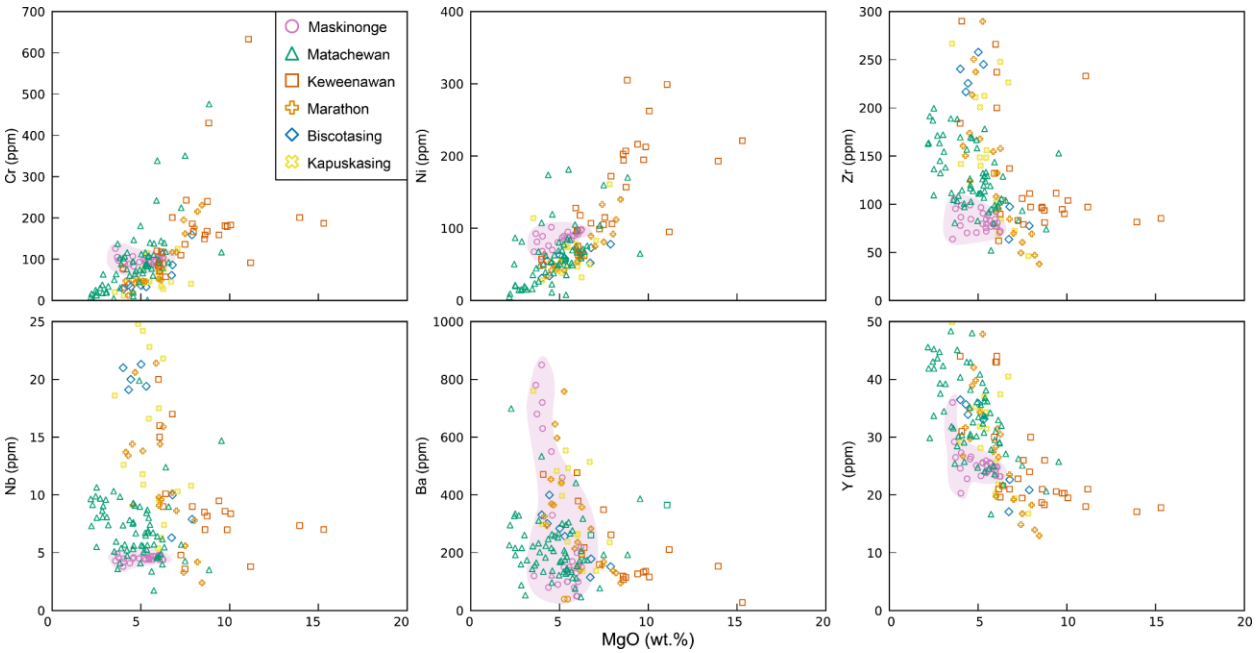


Fig. 4.4: Minor and trace element variation with MgO of the Maskinonge Lake diabase dyke and Proterozoic dyke swarms in the northwestern Superior Province. Highlighted areas comprise the Maskinonge Lake dyke data.

4.1.6 Massive sulphide

The Pine massive sulphide unit is inferred to be an extension of the Morrison exposure southwest of the study area—part of the extensive Goudreau Iron Range—which acts as a marker horizon for the unconformity separating the Wawa and Catfish metavolcanic assemblages (Fig. 2.5). The unit is recognizable by its intense rusty purple and oxidized surface (Fig. 4.5F), with a strong magnetic intensity, and is typically massive but occasionally displays weak local strain in some outcrops. Sulphides are disseminated throughout the rock, which is composed of up to 50% subhedral 0.5 mm pyrite grains. This unit, along with the felsic–intermediate tuff, is only observed on the northeastern block of the study area. In the Pine-Breccia area, this unit is unconformably covered by a “basal crete” (Perkins, 2001), a loosely consolidated matrix-supported polymictic regolith containing 5–20 cm subrounded clasts of both plutonic and volcanic material.

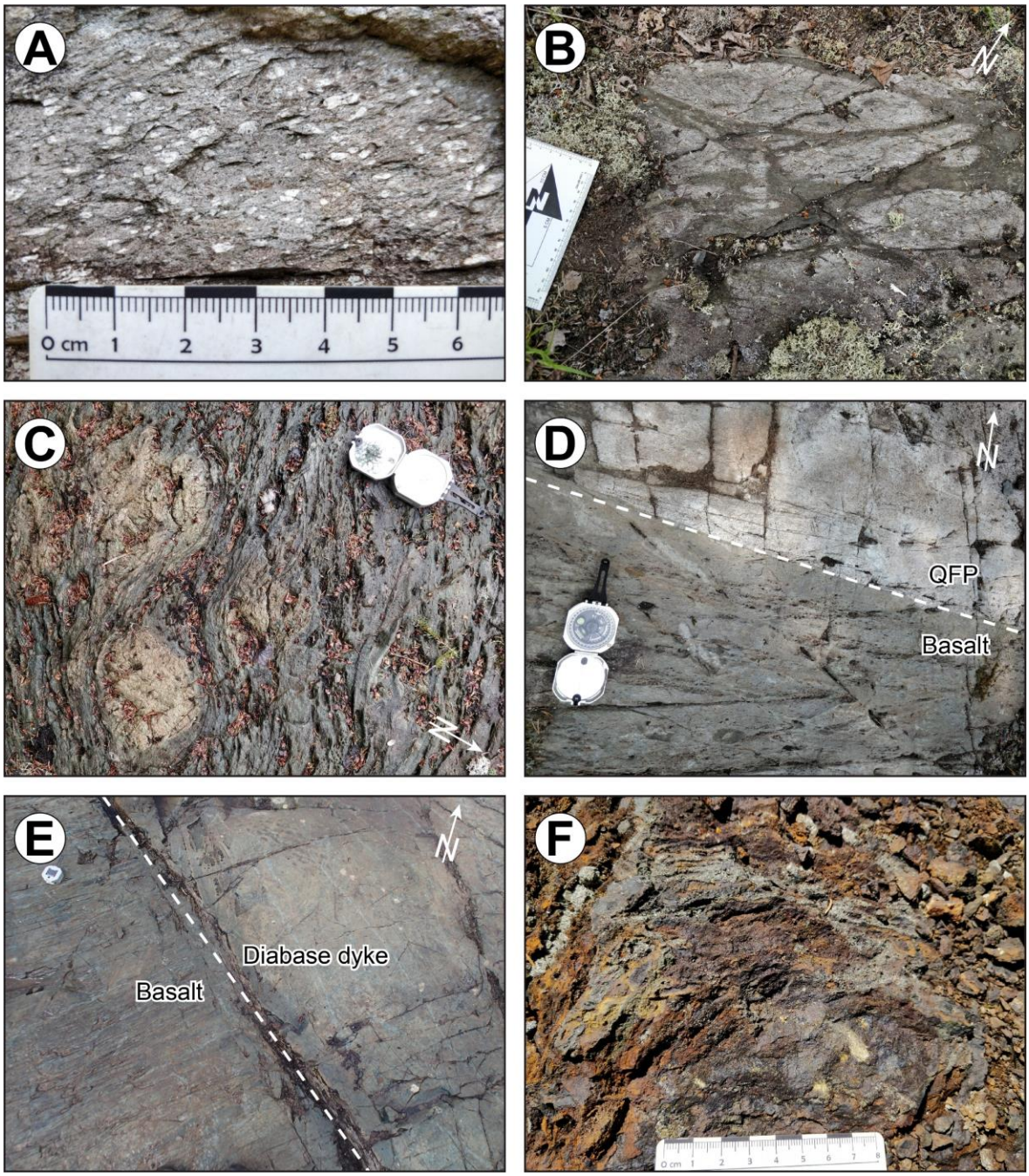


Fig. 4.5: Field photos of major units in the regional Maskinonge Lake study area. (A) Felsic-intermediate lapilli tuff with elongated feldspar grains. (B) Pillowed basalt with dark green chloritized selvages. (C) Sheared mafic volcanic rocks with 10–15 cm rounded, brittle clasts that deflect foliation. (D) Felsic dyke (QFP) sharply intruding into basaltic country rock. The dyke is approximately 4 m wide and the contact trends parallel to foliation (~70°). (E) Diabase dyke sharply intruding basaltic country rock. The dyke is approximately 10 m wide and the contact trends parallel to the Maskinonge Lake fault (~320°) (F) Rusted metallic weathered surface of the Pine massive sulphide marker unit.

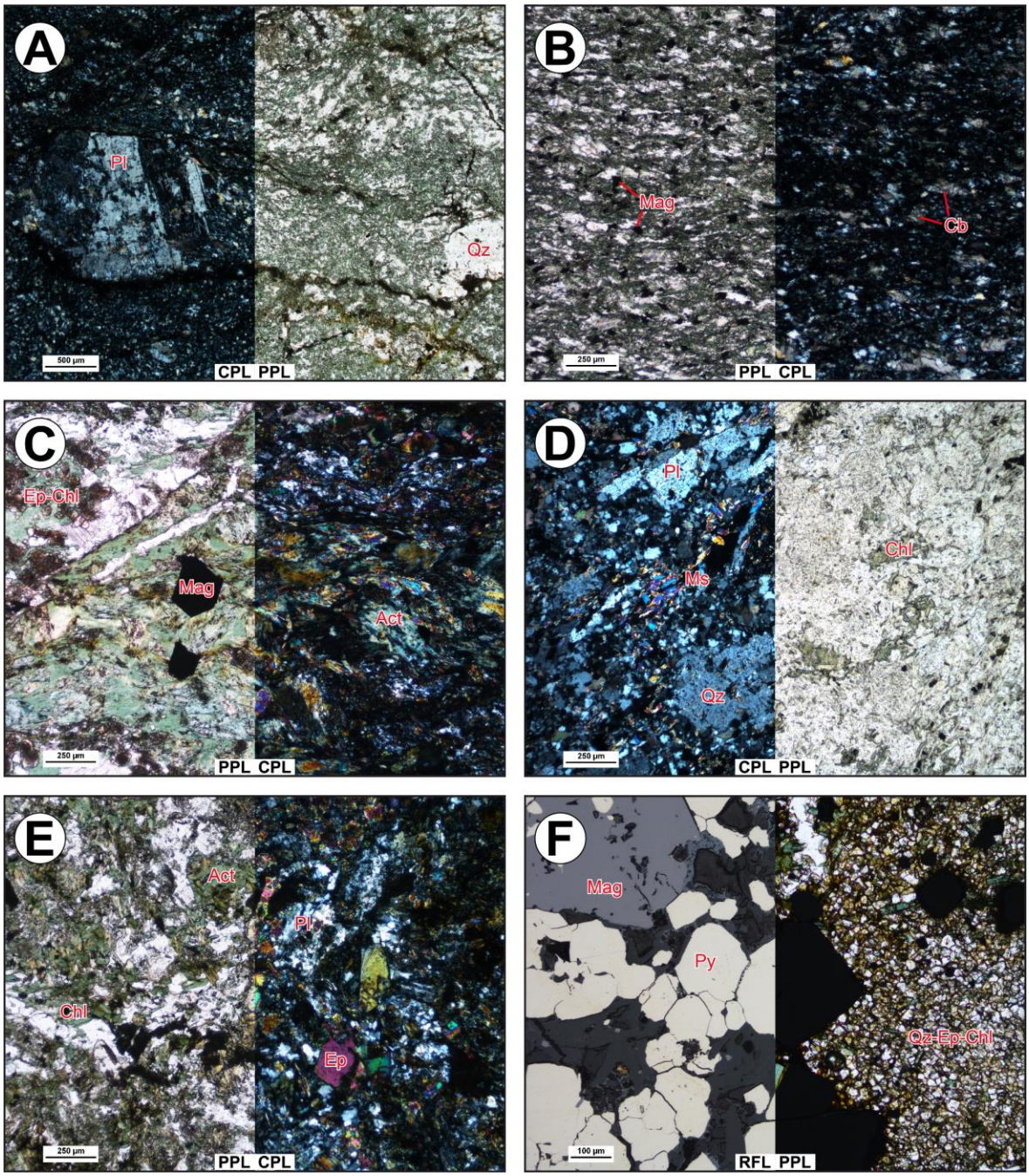


Fig. 4.6: Photomicrographs of lithologies on the northeast block of the regional study area. (A) Felsic–intermediate lapilli tuff with phenocrysts of plagioclase (Pl) and quartz (Qz). (B) Strongly foliated carbonate-altered (Cb) basalt with anhedral magnetite (Mag). (C) Strongly magnetic epidote-chlorite-actinolite altered (Ep-Chl-Act) gabbro with euhedral post-deformation magnetite. (D) Quartz-feldspar porphyry dyke with minor interstitial muscovite (Ms) and chlorite alteration. (E) Maskinonge Lake fault-filling diabase dyke showing evidence of lower greenschist alteration. (F) Magnetite and pyrite (Py) replacement in the massive sulphide unit overprinting a fine-grained granular groundmass of quartz, epidote, and chlorite.

4.2 Structural geology of the Maskinonge Lake study area

Six deformation events (D_1–D_6) and two generations of veins (V_1 and V_2) are identified within the mapping area. In addition, pervasive silica alteration (the "main vein") is found proximal to the Maskinonge Lake fault. The composition and style of the vein generations and silica alteration are described further in Chapter 5.1.1. The first three deformation events (Fig. 4.7) correspond with D_1–D_3 described by Jellicoe et al. (2022); D_4–D_6 are directly associated with phases of movement along the Maskinonge Lake fault.

4.2.1 D_1–D_3

F_1 folds generated from regional compression are upright, kilometre-scale folds (e.g. the Goudreau Anticline) that develop S_1 axial planar cleavage and tilt the volcanic assemblages to their current subvertical orientation (Jellicoe et al., 2022). Evidence for this deformation event within the Maskinonge Lake study area is limited, but parasitic S-folding on the northern limb of the Pine massive sulphide unit may record this F_1 folding (Fig. 4.1).

The dominant foliation observed throughout the regional map area is a steeply dipping, ENE-striking penetrative foliation with local dip reversals towards 160° and 340°, congruent with the S_2 foliation observed around the GLDZ (Jellicoe et al., 2022). Within the Maskinonge Lake mapping area, the strike of S_2 rotates from 065–070° to 080–085° with increasing proximity to the Maskinonge Lake fault. L_2 stretching lineations are best defined by elongate feldspar and vesicles in the felsic–intermediate lapilli tuff and basalt flows, respectively, plunging 15–20° towards 070–080°. Strong S_2-parallel shearing is observed towards the northern end of the Pine-Breccia exposure, enhanced by the rheological contrast between the fine-grained mafic flows and coarser-grained intrusive QFP dykes. In the GLDZ, this behaviour is hypothesized to control the emplacement of gold-bearing quartz veins at the Island Gold deposit, contemporaneous with greenschist-facies metamorphism (Jellicoe et al., 2022).

Dextral transpression is observed in tight to isoclinal F_3 Z-folds, recognized by the dip reversals of S_2 and the folding of S_2 and S_2-parallel contacts between volcanic flows and QFP dykes. The axial plane of F_3 folds is oblique to the dominant strike of S_2 foliation.

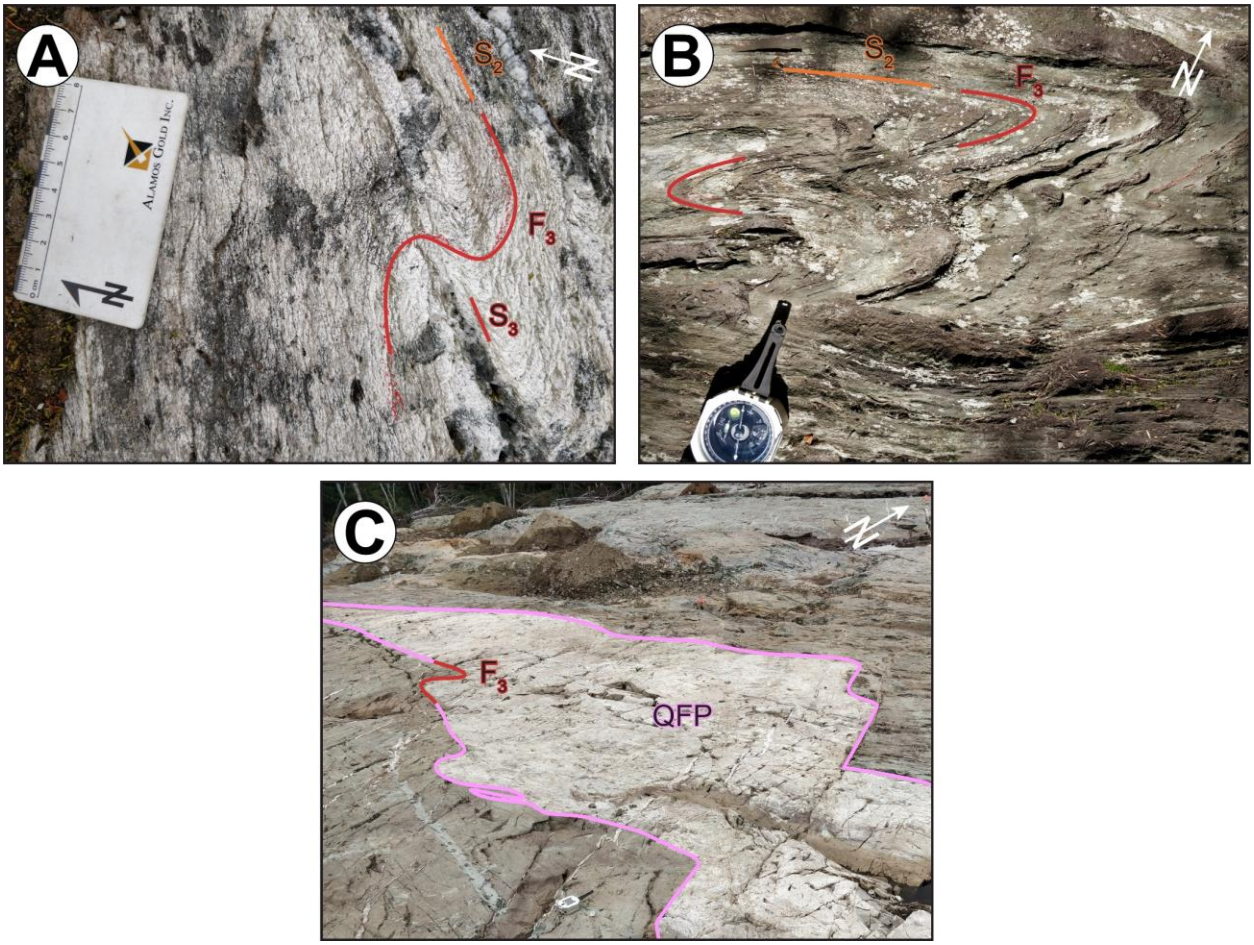


Fig. 4.7: Field evidence of early structures relating to the GLDZ. (A) F_3 folding in a felsic dyke with S_3 axial planar cleavage. (B) F_3 folding of S_2 foliation with no axial planar cleavage. (C) F_3 folding along the contact of a quartz-feldspar porphyry (QFP) dyke.

4.2.2 D_4: Dextral, (brittle-)ductile

Dextral transcurrent motion along the Maskinonge Lake fault results in the overprinting of D_2 and D_3 structures, consisting of crenulation folds, conjugate kink folds, and open F_4 folds with associated axial planar cleavage that creates pencil cleavage closer to the Maskinonge Lake fault (Fig. 4.8). F_4 folds are centimetre-scale open folds that superimpose earlier F_2 folds as well as fold the penetrative ENE-striking S_2 fabric through crenulations and kink folds, with variable

steeply to moderately northwest-plunging fold axes. Crenulation patterns resemble those of medium to high material anisotropies (Cosgrove, 1976). S_4 foliation develops subparallel to the Maskinonge Lake fault and is defined by the subvertical, NW–SE-striking axial planar cleavage of F_4 folds. Cryptic L_4 stretching lineations are measured on the S_4 surfaces and plunge 05–10° towards 320°. Deformation becomes brittle approaching the fault, resulting in well-developed, vertical pencil cleavage from the intersection of S_2 and S_4. Strain occasionally accumulates into 140°–320°-striking dextral faults that can continue for upwards of 10 m, offsetting S_2 and S_2-parallel felsic dykes. The strike of S_2 rotates from 060–070° to 080–090° on a regional scale, with no variation in dip, as the fabric is dragged into the Maskinonge Lake fault with dextral shear sense. Within the Pine-Breccia area, S_2-parallel shear zones and QFP dykes also exhibit dextral drag, rotating from 250°-striking to 320°-striking.

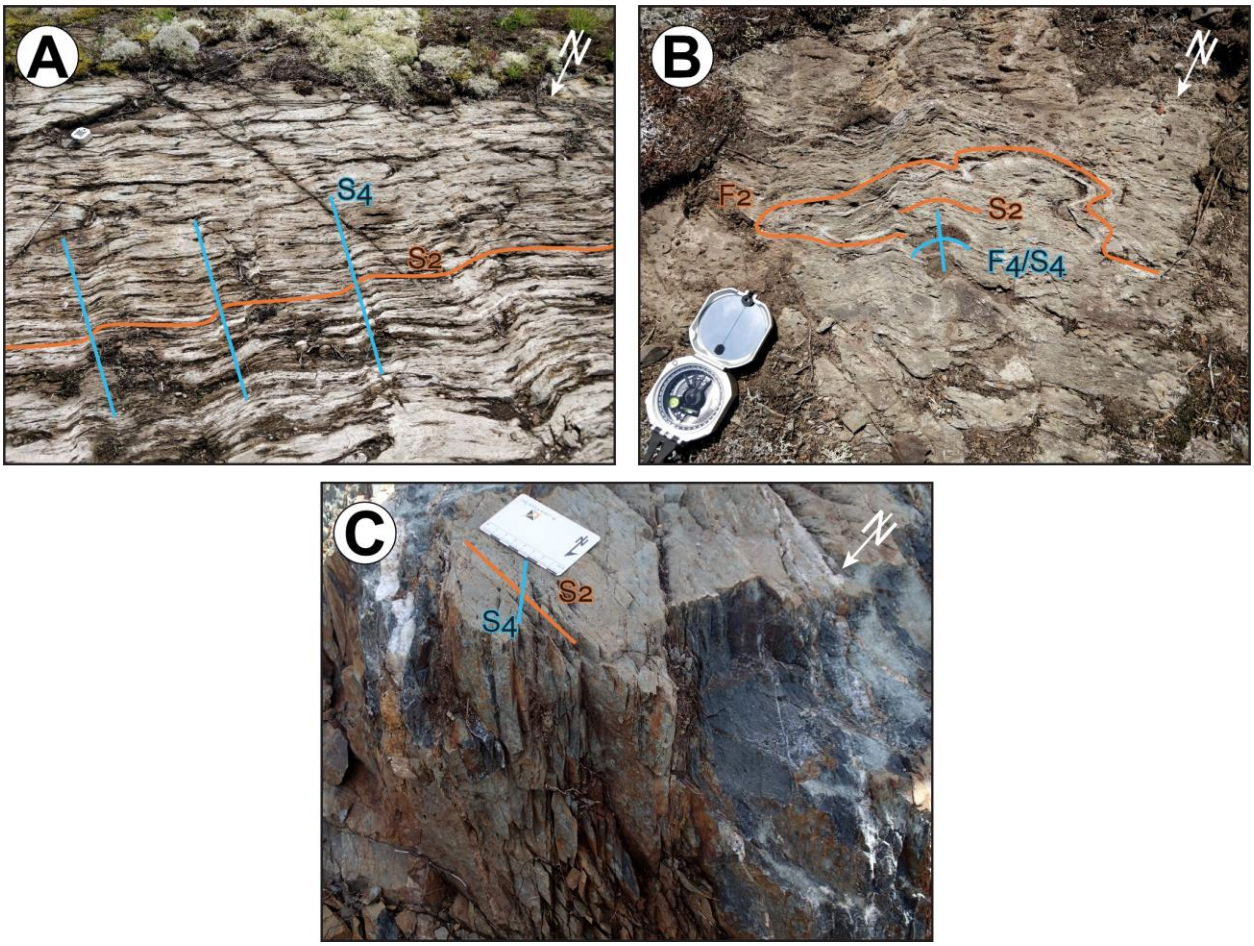


Fig. 4.8: Field evidence of ductile to brittle-ductile D_4 deformation. (A) S_4 defined by crenulation and kink folding of S_2 and S_4. Obliquity is caused by later deformation events. (B) F_4 open folding of an F_2 fold and S_2 axial planar cleavage. Pencil cleavage occurring from the intersection of S_2 and S_4 near the Maskinonge Lake fault.

4.2.3 D_5: Sinistral brittle-ductile

Sinistral, brittle-ductile deformation is marked primarily by the emplacement of V_2 shear veins and infiltration of gold-bearing silica-rich hydrothermal fluids along the Maskinonge Lake fault. V_2 veins are oriented subparallel to both S_4 and the Maskinonge Lake fault and record evidence of sinistral motion through dilational jogs and en echelon veins; the latter of which is also used to estimate the D_5 shear vector (Fig. 4.9). The poles to V_2 veins and associated en echelon veins (V_{2e}) create a girdle that projects on the Maskinonge Lake fault plane to provide a shear direction of 12° towards 320°. This predicted shear direction is largely parallel to the

shallow northwest-plunging L_4 stretching lineations, suggesting that D_4 and D_5 shearing were subparallel to one another. Poles to V_{2e} en echelon are at an angle (α) greater than 45° with the shear zone boundary, indicating that deformation during D_5 was transpressional (Olson & Pollard, 1991). V_2 veins exhibit sinistral S-folding and boudinage, suggesting that D_5 involved polyphase or progressive brittle-ductile deformation (Fig. 4.10). Although there are no kinematic indicators in the main vein due to the intensity of alteration and recrystallized nature of quartz grains, the moderately altered silica halo comprises boudinaged quartz veinlets, S-C fabric, and shear bands that are also consistent with progressive sinistral deformation (Fig. 4.11). V_2 veins also often exhibit 1–5 cm of boundary-parallel displacement that results in the right end of the vein overlapping the left (Fig. 4.12). Field relationships suggest the presence of a post-D_5 intermediate stage with discrete, centimetre-scale sinistral faulting at a high angle to the principal shear direction before further sinistral deformation relating to D_6. This geometry is akin to antithetic deformation bands (R') in a Riedel shear system with dextral shear sense along the Maskinonge Lake fault (Ahlgren, 2001), although the significance of this is difficult to resolve as the displacing fractures are extremely discrete and evidence for an intermediate brittle dextral stage is otherwise not observed.

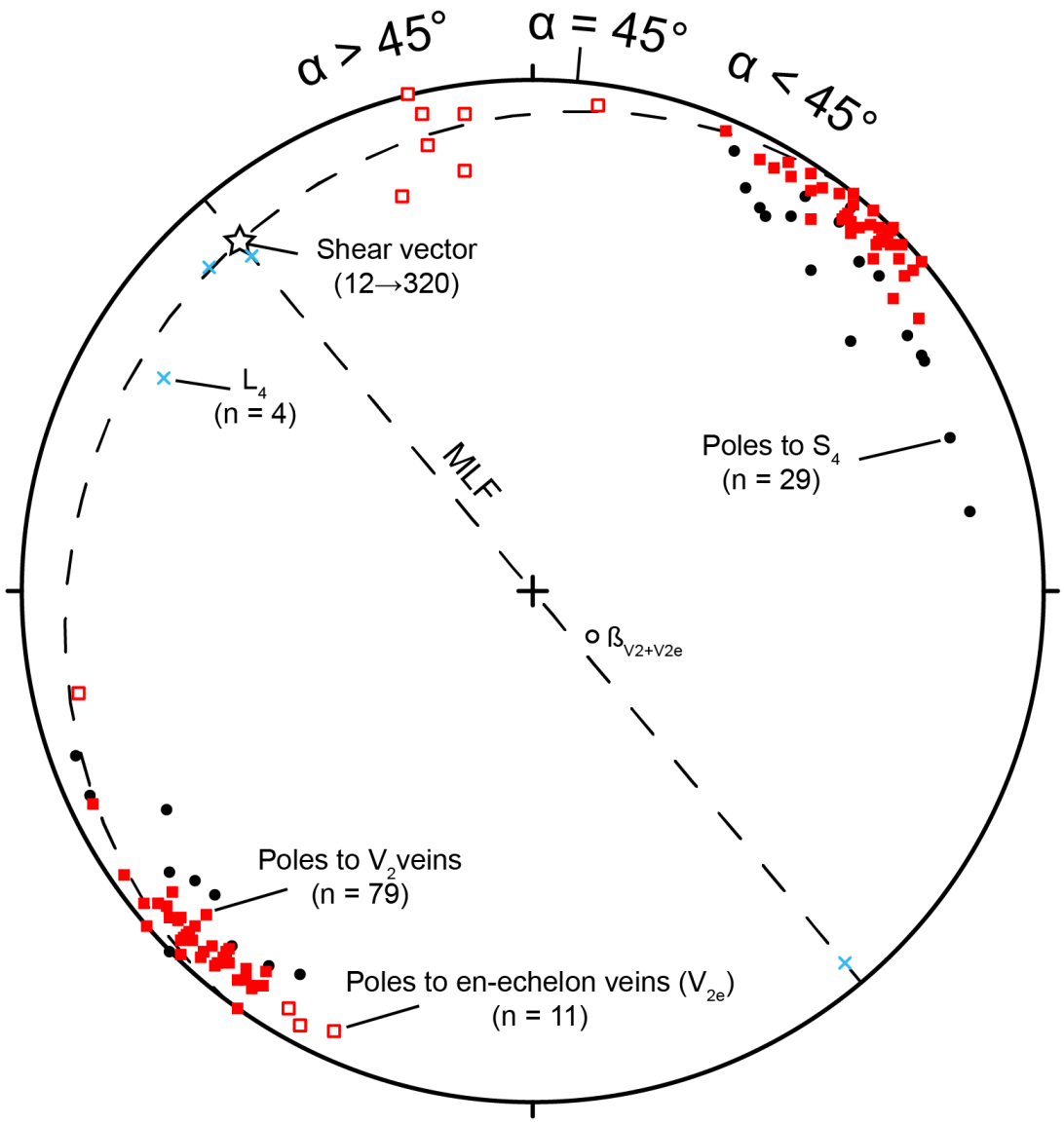


Fig. 4.9: Equal-area lower-hemisphere projection of poles to V_2, en echelon veins (V_{2e}), S_4, and L_4. The poles to quartz veins create a girdle that defines the shear direction when projected onto the Maskinonge Lake fault plane.

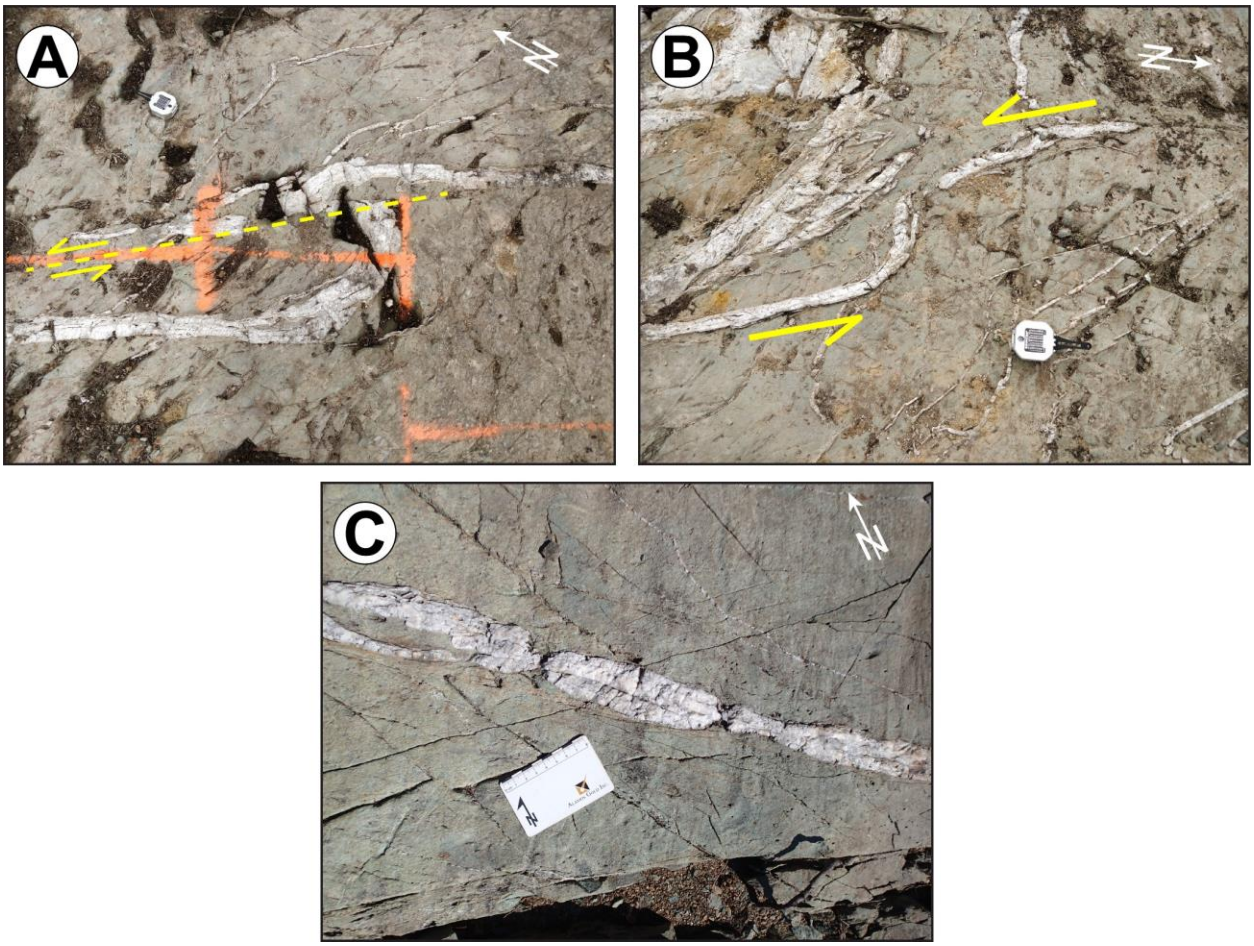


Fig. 4.10: Field evidence of progressive brittle-ductile D_5 deformation. (A, B) Sinistral S-folding of V_2 veins. Faulting in (A) occurs along the axial plane of the fold, likely resulting from strain accumulation during shearing. (C) Boudinaged V_2 quartz vein.

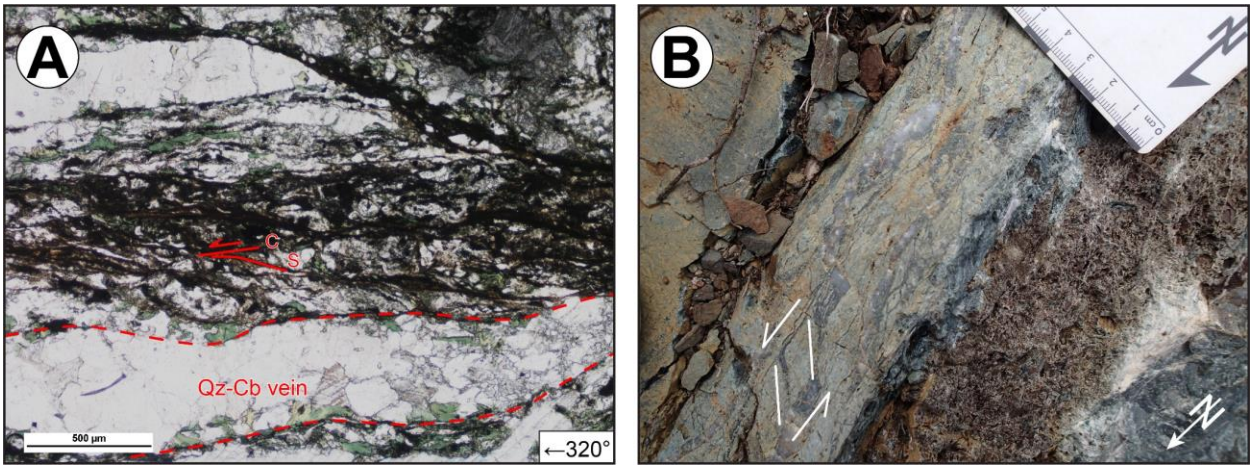


Fig. 4.11: Sinistral shear sense indicators in the strongly deformed silica halo. (A) S-C fabric along the margins of a quartz-carbonate (Qz-Cb) vein. (B) Sinistral quartz-filled extensional shear band.

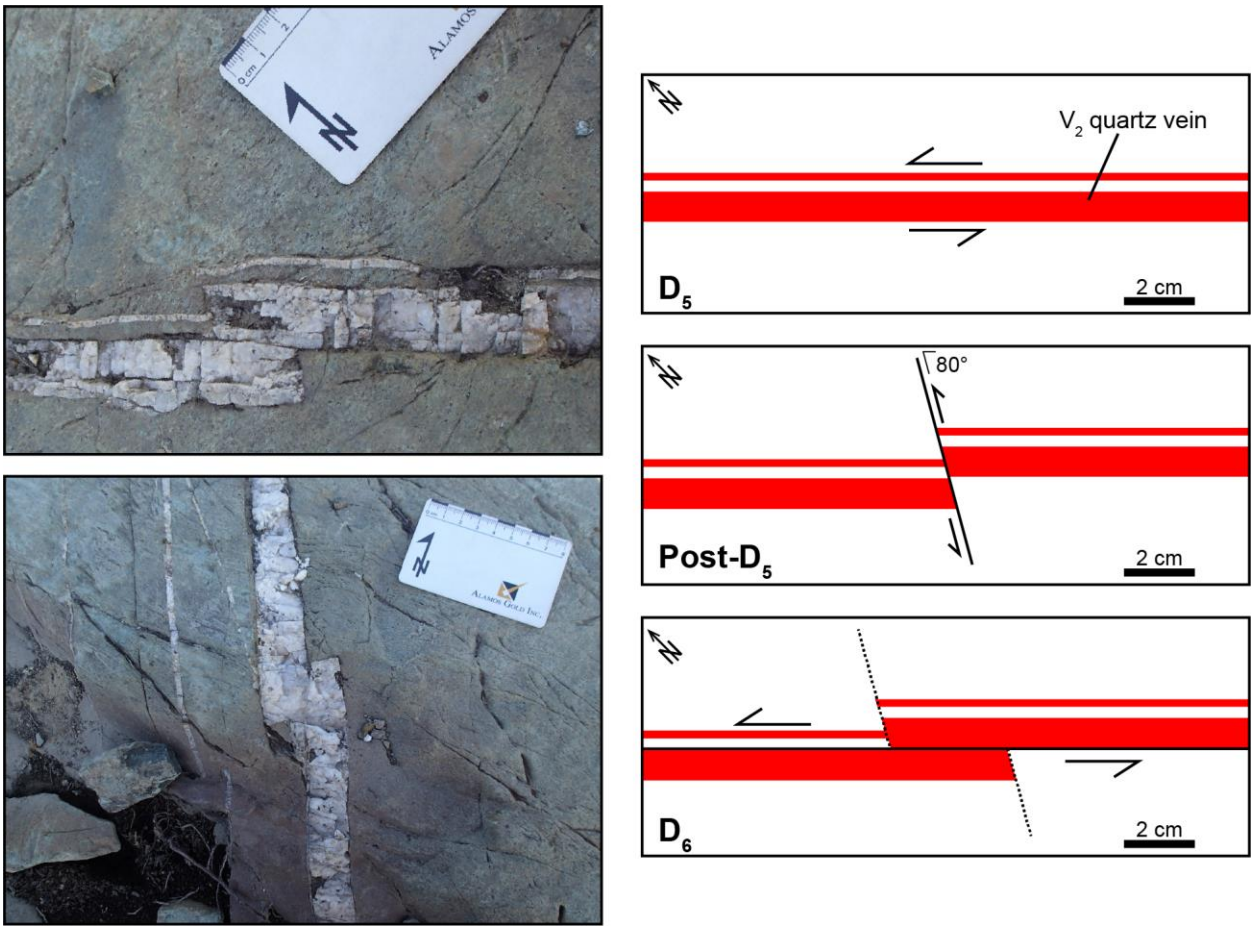


Fig. 4.12: Geometry of overlapping V_2 veins. resulting from an intermediate sinistral deformation stage between D_5 and D_6 deformation events. Schematic diagram is of the topmost photo. The significance of the post-D_5 faulting is unclear as the sinistral displacing faults are minor and discrete.

4.2.4 D_6: Sinistral, brittle

Brittle reactivation of the Maskinonge Lake fault is evident by the kilometre-scale sinistral stratigraphic offset recorded across the Maskinonge Lake fault, using the Morrison and Pine-Breccia massive sulphide units as marker horizons. The offset of these marker units is approximately 1.2 km, but marker horizons in the northern Michipicoten greenstone belt (i.e., the contact between the Doré metasedimentary and the Catfish mafic metavolcanic packages) only record an apparent 400 m of displacement. This deformation event is also responsible for the

brecciation of the main vein and silica halo on a local scale (Fig. 4.13). Pockets of fault breccia overprint the silica alteration, and fragments of silica-altered rock are up to 15 cm large with no preferred orientation or rotation.

Undifferentiated post-D_6 discrete joints are observed across the entirety of the Pine-Breccia outcrop, creating regularly spaced fracture networks striking at a high angle to the Maskinonge Lake fault and overprinting all earlier structures with <10 cm of offset. The joints are observed to cut one another with both dextral and sinistral shear sense, implying they form a contemporaneous set with rough conjugate symmetry. Sinistral joints strike dominantly at 240° whereas dextral faults are both 275°- and 250°-striking, creating an angle of 10–30° between the dominant strike of the joints (Fig. 4.14).

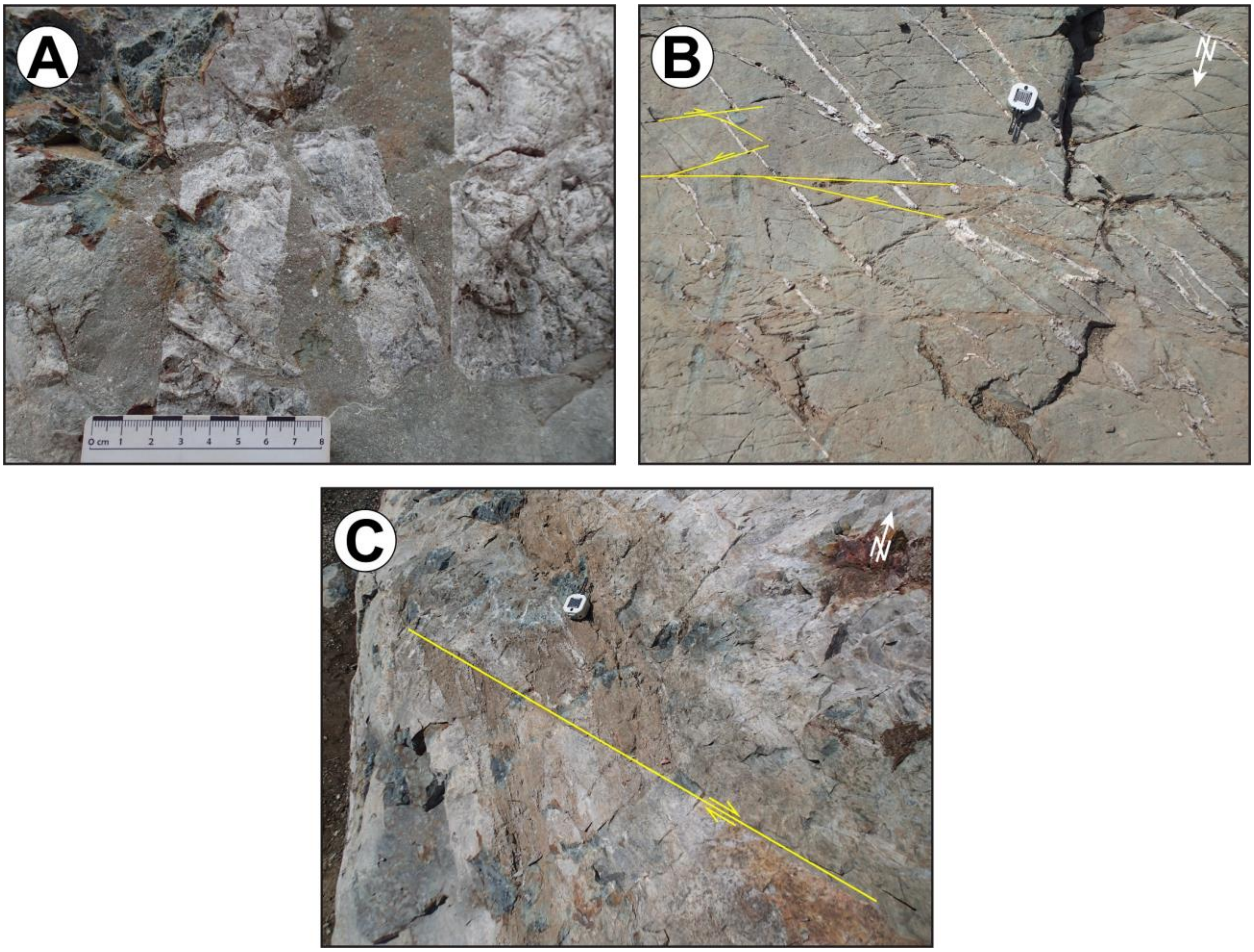


Fig. 4.13: Field evidence of brittle D_6 and post-D_6 deformation. (A) Fault breccia with 1–10 cm clasts of the main vein and fine-grained silica-altered material in the gouge. (B) Late contemporaneous brittle faults offsetting V_2 veins with opposing senses of shear. (C) High-angle faulting offsetting the main vein and silica halo with dextral shear sense.

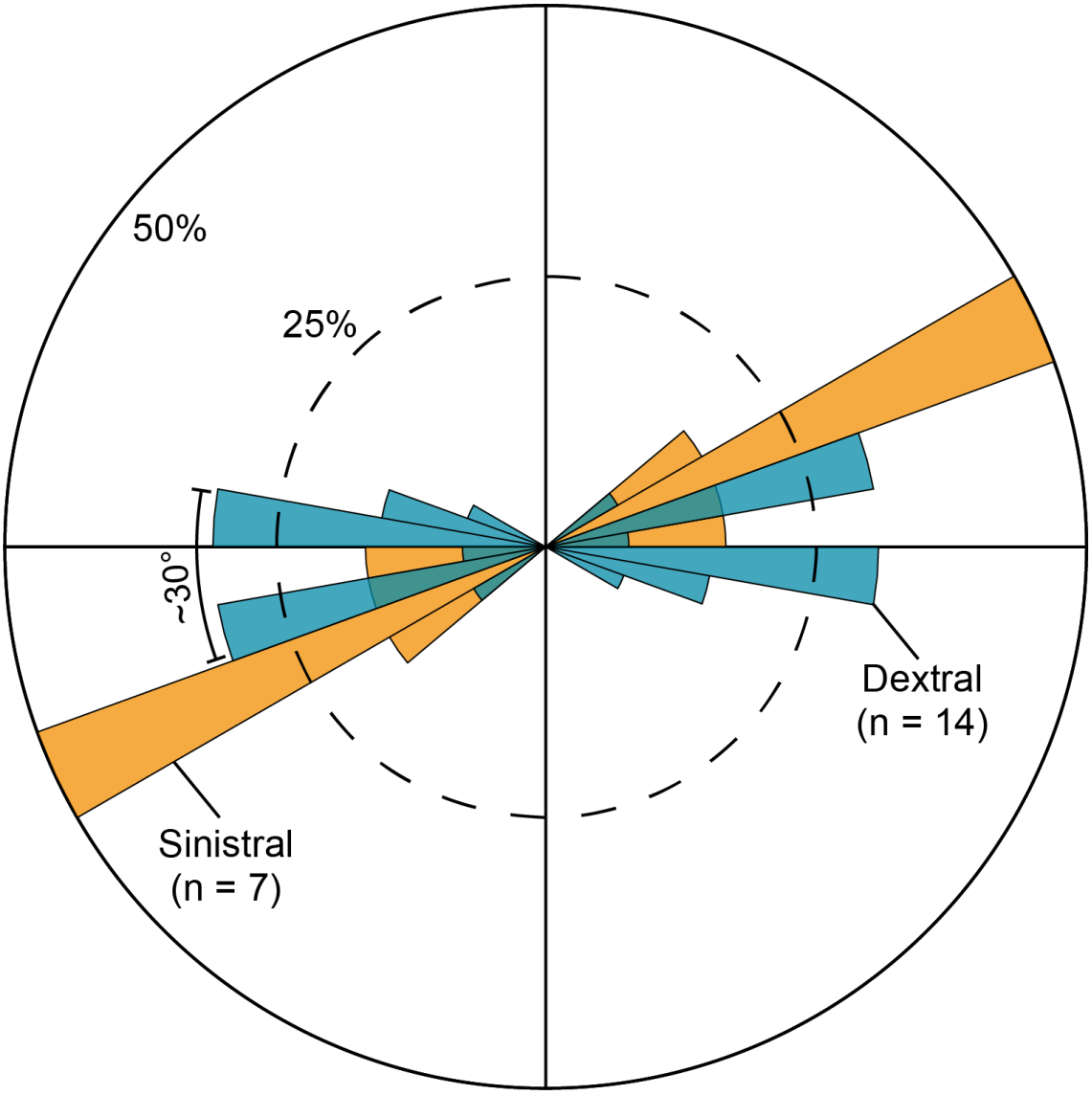


Fig. 4.14: Rose diagram of post-D_6 contemporaneous discrete brittle faults with opposing senses of shear and approximate conjugate symmetry (bin size of 10°).

Chapter 5: Geology, alteration, and mineralization of gold occurrences along the Maskinonge Lake fault

Three historic gold occurrences are located along the strike of the Maskinonge Lake fault. The primary study area, the Pine-Breccia occurrence, has been stripped and expanded by Alamos Gold to expose a 200 m-long section of the Maskinonge Lake fault. Two auxiliary study areas to the north of the Pine-Breccia occurrence, the Michael Syndicate shaft and the Clement occurrence, provide additional evidence of structural controls on mineralization along the Maskinonge Lake fault.

5.1 The Pine-Breccia occurrence

The Pine-Breccia gold occurrence is exposed predominantly along the northeast block of the Maskinonge Lake fault and comprises the Wawa assemblage felsic–intermediate tuffaceous rocks, the unconformable massive sulphide unit, and the Catfish assemblage pillowed mafic flows populated with interbedded chert-magnetite iron formations (Fig. 5.1). The mafic rocks gradually transition from a volcanoclastic unit in the south to pillowed basalt moving north across the outcrop and are interbedded with isoclinally folded chert-magnetite iron formations (Fig. 5.2). The northern section of the outcrop is also populated by numerous ENE-trending felsic–intermediate porphyritic dykes that intrude into the mafic metavolcanic country rock. The west side of the fault comprises strongly sheared mafic volcanic rocks that are intruded by the epidote-altered diabase dyke described in Chapter 4.1.5. The Maskinonge Lake fault has a 0.5–1 m wide altered damage zone with brecciated, pervasively silicified wall rock and anastomosing fault-parallel quartz-carbonate veinlets, which transitions into parallel, northwest-striking steeply dipping arrays of laminated quartz veins to the east of the fault zone (Fig. 5.3). Quartz veins are offset by spaced subvertical joint networks striking broadly E–W with both sinistral and dextral shear sense.

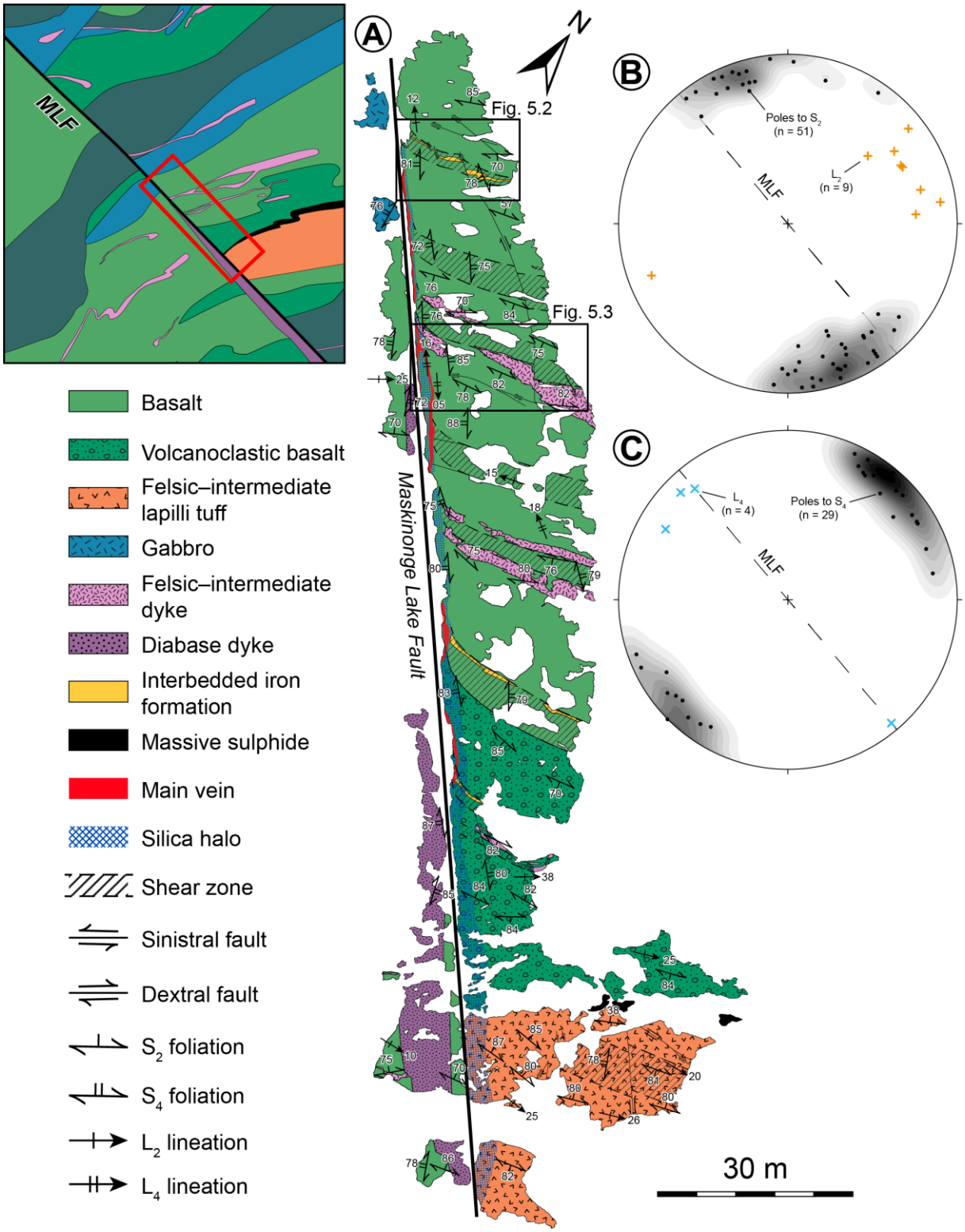


Fig. 5.1: (A) Detailed map of the stripped Pine-Breccia outcrop along the Maskinonge Lake fault. The inset map is modified from Fig. 4.1. Stereonets show (B) regional S_2/L_2 fabric and (C) fault-induced S_4/L_4 fabric.

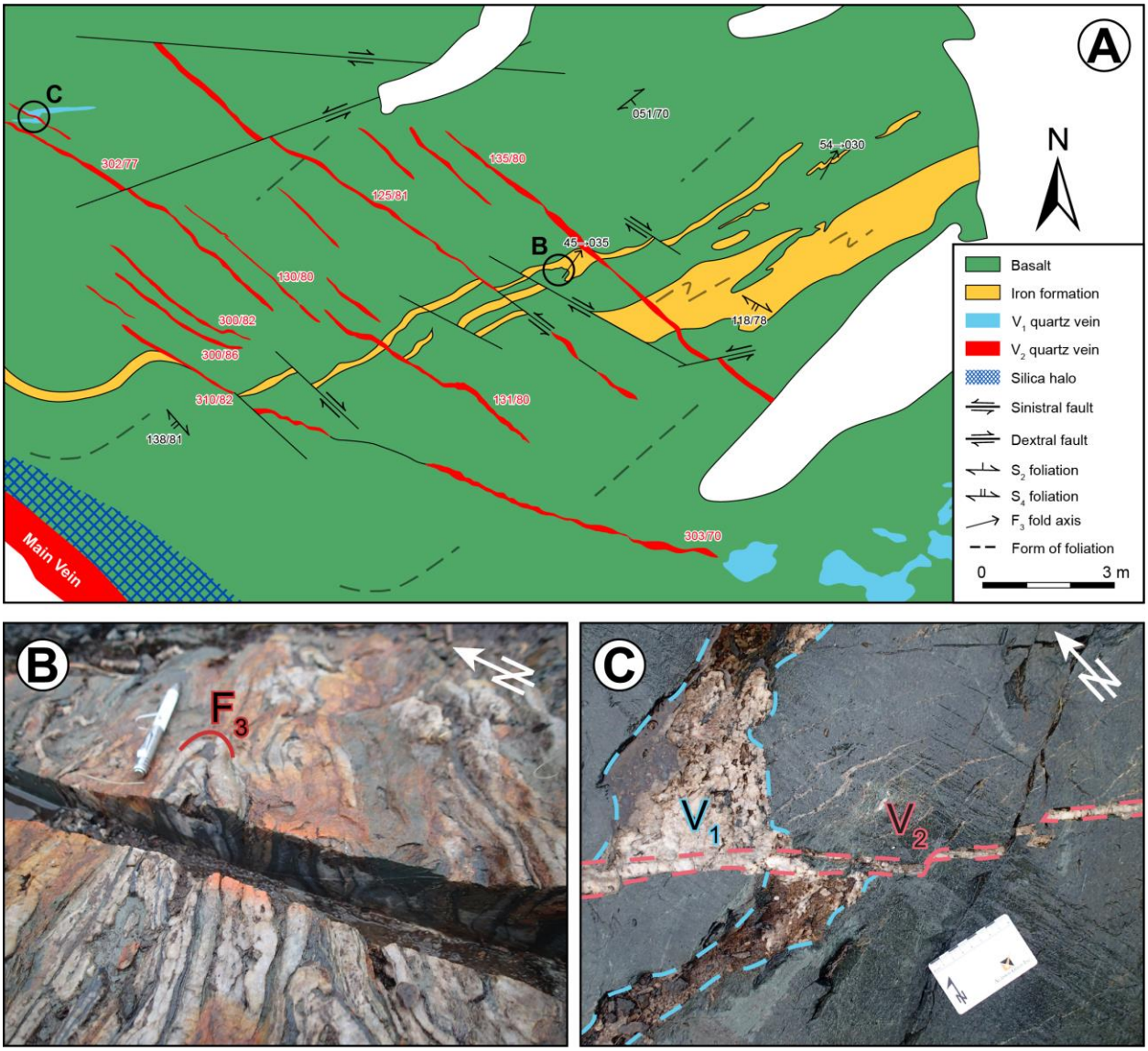


Fig. 5.2: (A) Detailed map of the northern section of the Pine-Breccia outcrop, showing the overprinting relationships between early folding in the interbedded iron formation, V_2 veins, and brittle faulting. (B) Isoclinal F_3 Z-folding in an interbedded magnetite-rich iron formation. The unit is displaced by both dextral and sinistral brittle faults. (C) V_1 veins cut and sinistrally displaced by 320°-striking V_2 veins.

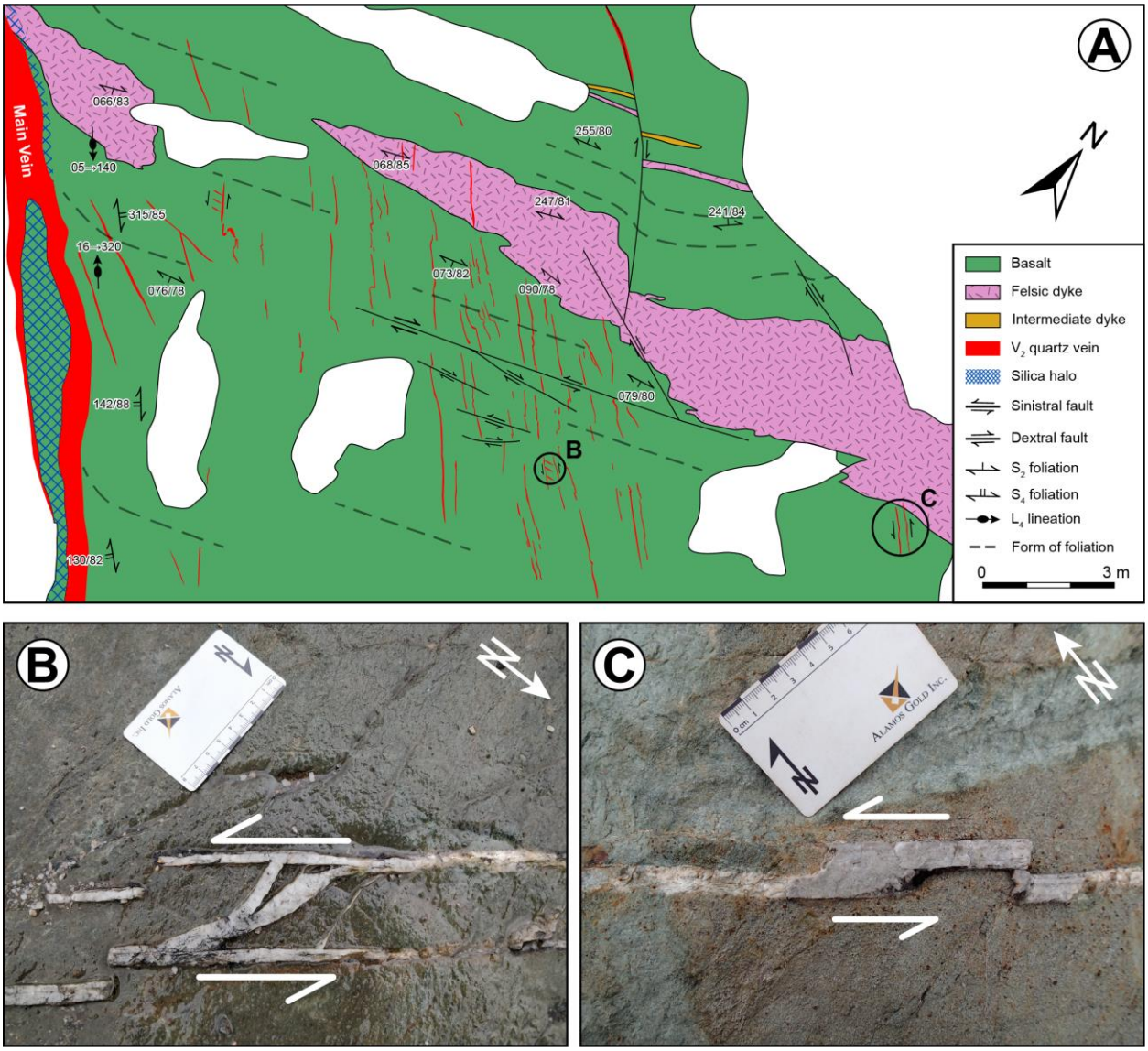


Fig. 5.3: (A) Detailed map of a central section of the Pine-Breccia outcrop, highlighting the abundance of 320°-striking veins and the dextral drag of foliation into the Maskinonge Lake fault. Veins display evidence of sinistral motion through (B) en echelon veins and (C) dilational jogs.

5.1.1 Veining and silica alteration

Intense, pervasive silica alteration and two generations of quartz ± carbonate ± chlorite veining (V_1 and V_2) are documented across the entirety of the eastern Pine-Breccia outcrop (Fig. 5.4**,** Fig. 5.5). The Maskinonge Lake fault exerts a strong spatial control on the extent of silicification. The alteration zone can be divided into two sections: a strongly altered zone (the "main vein") and an outer moderately silicified halo. Quartz subgrains in both V_2 veins and the

silica halo display minor bulging dynamic recrystallization and tend to increase in grain size with increasing alteration levels.

5.1.1.1 V_1

V_1 veins are massive, 10–20 cm long irregular quartz (± chlorite) veins with poorly defined morphologies and have a rough spatial correlation with east–west-striking shear zones. These veins do not strongly deflect regional foliation, although some do strike parallel to the foliation and are commonly overprinted by V_2 veins and/or brittle faulting. V_1 veins often display an oxidized, pinkish tint but are rarely sulphide-bearing.

5.1.1.2 V_2

V_2 veins are 1–2 cm wide with thinly laminated quartz (± calcite) layers, striking approximately 320–140° with a subvertical dip, analogous to the Maskinonge Lake fault though occasionally they strike slightly oblique to the main fault by 5–10° counterclockwise. V_2 veins are significantly more abundant than V_1 veins—increasing in abundance closer to the Maskinonge Lake fault—and overprint the earlier veins. Many V_2 veins record sinistral offset and develop pull-apart structures and en echelon veins (Fig. 5.3) consistent with sinistral movement. Both V_1 and V_2 veins are further overprinted by late brittle deformation and stockwork carbonate ± quartz veinlets. Hydrothermal chlorite occurs in quartz veins along laminated quartz layers, vein margins, subgrain boundaries, and extensional boudin necks (Fig. 5.6).

5.1.1.3 Moderately silica–altered zone

The outer halo of silica flooding is 30–40 cm wide, characterized by a laminated or mylonitic appearance with discrete, 1–2 cm wide boudinaged quartz veinlets. Quartz veinlets are hosted in the silica-altered wall rock, and though their boundaries become less discrete and more gradational with increasing alteration levels, their appearance is still preserved (Fig. 5.5C, D).

Pyrite (± chalcopyrite) stringers occur along vein boundaries. The width of the silica halo varies along the strike with a gradational contact with the wall rock and a sharp contact with the main vein, suggesting the silica halo predates the emplacement of the main vein. This zone occurs with the main vein in the northern region of the outcrop but extends further than the main vein along the entire southern region of the outcrop. Sinistral quartz-filled shear bands are observed where silica flooding is moderate to minimal, and the original appearance of the rock is preserved.

5.1.1.4 Intense silica–altered zone

The "main vein" occurs along the Maskinonge Lake fault and is characterized by 50 cm wide intense pervasive silica alteration that replaces the original inferred volcanic texture with massive crystalline quartz. The main vein occurs exclusively within the mafic volcanic package of the Pine-Breccia outcrop and is spatially associated with sulphidized shear zones; where the host rock has not undergone shearing, the main vein is not seen, although the silica halo is still observed. The contact with the silica halo is sharp and well-defined. In the central section of the Pine-Breccia outcrop, the vein splays into two branches and encompasses the silica halo. Quartz subgrains display sharp polygonal grain boundaries in significantly altered areas, suggesting the main vein has undergone static recrystallization. Within the central fault zone, both the main vein and silica halo are deformed by brittle deformation, creating pockets of fault breccia with no preferred orientation.

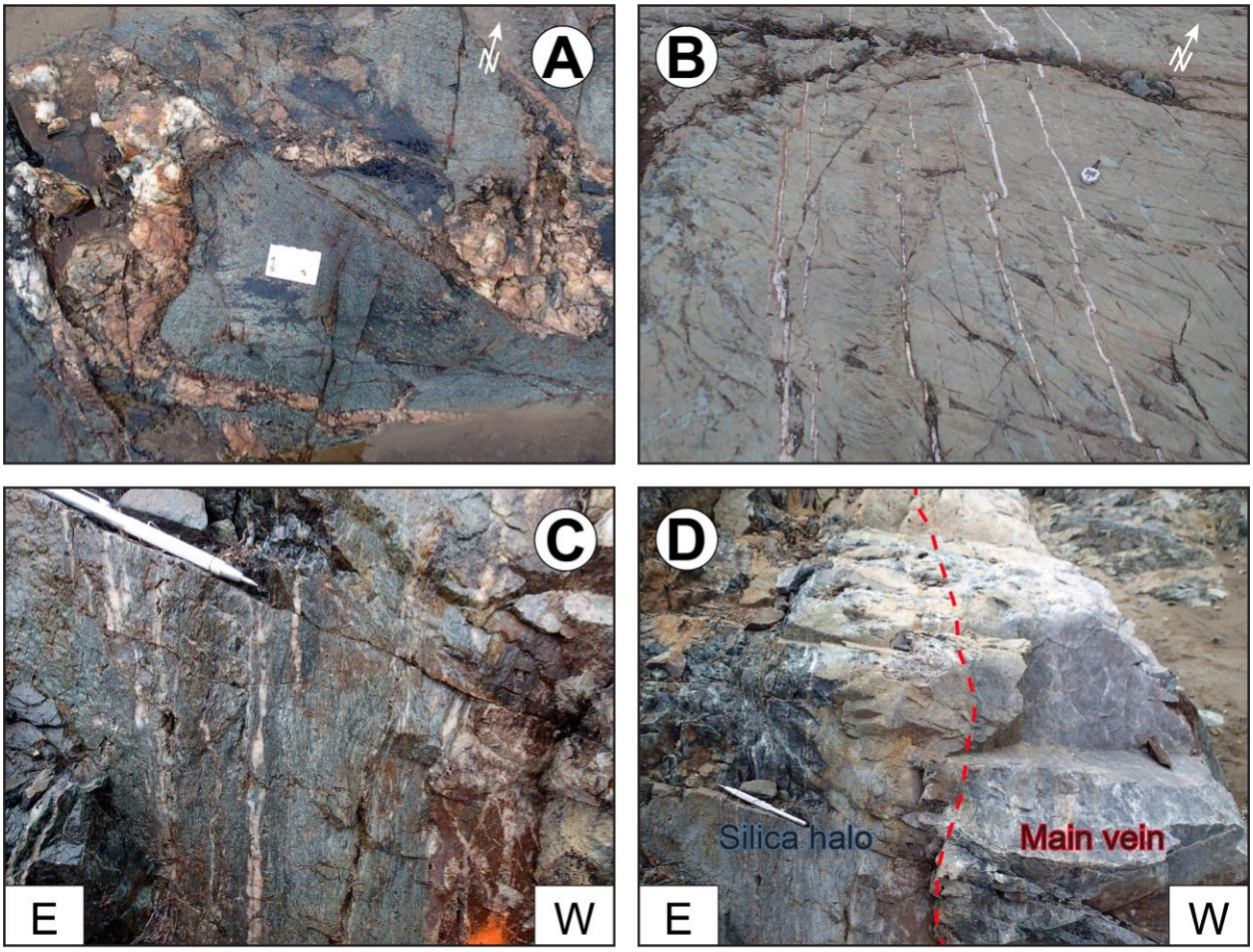


Fig. 5.4: Silica alteration styles at the Pine-Breccia outcrop. (A) Irregular V_1 vein with an oxidized, pink tint. (B) Array of subvertical V_2 shear veins striking 140–320°. Both (A) and (B) also display late brittle faulting. (C) Boudinaged quartz veinlets in the moderately altered silica halo, trending parallel to the main fault direction. (D) The silicified core of the fault classified into the outer silica halo and inner main vein.

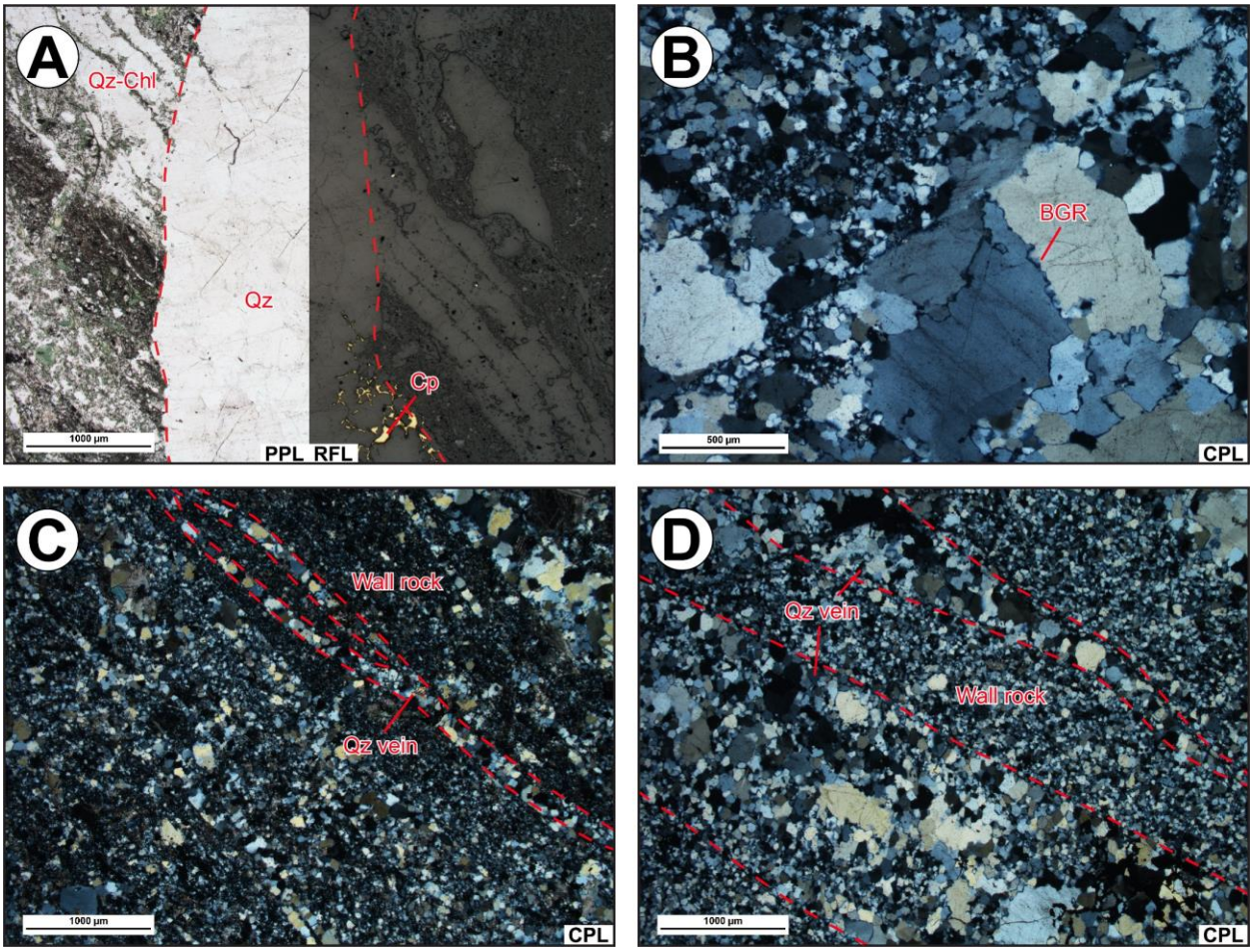


Fig. 5.5: Photomicrographs of alteration styles at the Pine-Breccia outcrop. (A) Laminated quartz-chlorite (Qz-Chl) V_2 vein overprinted by late chalcopyrite-rich (Cp) quartz veining that also records minor sinistral offset. (B) Bulging recrystallization (BGR) in coarse-grained quartz aggregates in the main vein. (C, D) Anastomosing quartz veinlets (outlined in red) in the silica halo. Alteration level increases from C to D.

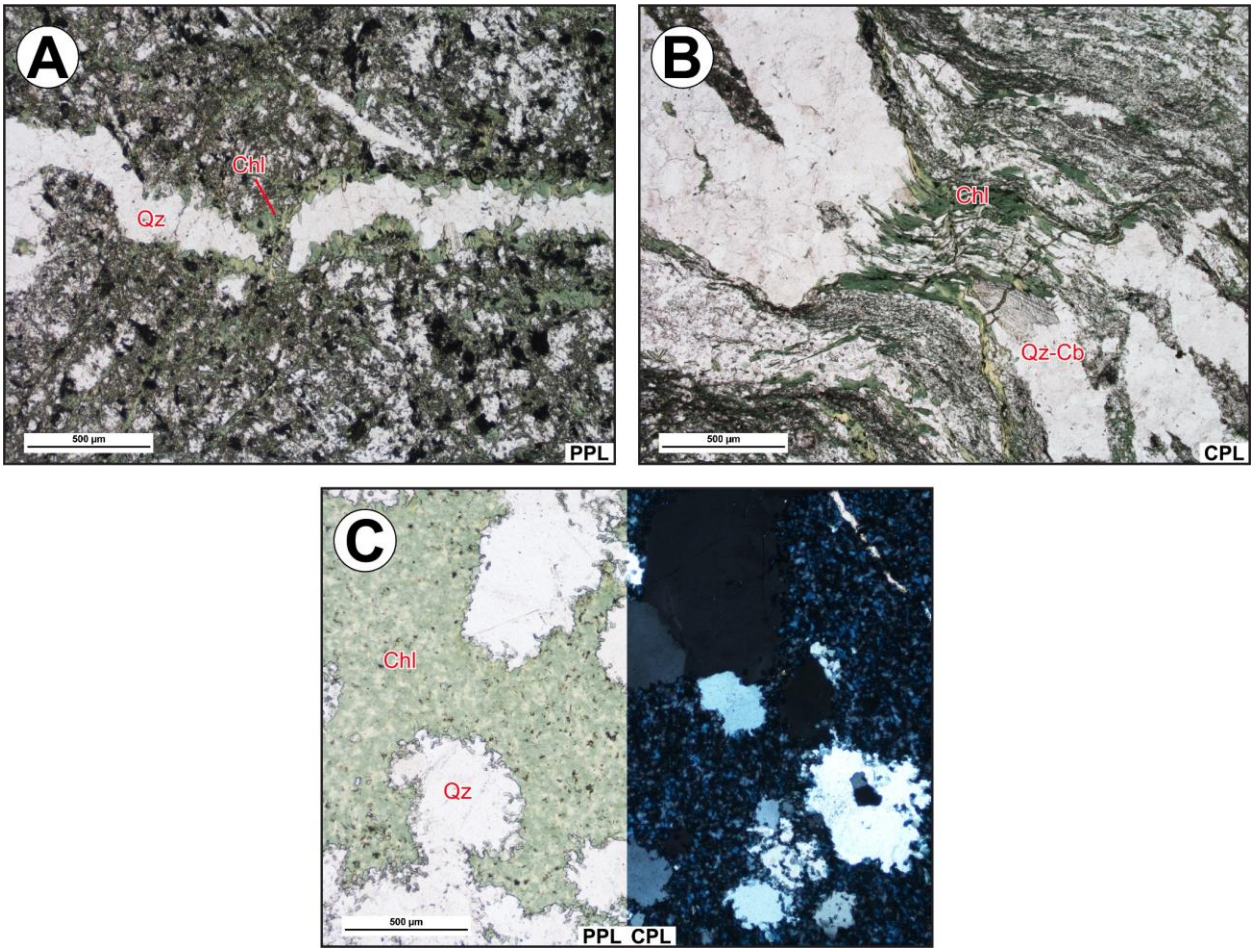


Fig. 5.6: Photomicrographs of hydrothermal chlorite alteration in quartz veins. (A) Fibrous chlorite (Chl) growth on the margins of quartz veins. (B) Sigmoidal chlorite in boudin neck of a quartz-carbonate (Qz-Cb) vein in the silica halo. (C) Chlorite replacement of quartz along subgrain boundaries.

5.1.2 Sulphide and gold mineralization

Coarse-grained chalcopyrite is the dominant sulphide observed throughout the main vein and is often recognized by a green weathering pattern which is most prevalent in areas of high-grade gold mineralization (Fig. 5.7B). Outside the main alteration zone, pyrite is the most prevalent sulphide mineral, forming halos in the wall rock extending approximately 1–2 cm from V_2 veins. Although there is no visible gold in the outcrop, petrographic microscopy indicates that gold is typically disseminated and nuggety, 10–20 µm in size, and is spatially associated with chalcopyrite although no direct paragenesis can be determined (Fig. 5.8). In the fault breccia,

gold and chalcopyrite are contained within the aggregate clasts of silicified rock, while pyrite is restricted to the finer-grained breccia matrix (Fig. 5.8C, D).

There is an evident increase in gold and silica concentrations moving towards the Maskinonge Lake fault, which is also observed in concentrations of Cu, Ag, and W (Fig. 5.9). Other typical tracer elements (i.e., S, As, Pb, Zn) correlate poorly with silica enrichment and gold mineralization and do not show much variation with distance. Comparing the distribution of well-correlated elements and common fluid alteration vectors in SiO_2 and K_2O (Goldfarb et al., 2005) with different lithologies reveals that Au, Cu, and Ag are all noticeably concentrated in the main vein and silicified mafic rock, with outlier amounts of copper enrichment in the unaltered mafic rock (Fig. 5.10). Sulphur is not prevalent in the main vein and is instead most enriched in the felsic–intermediate volcanic rocks. The main vein and silica-altered mafic volcanic rock contain 0–20 ppm of gold, whereas the silica-altered felsic tuff only contains 0–1.5 ppm Au. Silica and K_2O concentrations remain comparable between the main vein and silica-altered mafic and felsic rocks. The main vein hosts the highest grades of gold mineralization, but although the width of the vein remains relatively consistent, grades can fluctuate between 2–>30 ppm with a 10 m interval along strike (Fig. 5.11). Trace amounts of gold are measured in the silica halo, and outside the fault zone and pervasive silicification halo, V_2 veins and the wall rock are not gold-bearing.

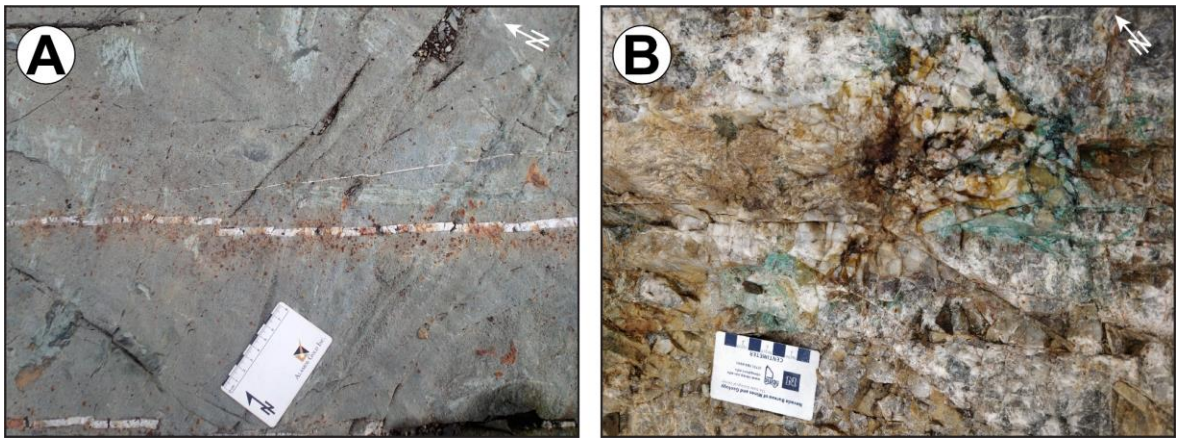


Fig. 5.7: Mineralization styles associated with veining and alteration. (A) Pyrite forms 1 cm halos around V_2 veins, but the veins themselves are not mineralized. (B) Chalcopyrite-rich pocket in the main vein, distinguished by characteristic green staining.

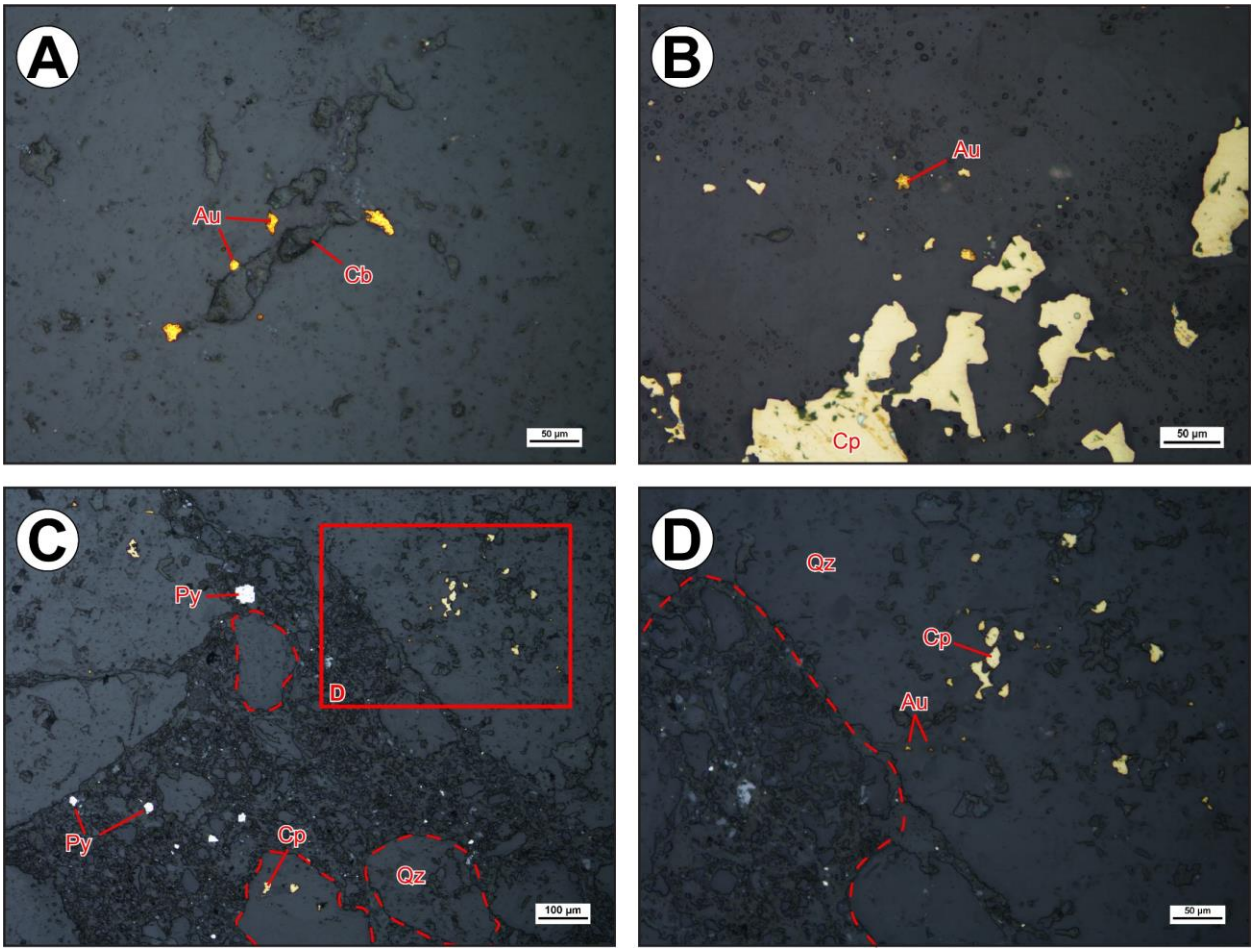


Fig. 5.8: Reflected light photomicrographs of mineralization. (A, B) Disseminated gold (Au) associated with (A) carbonate (Cb) veins and (B) chalcopyrite (Cp) in the main vein. (C) Brecciated main vein with chalcopyrite and gold in the silicified clasts and pyrite (Py) in the matrix. (D) Detail from (C) showing mineralization in the silicified clasts.

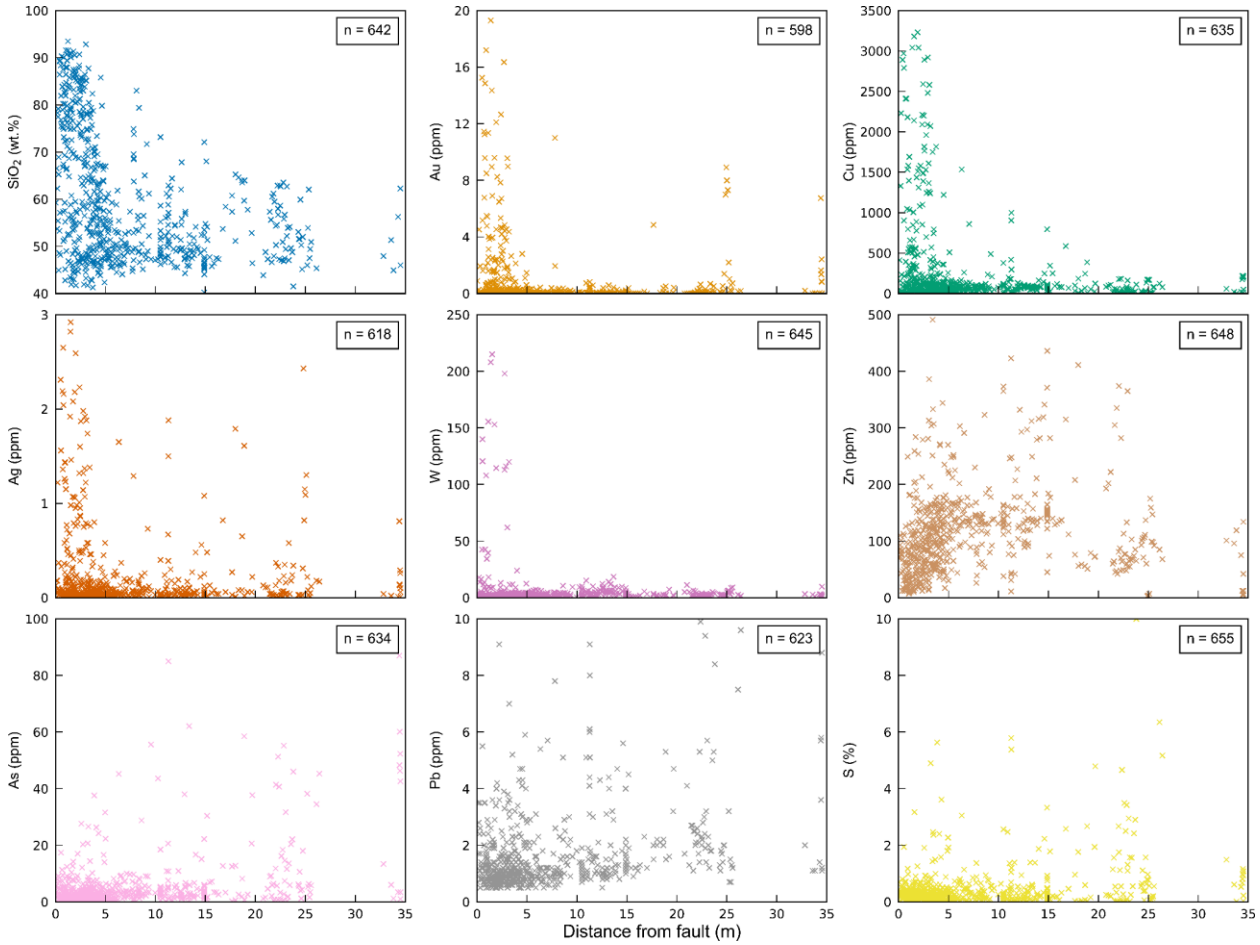


Fig. 5.9: Geochemical data for Pine-Breccia channel samples comparing elements commonly enriched in orogenic gold deposits (Goldfarb et al., 2005; Tomkins, 2013) with distance to the Maskinonge Lake fault. Distance was measured perpendicular to the surface trace of the fault. See Appendix for complete analysis and detection limits.

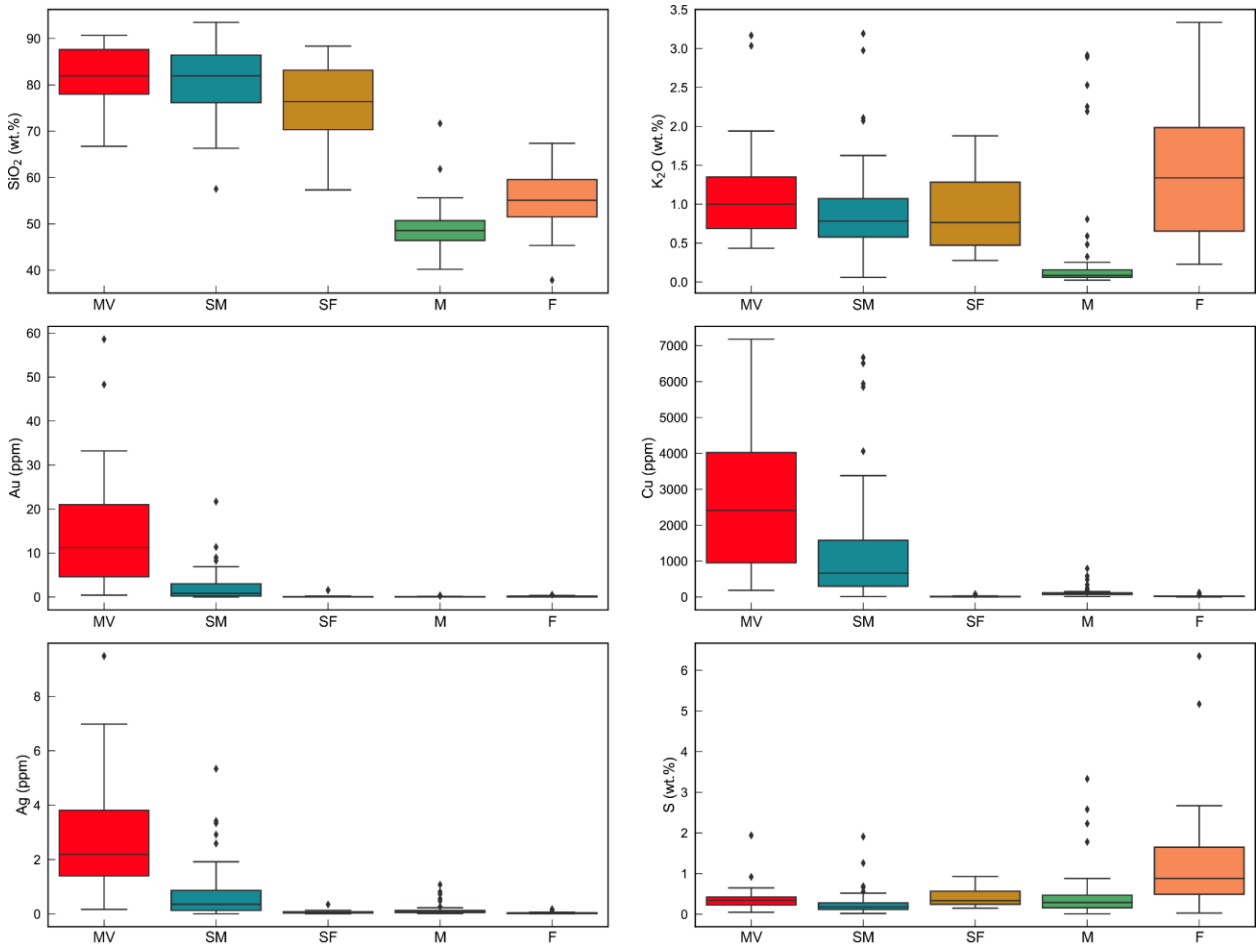


Fig. 5.10: Boxplots of the distribution of SiO_2, K_2O, Au, Cu, Ag, and S of strongly altered lithologies and their unaltered equivalents. Abbreviations: MV – main vein; SM – silicified mafic rock; SF – silicified felsic rock; M – unaltered mafic rock; F – unaltered felsic rock.

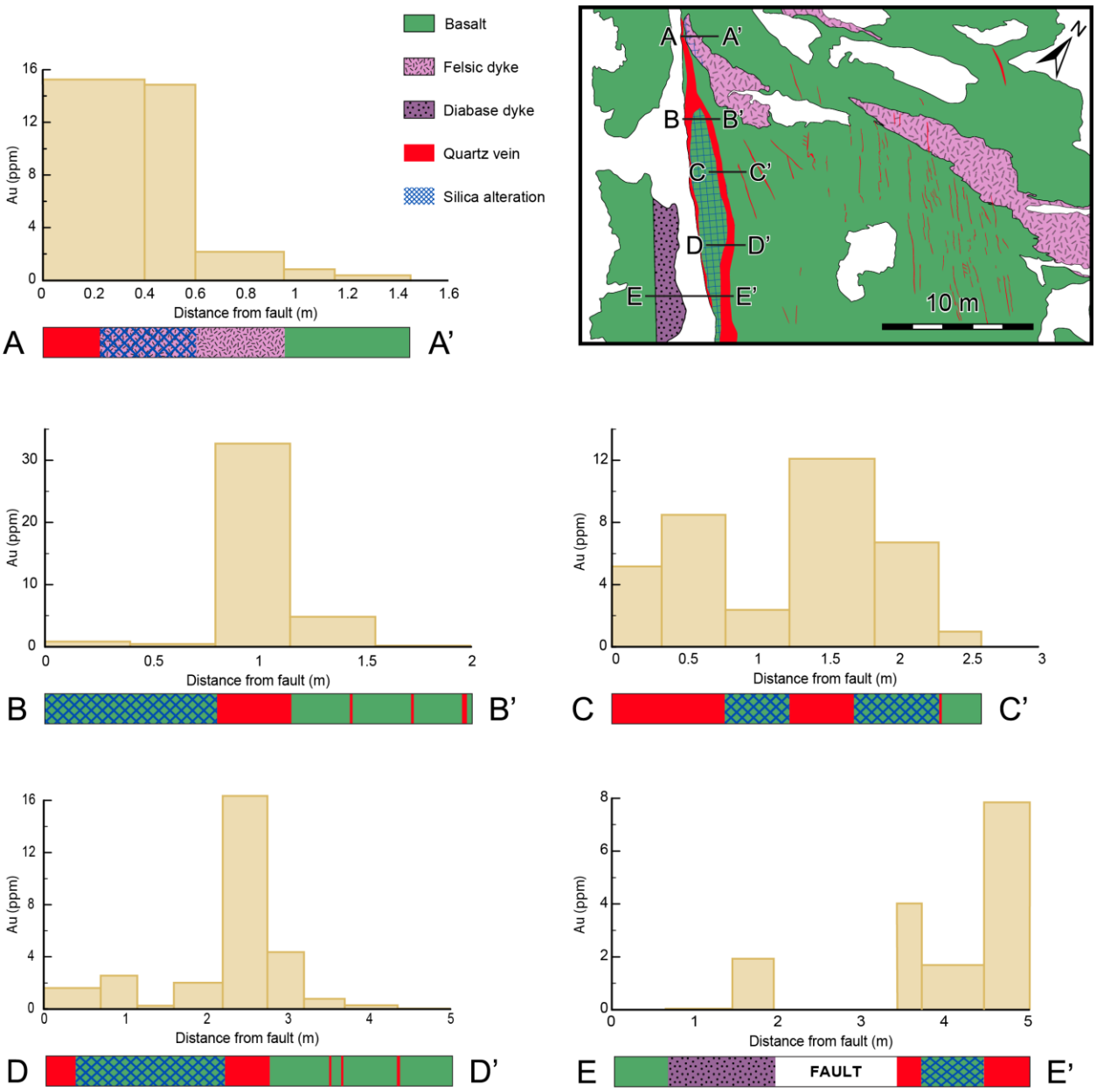


Fig. 5.11: Gold grade distribution along five channels across the main vein and various lithologies. Distance is measured east to west along channel lines. Inset map is modified from Fig. 5.1. Channel samples were assayed at ALS Geochemistry in Thunder Bay.

5.1.2.1 Sulphur Isotopes

The results of sulphur isotope analysis are shown in Fig. 5.12 and can be classified into three groups both by $\delta^{34}S$ values and petrological characteristics. The first group of samples includes chalcopyrite and pyrite from the intense silica-altered main vein, and have $\delta^{34}S$ values of 1.33–1.83‰ which is consistent with the $\delta^{34}S$ range of the Island Gold deposit (Jellicoe et al.,

2022). Pyrite grains from the mineralization halo around V2 veins have much lower $\delta^{34}S$ values (0.35–0.36‰), below the range of Island Gold values. Pyrite from the Pine massive sulphide returned a $\delta^{34}S$ value of 5.18‰.

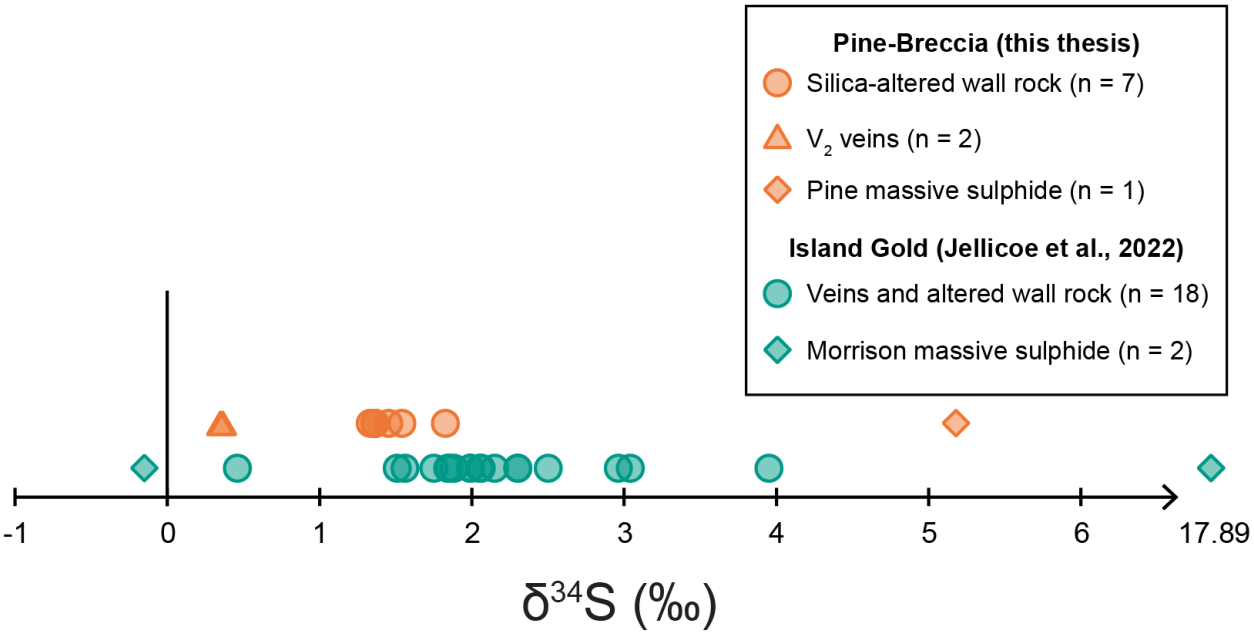


Fig. 5.12: $\delta^{34}S$ of pyrite from samples of mineralized veins and silica-altered wall rock collected from the Pine-Breccia outcrop, compared to samples from Island Gold (Ciufo, 2019).

5.2 Subsidiary gold occurrences along the Maskinonge Lake fault

5.2.1 Michael Syndicate

The Michael Syndicate shaft, also known as the McFadden occurrence, is located approximately a kilometre northwest of the Pine-Breccia occurrence along the strike of the Maskinonge Lake fault (Fig. 5.13). A 7 m-deep shaft was sunk at this occurrence in the late 1920s, and historic work has identified an association between gold and chalcopyrite hosted in siliceous fault breccia and stockwork veins, comparable to the Pine-Breccia mineralization style (Frey & Stewart, 1992). Mafic metavolcanic flows are populated by 340°-trending quartz veins, similar to V_2 veins but without well-defined laminations or discrete parallel vein boundaries. Several of these veins are offset by both sinistral and dextral brittle faults that primarily strike 300°.

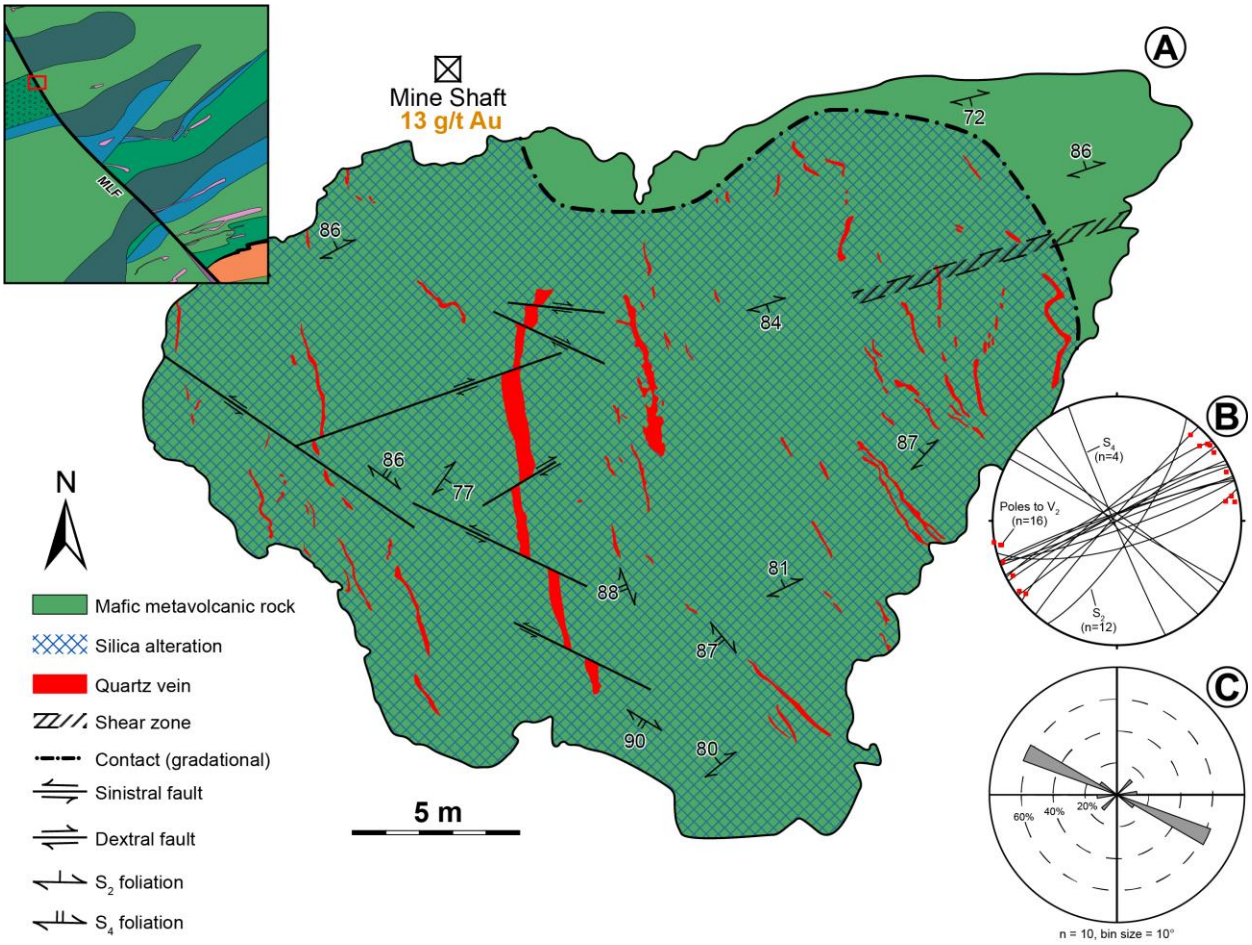


Fig. 5.13: (A) Detailed map of the Michael Syndicate outcrop along strike of the Maskinonge Lake fault, north of the Pine-Breccia occurrence. The inset map is modified from Fig. 4.1. (B) Equal-area stereographic projection of S2, S4, and poles to quartz veins. (C) Rose diagram showing the strike of small-scale faults (bin size = 10°) that crosscut veins.

5.2.2 Clement occurrence

The Clement occurrence is located between the Michael Syndicate and Pine-Breccia zones along the Maskinonge Lake fault, adjacent to east–west-trending felsic–intermediate dykes. Strong shearing in the mafic volcanic rocks is indicated by foliation planes at 250°/73° that become more intense toward the dyke contacts. Historic trenching has removed most of the mineralized material from the outcrop, but the walls of the pit contain sulphidized quartz (± tourmaline) veins striking subparallel to V_2 veins at the Pine-Breccia outcrop (Fig. 5.14A).

Additionally, the outcrop hosts significant gold grades (2.30–102.13 ppm Au, Edgar, 2012) that are associated with chalcopyrite mineralization (Fig. 5.14B).

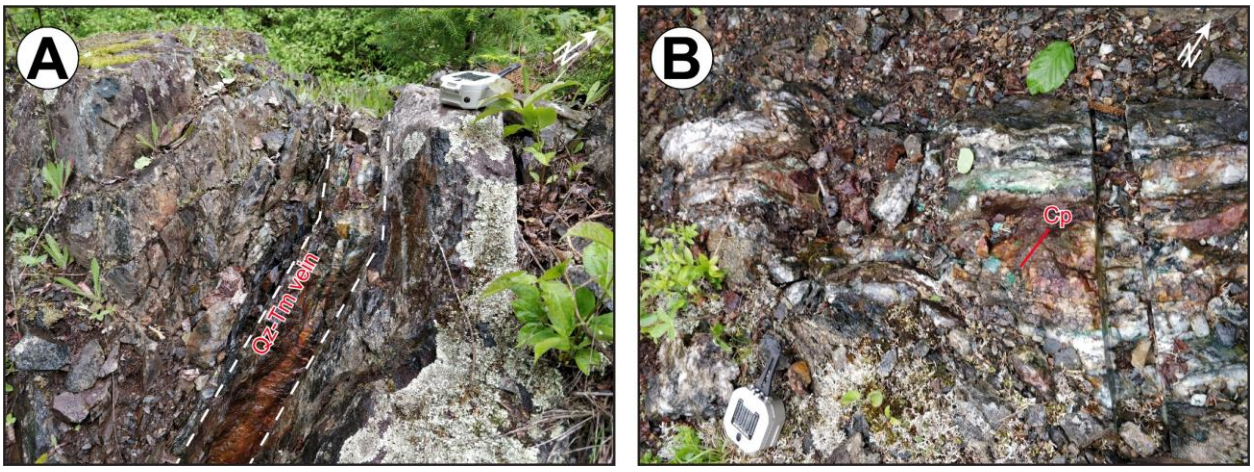


Fig. 5.14: (A) Rusted sulphidized quartz-tourmaline (Qz-Tm) vein in the Clement blast pit. The vein is oriented 135/80 and contains fragments of cherty material. (B) Characteristic green staining on mineralized quartz veins indicates the presence of chalcopyrite (Cp).

Chapter 6: Discussion

6.1 Geometry, kinematics, and deformation history of the Maskinonge Lake fault

6.1.1 Summary of deformation history

Six deformation events are observed throughout the study area (Table 1) and linking them to the regional and local fault movement is crucial to understanding the potential for gold mineralization in late transverse structures. Three generations of deformation (D_4–D_6) are directly related to the phases of movement along the Maskinonge Lake fault (Fig. 6.1) and expand on the structural history of the Goudreau Lake Deformation Zone described by Jellicoe et al., (2022).

D_4 is observed on both the local and regional scale and is defined by dextral, ductile to brittle-ductile deformation that resulted in the initiation of the Maskinonge Lake fault and the crenulation and rotation of the strike of S_2. The crenulation of S_2 developed S_4 axial planar cleavage that becomes brittle closer to the Maskinonge Lake fault. L_4 lineations measured on the S_4 plane are subhorizontal and are therefore consistent with a monoclinic strike-slip fault system (Passchier, 1998).

D_5 deformation is defined by the sinistral reactivation of the Maskinonge Lake fault under brittle-ductile conditions and coincided with the emplacement of both the fault-parallel barren V_2 shear veins and the auriferous main vein. En echelon veins associated with V_2 veins support a strike-slip system for the fault with a subhorizontal, northwest-trending shear vector, and make an angle $\alpha > 45°$ with the fault plane, suggesting that D_5 occurred in a transpressive environment. V_2 veins often exhibit an overlapping appearance; the kinematics of this are incompatible with D_6 sinistral transcurrent deformation and may instead reflect a discrete, cryptic post-D_5 stage.

D_6 brittle deformation is responsible for both the kilometre-scale stratigraphic offset between the Morrison and Pine massive sulphide units and the local brecciation of the main vein and gold mineralization. This was followed by undifferentiated post-D_6 brittle deformation that creates discrete faults of approximate conjugate symmetry at an angle of ~30° to one another.

In summary, D_4 and D_5 are the most important deformation events relating to gold mineralization. Cleavage developed during D_4 ductile dextral shearing presented a favourable surface for brittle-ductile sinistral strike-slip reactivation of the Maskinonge Lake fault in D_5, which likely created the necessary structural conduits for infiltrating fluids.

Table 1: Summary of the kinematics, extent, and features of each deformation event observed in the study area, categorized by deformation extent.

Event	Kinematics / Style	Main Features	Figures
		Goudreau Lake Deformation Zone	
D_1	North-south compression	• Upright kilometre-scale folds (Goudreau Anticline, F_1)	Fig. 4.1
D_2	Sinistral north-side-up transpression	• Penetrative ENE-striking foliation (S_2) • Shallowly plunging ENE-trending stretching lineations (L_2)	Fig. 4.7, Fig. 4.8
D_3	Dextral south-side up transpression	• Isoclinal Z-folding, transposition of S_2 (F_3) • ENE-striking axial planar cleavage (S_3)	Fig. 4.7
		Maskinonge Lake fault	
D_4	Dextral ductile shearing	• Initiation of the Maskinonge Lake fault • Centimetre-scale crenulation and kink folds (F_4) • Subvertical NW–SE-striking axial planar cleavage (S_4) • Subhorizontal NW-trending stretching lineations (L_4)	Fig. 4.8, Fig. 4.9, Fig. 6.1
D_5	Sinistral brittle-ductile shearing	• Reactivation of the Maskinonge Lake fault • Quartz-filled shear veins with en echelon veins (V_2, V_{2e}) • Pervasive silicification	Fig. 4.9, Fig. 4.10, Fig. 4.11, Fig. 6.1, Fig. 6.4
D_6	Sinistral brittle faulting	• Kilometre-scale offset • Brecciation of silica-altered rock at Pine-Breccia	Fig. 4.13, Fig. 4.14, Fig. 6.1

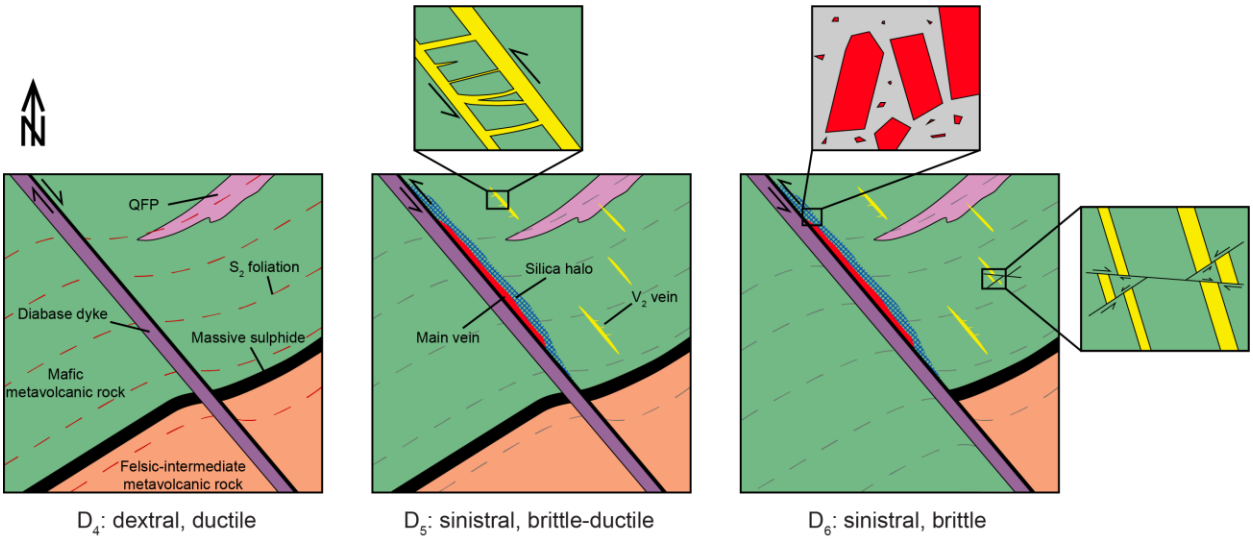


Fig. 6.1: Kinematic diagram showing the three phases of movement along the Maskinonge Lake fault. D_4 is defined by the dextral drag of S_2 foliation across the fault. Silica flooding and quartz vein emplacement coincide with sinistral brittle-ductile motion (D_5) before brittle deformation and brecciation in D_6.

6.1.2 Structural setting of the Maskinonge Lake fault

Previous workers (Goodwin, 1962; Heather & Arias, 1992; Sage, 1994) proposed a reverse, east-side-up kinematic framework for the Maskinonge Lake fault, and the apparent sinistral displacement of the stratigraphy is a result of the uplift of the eastern block and exposure of older felsic–intermediate volcanic rocks. However, the preponderance of structural evidence across the study area suggests that the Maskinonge Lake fault plane is subvertical (Fig. 6.2) and the horizontal linear elements (e.g., D_5 shear direction, L_4 lineations) result from deformation that is dominated by transcurrent transpression with monoclinic symmetry (Lin et al., 1998).

The Maskinonge Lake fault and associated alteration, veining, and minor faulting, overprint earlier structural features (i.e., D_1–D_3) at a high angle and are therefore late features relative to the GLDZ deformation history (Jellicoe et al., 2022). The multi-stage D_4–D_6 deformation sequence described here suggests that the Maskinonge Lake fault was potentially a long-lived structure that records a complete transition from ductile to brittle deformation. Two hypotheses are presented here on the initiation of the Maskinonge Lake fault during D_4

deformation: the fault may have originated from a regional compressional event prior to the emplacement of the diabase dyke, or the fault developed due to shearing along the contact of the dyke.

The first scenario is that the Maskinonge Lake fault developed prior to the emplacement of the dyke as a conjugate shear during a regional north-south compression event (Fig. 6.3). Many northeast-trending structures with sinistral shear sense are documented around the Goudreau–Localsh area at an angle of approximately 60° to the Maskinonge Lake fault (Arias & Heather, 1987), which may represent the conjugate structures to the dextral fault (i.e., D_4 deformation). This hypothesis is supported by the lack of D_4 fabric in the dyke, but field evidence for a late regional north-south compression event is otherwise not observed in the study area.

An alternative interpretation is that the Maskinonge Lake fault developed after the emplacement of the diabase dyke. The dyke intrudes at a high angle to the regional S_2 structures, so it is possible that the Maskinonge Lake fault exploited the contact between the dyke and the surrounding anisotropic mafic volcanic rocks which acted as a preferential plane of weakness. The lack of fabric present in the dyke may be, in this case, attributed to the coarser-grained texture and more competent nature than the surrounding fine-grained metavolcanic rocks. Many northwest-trending diabase dykes are observed throughout the Michipicoten greenstone belt with no recorded faulting associated (Sage, 1994), providing empirical evidence of dyke emplacement without prior structural controls and making this scenario the more likely of the two. A combination of the two scenarios is also possible, as a north-south compression event after the emplacement of the dyke could still impart dextral shearing along the dyke contact.

As the kinematics and senses of shear remain the same between D_5 and D_6, the transition from brittle-ductile to brittle deformation is the defining separation factor between the two deformation stages. Within the main vein, quartz grains display both bulging recrystallization with increasing recrystallized grain size towards the core of the main vein (Fig. 5.5). The size and style of recrystallized quartz grains may suggest that D_5 deformation occurred between 300–400 °C (Stipp et al., 2002), although additional unquantifiable factors such as strain rate and free water also influence dynamic recrystallization (Law, 2014). Static recrystallization is also observed by annealed grain boundaries, suggesting that either latent heat or free water remained following D_5 deformation. The introduction of silica-rich fluids along the Maskinonge Lake fault during D_5 may have promoted strain weakening (Chakraborty et al., 2020) and is therefore unlikely to have facilitated the transition from brittle-ductile to strictly brittle deformation without a significant time interval or change in strain rate between D_5 and D_6.

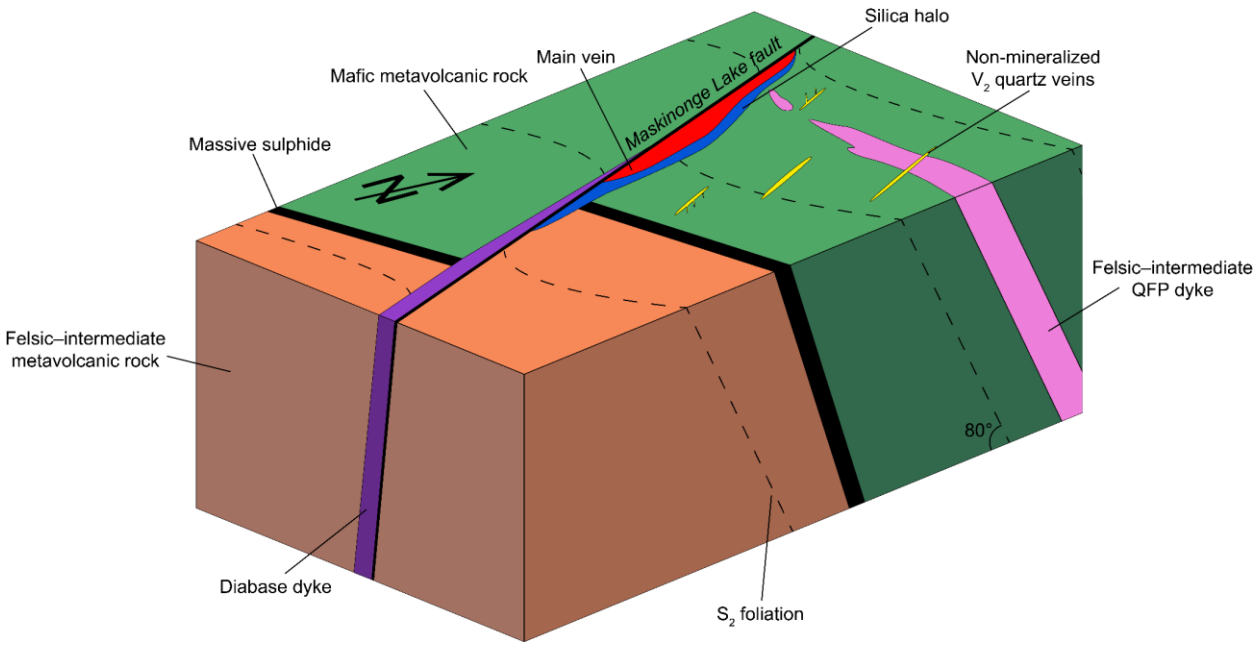


Fig. 6.2: Block model of the Maskinonge Lake fault, summarizing the geometry of the fault and structural relationships observed at the Pine-Breccia gold occurrence.

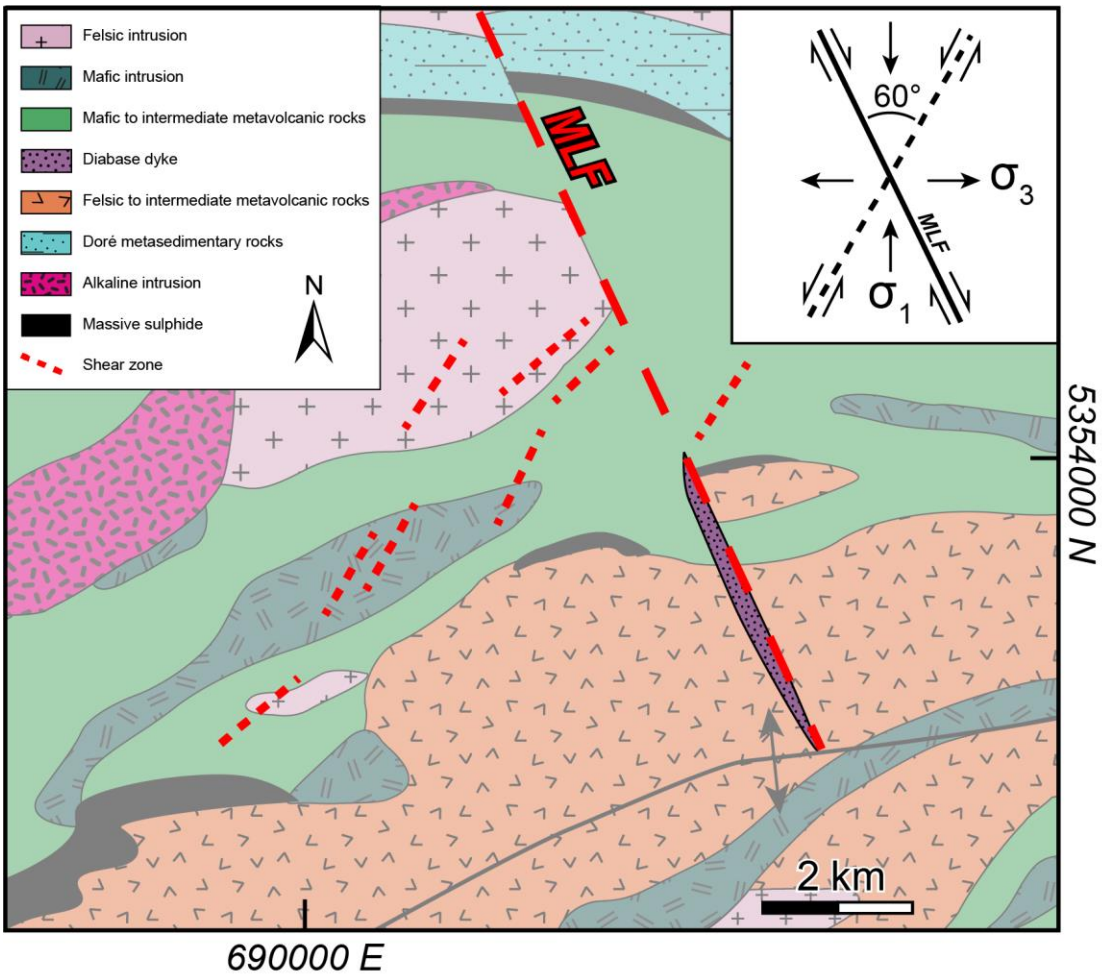


Fig. 6.3: Major structures in the northern Goudreau-Localsh domain conceptualizing the potential initiation of the Maskinonge Lake fault (MLF) during broad north-south compression. Modified from Figure 2.5 with northeast-striking shear zones from Arias & Heather (1987).

6.1.2.1 Timing of deformation and mineralization

The Maskinonge Lake fault and associated mineralization transect D_2 and D_3 fabrics, which have been constrained to 2680–2672 Ma by Jellicoe et al. (2022). The timing of D_2, therefore, represents the both the older age limit of the Maskinonge Lake fault and syn-D_5 mineralization. However, resolving the age of each D_4–D_6 event is not possible given the available field data, nor is placing a young age constraint on mineralization without evidence of post-faulting activity.

6.2 Controls on the distribution of gold

6.2.1 Structural controls on mineralization

Gold mineralization at the Pine-Breccia occurrence is almost exclusively localized within the main vein, with minor quantities in the silica halo only when proximal to the main vein (Fig. 5.10). The Maskinonge Lake fault exerts a clear primary structural control on the distribution of gold, but the heterogeneity of mineralization along the strike of the fault implies the presence of a secondary structural control (Fig. 5.11). The intersection of S_2-parallel shear zones and the Maskinonge Lake fault often returns the highest grades within the main vein, and channel samples across S_2-parallel shear zones contain above-background levels of gold mineralization (0.5–5 ppm Au). The zone of mineralization, existing predominantly within the main vein, is inferred to plunge 73° towards 320°, parallel to the intersection lineation between the shear zones and the Maskinonge Lake fault (Fig. 6.4). Furthermore, many shear zones at the Pine-Breccia occurrence tend to be associated with felsic dykes, and shear deformation is particularly intense when the zones are constrained on the north and south by paired felsic dykes (Fig. 5.1). These felsic dykes may have behaved more competently during early D_2 shearing and created high-strain shear zones along the intrusive contacts with the less competent mafic metavolcanic rock, analogous to the Webb Lake stock and Island Gold deposit genetic model, albeit on a smaller scale (Jellicoe et al., 2022). Although the paired felsic dykes are not strictly necessary for the development of these high-strain zones, they may have partitioned greater amounts of strain which would have subsequently created advantageous conduits for mineralized fluids.

Mineralization and alteration on the east block of the Pine-Breccia zone are spatially associated with the northwest-trending diabase dyke on the west block, proximal to the Maskinonge Lake fault. The combination of the competent and impermeable dyke on the west block and the extension imparted by the intersection of the Maskinonge Lake fault and S_2-

parallel shear zones on the east block is interpreted to limit alteration and mineralization exclusively to the east block of the Pine-Breccia zone. While this relationship between dykes and mineralization has been documented in similar gold-bearing transverse fault systems (Lin & Corfu, 2002).

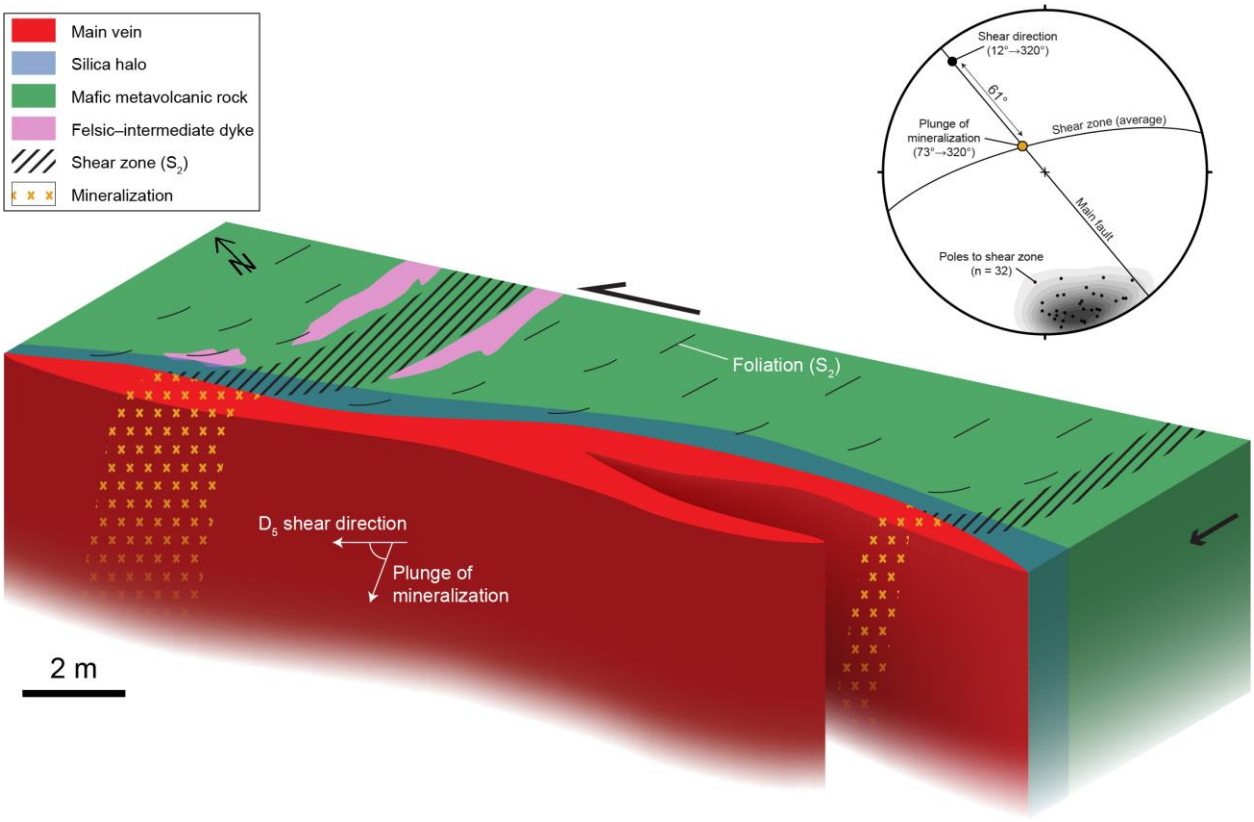


Fig. 6.4: Block model of D_5 transpressional deformation, showing the predicted plunge of mineralization in the main vein defined by the intersection lineation between S_2-parallel shear zones and the Maskinonge Lake fault. Note the dextral drag of foliation and shear zones is related to earlier D_4 structures.

6.2.2 Fluid source and transport

Chalcopyrite is a consistent pathfinder for gold in the main vein (Fig. 5.8), whereas other sulphide minerals (e.g., pyrite, pyrrhotite) are widespread outside the silica alteration and are therefore unreliable indicators of gold mineralization. Although paragenetic sequences are difficult to resolve with reflected light microscopy alone, the correlation between gold and

copper concentrations in whole-rock samples implies a genetic and spatial relationship between gold and chalcopyrite (Fig. 5.9).

The main vein and associated silica halo display similar SiO_2 and K_2O enrichment, and aside from gold and copper mineralization, cannot be differentiated geochemically and therefore are likely to originate from the same fluid (Fig. 5.10). However, although the range of $\delta^{34}S$ in the silica-altered wall rock overlaps with the sulphur isotope values of the Island Gold deposit (Fig. 5.12), the extreme enrichment of copper and the corresponding lack of enrichment of sulphur in the main vein implies that either the source or the transport mechanism differs from the Island Gold system (Fig. 6.5). The anomalously high concentrations of copper associated with gold present chloride complexing as a possible transport mechanism and might explain the lack of correlation with sulphur in the main vein (Gaboury, 2019; Goldfarb et al., 2005). Additionally, $\delta^{34}S$ values of the V_2 veins plot outside the values of the silica-altered fault zone (Fig. 5.12) which may suggest that the gold-barren V_2 veins represent a separate fluid generation from the main vein. Boudinaged V_2 veins and veinlets in the silica halo showing late chlorite growth along grain boundaries and vein margins provide further evidence for multiple fluid infiltration events during progressive D_5 deformation (Fig. 5.6).

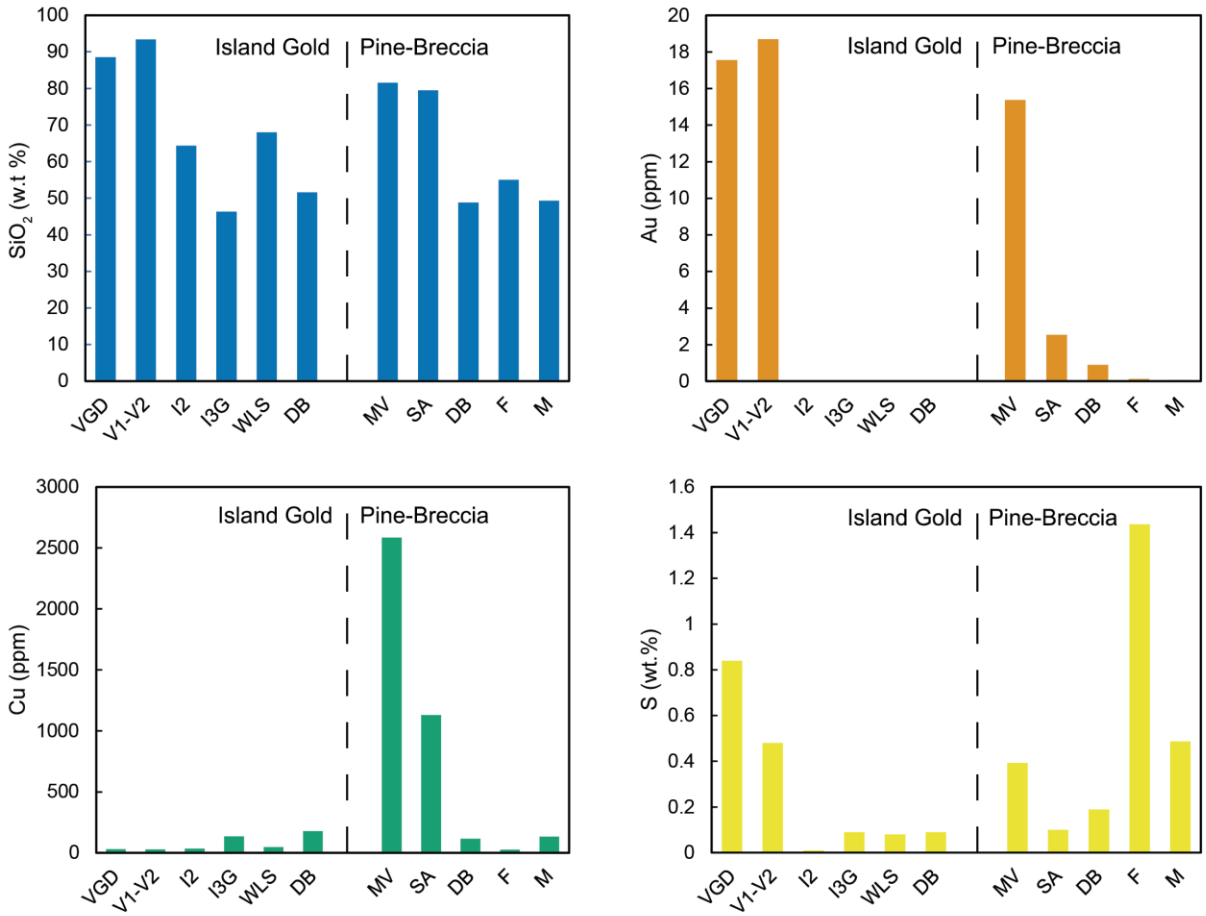


Fig. 6.5: Comparison of the distribution of SiO_2, Au, Cu, and S between major lithologies and veins at the Island Gold deposit (Ciufo, 2019) and the Pine-Breccia occurrence. Abbreviations: VGD – Gold-bearing veins of the Goudreau Zone; V1-V2 – Gold-bearing veins of the Island Gold deposit; I2 – Dacitic volcanic rocks; I3G – Gabbro; WLS – Webb Lake stock (tonalite–trondhjemite); DB – Diabase; MV – Main vein; SA – Silica-altered wall rock, F – Least-altered felsic-intermediate volcanic rocks; M – Least-altered mafic volcanic rocks.

6.3 Implications for exploration

The northwest-trending Herman Lake fault, which hosts the Adonis occurrence, shows comparable apparent sinistral offset to the Maskinonge Lake fault with a similar breccia-hosted, chalcopyrite-rich style of gold mineralization (Arias & Heather, 1987). Both faults strike parallel to the array of magnetic Matachewan dykes across the GLDZ, and although a diabase dyke is observed locally along strike of the Maskinonge Lake fault, neither it nor the Herman Lake fault are coincident with a strong aeromagnetic anomaly (Fig. 6.6). This may reflect either the

discontinuous nature of the dyke or the reduction of magnetite content due to the introduction of hydrothermal fluids along the fault (Airo, 2002), which is likely given the extensive silicification observed within proximity to the dyke. Alternatively, the dyke may be independent of the Matachewan suite and therefore exhibit a different magnetic signature to other northwest-trending Matachewan dykes. The combination of late transverse faults and non-magnetic dykes is a potentially significant pathfinder for prospective exploration targets.

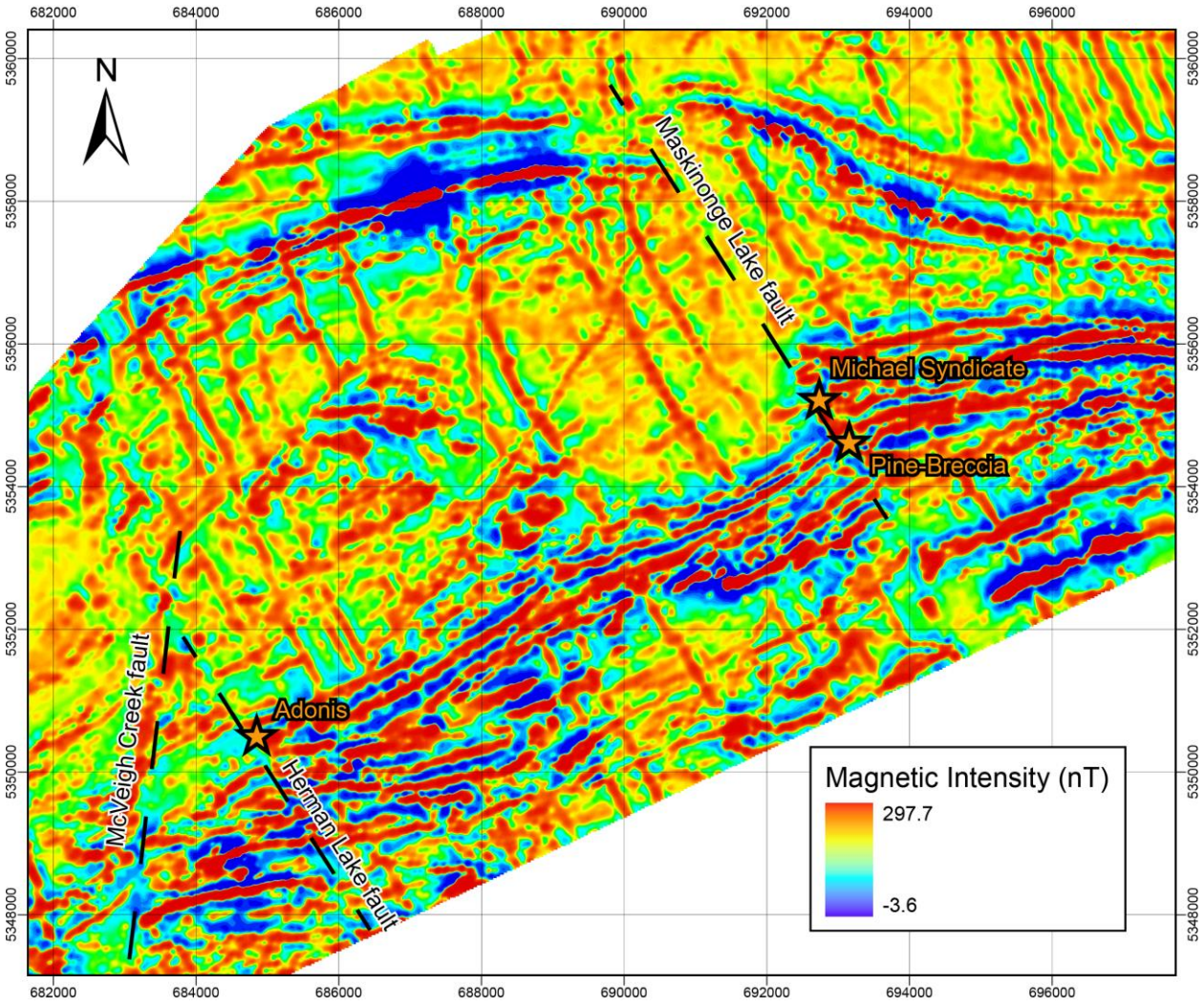


Fig. 6.6: Aerial magnetic survey of the Goudreau Lake Deformation Zone. Major transverse faults and the locations of associated gold occurrences are labelled according to Frey & Stewart (1992). Matachewan dykes are represented as strongly magnetic northwest-trending linear features. Note the absence of a magnetic anomaly along the Maskinonge Lake and Herman Lake faults.

The Maskinonge Lake fault and Pine-Breccia gold occurrence are excellent case studies for recognizing structural trends and potential pathfinders with gold mineralization and can be used to develop a set of criteria to provide potential exploration targets along late transverse faults around the Michipicoten greenstone belt. Favourable locations for gold mineralization can be identified by following one of more of these requirements: (1) Found along strike of high-angle faults to regional structural trends, especially with non-magnetic dykes (e.g., the Maskinonge Lake and Herman Lake faults) and (2) at the intersection of major east–west-striking shear zones that are (3) enhanced by felsic dykes. Fig. 6.7 proposes several favourable exploration sites along the Maskinonge Lake fault that are compliant with the targeting criteria, divided into high-potential and low-potential targets based on the number of criteria met. High-potential targets are located at the intersection of the fault with dyke-enhanced high-strain shear zones, whereas low-potential targets meet one of the two secondary requirements. The Clement occurrence and Michael Syndicate shaft were marked as sites for further investigation to understand the effect of the Maskinonge Lake fault on gold mineralization in these zones and to refine the exploration criteria along these structures.

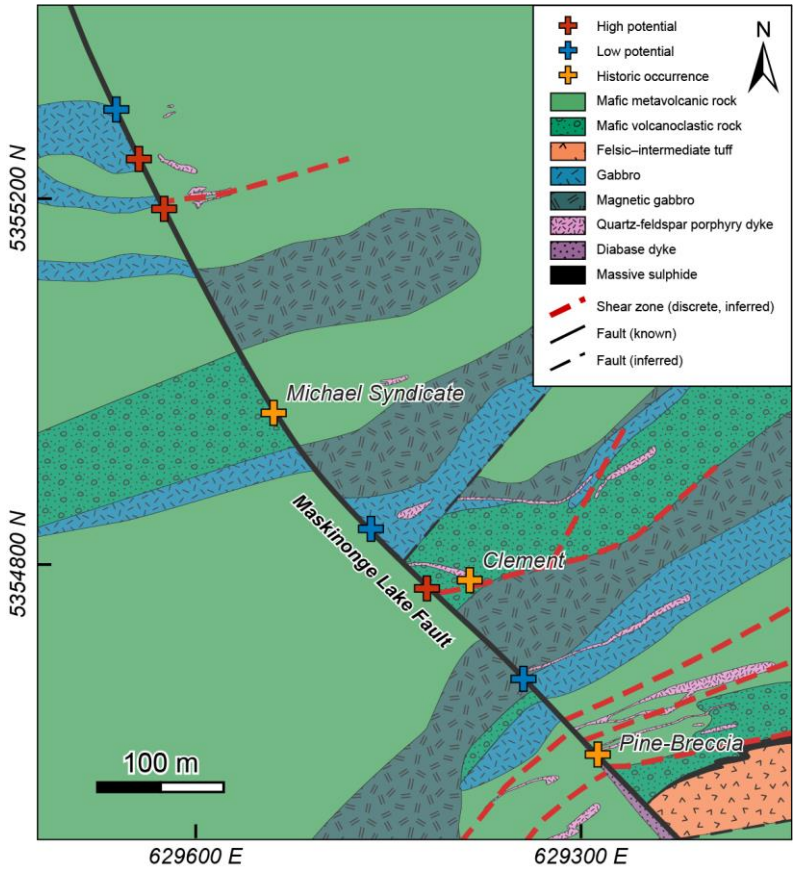


Fig. 6.7: Potential explorations targets based on criteria developed from the Pine-Breccia main vein and gold distribution (modified from Fig. 4.1). See text for discussion on the viability of targets. Historic occurrences (Michael Syndicate and Clement zones) are recommended to further explore the structural controls on gold distribution in the regional setting.

Chapter 7: Conclusions and directions for future work

The preponderance of evidence suggests that the Maskinonge Lake fault, although definitively later than the D_1–D_3 deformation sequence associated with the formation of the GLDZ (Jellicoe et al., 2022), is a multi-stage and long-lived subvertical structure that records the complete transition from ductile to brittle deformation through at least three stages of movement along the fault (D_4–D_6) with varying styles and kinematics. The fault initiated during D_4 dextral transverse shearing, and developed subvertical, northwest-striking foliation and subhorizontal stretching lineations. Sinistral reactivation occurred during D_5, where the emplacement of quartz veins suggested that deformation occurred in a transpressive environment with a shallowly northwest-plunging shear direction (12°→320°). D_6 deformation, occurring within the brittle regime, follows a similar sinistral strike-slip kinematic framework to D_5, and is believed to have caused the kilometre-scale stratigraphic offset across the Maskinonge Lake fault.

Gold mineralization is inferred to occur syn- or post-D_5 and is primarily controlled by the main vein that fills the Maskinonge Lake fault, potentially through multiple syn-deformation fluid infiltration events. Mineralization potential is enhanced at the intersection between the main fault and east-west shear zones, resulting in a predicted mineralization vector plunging steeply toward the northwest (73°→320°).

Favourable sites for mineralization are predicted to occur at the intersection of major northwest-striking faults and east–west shear zones that may be enhanced by parallel dykes to the shear zone boundaries. This thesis demonstrates that transverse faults occurring at a high angle to east–west shear zones may host late gold mineralization and are therefore viable targets for future exploration.

7.1 Future Work

Deformation timing was estimated as younger than 2672 Ma using field relationships between the Maskinonge Lake fault and older structural features (Jellicoe et al., 2022). However, without geological features that post-date the Maskinonge Lake fault, determining the younger age of the fault is not possible. If the hypothesis that the Maskinonge Lake fault developed after the emplacement of the inferred Matachewan dyke is correct, the age of mineralization can be constrained to younger than the age of crystallization of the dyke (~2450 Ma, Heaman, 1997). However, as discussed in Chapter 4.1.5.1, the correlation between the Matachewan dyke swarm and the Maskinonge Lake diabase dyke is tenuous and may be coincidental. A U-Pb geochronological study to determine the absolute age of the diabase dyke is recommended to fully understand its role in the development of the Maskinonge Lake fault and associated mineralization, as this would provide significant constraints on the timing and dominant tectonic environments for mineralization. Future work toward resolving the absolute age of fluid infiltration and gold mineralization would allow for more direct chronological comparisons with the Island Gold deposit and could support more research into post-Archean gold mineralization in the Superior Province.

Regional mapping and detailed study of the gold occurrences has demonstrated that the strike of the Maskinonge Lake fault rotates from 320° at the Pine-Breccia occurrence to 340° at the Michael Syndicate shaft and northward. If the fault undergoes a similar rotation to the south of the study area, the Pine-Breccia occurrence may coincide with a dilational zone, which commonly results in enhanced permeability of strike-slip faults and prospective sites for gold mineralization (Groves et al., 2000). Further mapping should focus on extending the known geometry of the Maskinonge Lake fault to investigate these potential structural controls.

Lastly, this thesis hypothesized that while both the V_2 quartz veins and the main vein occurred with D_5 deformation, they represent separate fluid generations or transport mechanisms due to their differing mineralogy and $\delta^{34}S$ composition. Furthermore, the enrichment of copper and lack of enrichment of sulphur in the main vein is inconsistent with many orogenic gold deposits and may reflect a different source or transport mechanism, potentially involving chloride complexing. A detailed fluid inclusion and isotope geochemistry study is recommended to quantify the generations of fluids, determine the transport mechanism, and resolve the relationship between gold, copper, and sulphur at the Pine-Breccia gold occurrence. Understanding the gold precipitation conditions and fluid chemistry might support the Pine-Breccia zone as a prospective gold deposit and provide further evidence for a separate mineralization event to the Island Gold deposit.

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Appendix A: Field stations

Location of field observation and sampling stations. UTM coordinates in NAD83, Zone 16N.

Station	Samples	Easting (m)	Northing (m)
22ZA001		693120	5354768
22ZA002		693158	5354706
22ZA003		693170	5354674
22ZA004		693228	5354616
22ZA005		693335	5354588
22ZA006		693377	5354616
22ZA007	1	693354	5354544
22ZA008		693199	5354521
22ZA009		693188	5354398
22ZA010		693164	5354621
22ZA011		693130	5354619
22ZA012		693138	5354642
22ZA013		693168	5354646
22ZA014		693116	5354634
22ZA015	1	693080	5354681
22ZA016		693064	5354632
22ZA017		693095	5354617
22ZA018	2	693072	5354738
22ZA019		693034	5354719
22ZA020	1	693018	5354707
22ZA021		692984	5354734
22ZA022		693114	5354582
22ZA023		693360	5354502
22ZA024		693418	5354502
22ZA025	1	693393	5354514
22ZA026	1	693477	5354499
22ZA027	2	693529	5354482
22ZA028		693514	5354450
22ZA029		693468	5354422
22ZA030		693324	5354537
22ZA031	1	693259	5354424
22ZA032	3	693283	5354406
22ZA033		693221	5354422
22ZA034	1	693225	5354411
22ZA035		693209	5354398
22ZA036	2	693223	5354373
22ZA037		693233	5354357
22ZA038		693246	5354354
22ZA039		693254	5354363
22ZA040	2	693287	5354353
22ZA041		693182	5354371
22ZA042		693163	5354344
22ZA043		693050	5354695
22ZA044	1	693215	5354690
22ZA045		693125	5354334

Station	Samples	Easting (m)	Northing (m)
22ZA046	3	693107	5354342
22ZA047		693032	5354368
22ZA048	1	693019	5354404
22ZA049		692983	5354374
22ZA050		693069	5354454
22ZA051		693123	5354467
22ZA052		693196	5354473
22ZA053		693239	5354486
22ZA054		693226	5354462
22ZA055		693215	5354444
22ZA056		693197	5354431
22ZA057		693169	5354426
22ZA058		693163	5354397
22ZA059		693138	5354384
22ZA060		693070	5354396
22ZA061	1	692289	5354456
22ZA062	1	692874	5354407
22ZA063		692864	5354420
22ZA064		692951	5354395
22ZA065		692966	5354383
22ZA066		692908	5354448
22ZA067		692854	5354474
22ZA068		692855	5354523
22ZA069		692909	5354585
22ZA070	1	692937	5354597
22ZA071		692937	5354645
22ZA072	1	692881	5354603
22ZA073		692858	5354562
22ZA074		692910	5354470
22ZA075		692915	5354502
22ZA076	1	692902	5354523
22ZA077	1	692877	5354544
22ZA078		692922	5354533
22ZA079		692956	5355425
22ZA080		692968	5354565
22ZA081		692989	5354572
22ZA082		693014	5354565
22ZA083		692993	5354441
22ZA084		692946	5354475
22ZA085		692948	5354479
22ZA086		692982	5354496
22ZA087		692835	5354859
22ZA088	2	692866	5354874
22ZA089		692891	5354917
22ZA090		692906	5354915
22ZA091		692903	5354882
22ZA092		692965	5354870
22ZA093		693042	5354895
22ZA094		693076	5354925

Station	Samples	Easting (m)	Northing (m)
22ZA095		692851	5354807
22ZA096	1	692899	5354789
22ZA097		692951	5354761
22ZA098	1	692985	5354796
22ZA099		693029	5354841
22ZA100	1	693078	5354837
22ZA101		692882	5354758
22ZA102		692965	5354919
22ZA103		693067	5354502
22ZA104		693031	5354536
22ZA105		693027	5354520
22ZA106		693004	5354532
22ZA107	1	692978	5354540
22ZA108	1	692962	5354601
22ZA109		692981	5354593
22ZA110		693028	5354559
22ZA111		692990	5354441
22ZA112		692998	5354455
22ZA113		693024	5354463
22ZA114		693064	5354451
22ZA115		693003	5354419
22ZA116		692991	5354407
22ZA117		692620	5355200
22ZA118	1	692548	5355181
22ZA119		692574	5355243
22ZA120		692585	5355301
22ZA121	1	692541	5355301
22ZA122	2	692511	5355290
22ZA123	1	692512	5355252
22ZA124		692624	5355323
22ZA125		692587	5355207
22ZA126		692784	5354989
22ZA127		692723	5355044
22ZA128		692669	5355087
22ZA129		692688	5355133
22ZA130		692699	5355170
22ZA131		692550	5355140
22ZA132	1	692584	5355129
22ZA133		692635	5355144
22ZA134		692675	5354920

Appendix B: Grab samples

Surface grab sample information with associated Island Gold (IGX) sample numbers and sample processing details. UTM coordinates in NAD83, Zone 16N.

Sample ID	Station	Lithology	IGX Tag Number	Easting (m)	Northing (m)	Thin Section	$\delta^{34}S$
22ZA001	18	Gabbro	IGX047937	693081	5354764		
22ZA002	18	Felsic–intermediate porphyry	IGX047938	693073	5354738		
22ZA003	20	Felsic–intermediate porphyry	IGX047939	693020	5354709		
22ZA004	7	Mafic volcanic rock	IGX047940	693354	5354544		
22ZA005	25	Magnetic gabbro	IGX047941	693393	5354514		
22ZA006	26	Magnetic gabbro	IGX047942	693491	5354487		
22ZA007	27	Gabbro	IGX047943	693546	5354474		
22ZA008	27	Magnetic gabbro	IGX047944	693548	5354474		
22ZA009	31	Magnetic gabbro	IGX047945	693257	5354425		
22ZA010	32	Felsic–intermediate porphyry	IGX047946	693287	5354404		
22ZA011	32	Magnetic gabbro	IGX047947	693287	5354404		
22ZA012	34	Gabbro	IGX047948	693205	5354411		
22ZA013	36	Gabbro	IGX047949	693223	5354380		
22ZA014	40	Magnetic gabbro	IGX047951	693288	5354344		
22ZA015	40	Felsic–intermediate porphyry	IGX047952	693290	5354345		
22ZA016	44	Mafic volcanic rock	IGX047953	693214	5354685		
22ZA017	46	Quartz vein	IGX047954	693107	5354327		
22ZA018	46	Mafic volcanic rock	IGX047955	693107	5354327		
22ZA019	46	Mafic volcanoclastic	IGX047956	693107	5354327		
22ZA020	48	Mafic volcanoclastic	IGX047957	692993	5354355		
22ZA021	61	Mafic volcanic rock	IGX047958	692890	5354450		
22ZA022	62	Quartz vein	IGX047959	692874	5354409		
22ZA023	70	Gabbro	IGX047960	692942	5354584		
22ZA024	72	Gabbro	IGX047961	692880	5354604		
22ZA025	76	Mafic volcanic rock	IGX047962	692901	5354522		
22ZA026	77	Felsic–intermediate porphyry	IGX047963	692943	5354532		
22ZA027	88	Mafic volcanic rock	IGX047964	692865	5354881		

Sample ID	Station	Lithology	IGX Tag Number	Easting (m)	Northing (m)	Thin Section	$\delta^{34}S$
22ZA028	88	Felsic–intermediate porphyry	IGX047965	692860	5354770		
22ZA029	96	Felsic–intermediate porphyry	IGX047966	692885	5354790		
22ZA030	98	Gabbro	IGX047967	693021	5354794		
22ZA031	100	Mafic volcanic rock	IGX047968	693060	5354832		
22ZA032	32	Magnetic gabbro	IGX047969	693287	5354404		
22ZA033	Pine-Breccia	Diabase dyke	IGX047970	693073	5354564		
22ZA034	Pine-Breccia	Diabase dyke	IGX047971	693095	5354536		
22ZA035	15	Quartz vein	IGX047972	693080	5354681		
22ZA036	Pine-Breccia	Mafic volcanic rock	IGX047973	693005	5354634		
22ZA037	Pine-Breccia	Quartz vein	IGX047974	693000	5354654	1	
22ZA038	Pine-Breccia	Diabase dyke	IGX047975	693095	5354532	1	
22ZA039	Pine-Breccia	Diabase dyke	IGX047976	693097	5354538	1	
22ZA040	Pine-Breccia	Mafic volcanic rock	IGX047977	693096	5354537		
22ZA041	Pine-Breccia	Mafic volcanic rock	IGX047978	693089	5354534	1	
22ZA042	Pine-Breccia	Diabase dyke	IGX047979	693080	5354558	1	
22ZA043	Pine-Breccia	Diabase dyke	IGX047980	693053	5354581	1	
22ZA044	Pine-Breccia	Mafic volcanic rock	IGX047981	693018	5354621	1	
22ZA045	Pine-Breccia	Mafic volcanic rock	IGX047982	693014	5354625	2	
22ZA046	Pine-Breccia	Interbedded iron formation	IGX047983	692981	5354657	1	
22ZA047	107	Magnetic gabbro	IGX047984	692965	5354601	1	
22ZA048	108	Gabbro	IGX047985	692981	5354587		
22ZA049	36	Diabase dyke	IGX047986	693225	5354587		
22ZA050	Pine-Breccia	V2 quartz vein	IGX047987	693022	5354623		X
22ZA051	Pine-Breccia	V2 quartz vein	IGX047988	693014	5354626		
22ZA052	Pine-Breccia	Main vein	IGX047989	693024	5354619	1	
22ZA053	Pine-Breccia	V2 quartz vein	IGX047990	693001	5354651	4	X
22ZA054	Pine-Breccia	Moderately silica–altered volcanic rock	IGX047991	693058	5354590	1	X
22ZA055	Pine-Breccia	Gabbro	IGX047992	692998	5354658	1	
22ZA056	Pine-Breccia	Gabbro	IGX047993	692993	5354658	1	
22ZA057	Pine-Breccia	Mafic volcanic rock	IGX047994	693008	5354649	1	
22ZA058	Pine-Breccia	V1 quartz vein	IGX047995	693009	5354648	1	
22ZA059	Pine-Breccia	Gabbro	IGX047996	693013	5354648		
22ZA060	Pine-Breccia	Felsic–intermediate porphyry	IGX047997	693015	5354627		
22ZA061	Pine-Breccia	V2 quartz vein	IGX047998	693004	5354648	2	X
22ZA062	Pine-Breccia	V2 quartz vein	IGX047999	693006	5354640	1	

Sample ID	Station	Lithology	IGX Tag Number	Easting (m)	Northing (m)	Thin Section	$\delta^{34}S$
22ZA063	Pine-Breccia	V2 quartz vein	IGX048000	693002	5354643	1	
22ZA064	Pine-Breccia	Mafic volcanic rock	IGX005158	692997	5354638	1	
22ZA065	Pine-Breccia	Mafic volcanic rock	IGX005159	692986	5354650	1	
22ZA066	Pine-Breccia	V2 quartz vein	IGX005160	692990	5354655		
22ZA067	Pine-Breccia	Felsic–intermediate porphyry	IGX005161	693035	5354634	1	
22ZA068	Pine-Breccia	V2 quartz vein	IGX005162	693025	5354644	2	
22ZA069	Pine-Breccia	Moderately silica–altered volcanic rock	IGX005163	693050	5354590		
22ZA070	Pine-Breccia	Diabase dyke	IGX005164	693075	5354559	1	
22ZA071	Pine-Breccia	Felsic–intermediate tuff	IGX005165	693109	5354560	1	
22ZA072	Pine-Breccia	Mafic volcanoclastic	IGX005166	693085	5354568	1	
22ZA073	Pine-Breccia	Felsic–intermediate tuff	IGX005167	693113	5354568	1	
22ZA074	Pine-Breccia	Mafic volcanic rock	IGX005168	693113	5354578	1	
22ZA075	Pine-Breccia	Mafic volcanoclastic	IGX005169	693074	5354586	1	
22ZA076	Pine-Breccia	Massive sulphide	IGX005170	693130	5354578	2	X
22ZA077	121	Quartz vein	IGX005171	692523	5355305		
22ZA078	122	Gabbro	IGX005172	692506	5355289	1	
22ZA079	123	Gabbro	IGX005173	692518	5355247	1	
		BLANK	IGX005174				
22ZA080	Pine-Breccia	Moderately silica–altered volcanic rock	IGX005175	693032	5354604	2	
22ZA081	Pine-Breccia	Moderately silica–altered volcanic rock	IGX005176	693033	5354605	2	
22ZA082	Pine-Breccia	Fault breccia	IGX005177	693037	5354602	2	
22ZA083	Pine-Breccia	Moderately silica–altered volcanic rock	IGX005178	693039	5354603	1	
22ZA084	Pine-Breccia	V2 quartz vein	IGX005179	693044	5354633	2	
22ZA085	Pine-Breccia	V2 quartz vein	IGX005180	693030	5354643	1	
22ZA086	Pine-Breccia	V2 quartz vein	IGX005181	693005	5354653	1	
22ZA087	Pine-Breccia	Moderately silica–altered volcanic rock	IGX005182	692997	5354643	2	
22ZA088	Pine-Breccia	Moderately silica–altered volcanic rock	IGX005183	692998	5354640		X
22ZA089	Pine-Breccia	Mafic volcanic rock	IGX005184	693029	5354618	1	
22ZA090	Pine-Breccia	Moderately silica–altered volcanic rock	IGX005185	693002	5354640		
22ZA091	Pine-Breccia	Quartz vein	IGX005186	693006	5354629	3	
22ZA092	Pine-Breccia	Fault breccia	IGX005187	693015	5354628		
22ZA093	Pine-Breccia	Gabbro	IGX005188	693016	5354626	1	
22ZA094	Pine-Breccia	V2 quartz vein	IGX005189	693068	5354605		
22ZA095-01	Pine-Breccia	Felsic–intermediate tuff	IGX005190	693096	5354545	2	
22ZA095-02	Pine-Breccia	Felsic–intermediate tuff	IGX005191	693095	5354543	4	

Sample ID	Station	Lithology	IGX Tag Number	Easting (m)	Northing (m)	Thin Section	$\delta^{34}S$
22ZA095-03	Pine-Breccia	Felsic–intermediate tuff	IGX005192	693094	5354541	2	
22ZA096	Pine-Breccia	Gabbro (silicified)	IGX005193	693001	5354640	2	X
22ZA097	Pine-Breccia	Mafic volcanic rock	IGX005194	693018	5354630	1	X
22ZA098	Pine-Breccia	Mafic volcanic rock	IGX005195	693033	5354625	1	
22ZA099	122	Gabbro (silicified)	IGX005196	692506	5355293	1	
22ZA100	118	Mafic volcanic rock	IGX005197	692555	5355175		
22ZA101	132	Mafic volcanic rock	IGX005198	692578	5355127	1	
22ZA102	Pine-Breccia	V2 quartz vein	IGX005199	692984	5354660	6	
22ZA103	Pine-Breccia	Diabase dyke	IGX005200	693019	5354621	1	
22ZA1013-01	Pine-Breccia	Main vein		692994	5354648	6	X
22ZA1013-02	Pine-Breccia	Main vein		692997	5354645.05	3	X
22ZA1013-03	Pine-Breccia	Fault breccia		693010	5354632	2	
22ZA1013-04	Pine-Breccia	Main vein		693020	5354625	2	X
22ZA1013-05	Pine-Breccia	Moderately silica–altered volcanic rock		693022	5354621	2	

Appendix C: Structural measurements

Foliation and lineation measurements made at field stations

Foliation				
Station	**Strike**	**Dip**	**Lithology**	**Notes**
1	240	85	Felsic–intermediate porphyry	Weak
2	250	77	Mafic volcanic rock	Weak to moderate
3	082	75	Felsic–intermediate porphyry	Moderate, becomes stronger towards contact
3	256	84	Mafic volcanic rock	Moderate to strong
4	265	67	Mafic volcanoclastic rock	Strong foliation
4	260	70	Mafic volcanoclastic rock	Discrete 30 cm wide shear zone
5	258	85	Felsic–intermediate tuff	Weak to moderate, becomes weaker moving north
6	261	76	Felsic–intermediate tuff	Weak
6	270	66	Massive sulphide	Weakly folded shear
7	248	75	Felsic–intermediate tuff	
7	231	71	Felsic–intermediate tuff	
7	073	75	Felsic–intermediate tuff	
7	081	82	Mafic volcanic rock	
8	075	85	Felsic–intermediate tuff	Weak
8	078	80	Mafic volcanic rock	Stronger in basalt
10	071	86	Mafic volcanoclastic rock	Strong
10	072	86	Mafic volcanoclastic rock	Strong
11	081	74	Felsic–intermediate porphyry	
11	074	82	Mafic volcanoclastic rock	
11	062	82	Mafic volcanoclastic rock	
12	249	83	Felsic–intermediate porphyry	Strong
12	250	81	Mafic volcanic rock	Strong
13	079	84	Mafic volcanoclastic rock	Strong
14	052	80	Mafic volcanic rock	Moderate
14	241	74	Felsic–intermediate porphyry	Strong
14	245	80	Mafic volcanic rock	Sheared near contact with dyke
15	242	80	Mafic volcanic rock	Strong
15	070	72	Mafic volcanic rock	North end of outcrop
15	230	73	Mafic volcanic rock	South end of outcrop
15	051	85	Mafic volcanic rock	2-3 m wide gradational shear zone
16	236	78	Mafic volcanic rock	Strong
17	052	80	Mafic volcanic rock	Strong
18	046	83	Gabbro	Very weak
19	245	81	Gabbro	Strong, slightly wavy

Foliation

Station	Strike	Dip	Lithology	Notes
20	075	70	Felsic–intermediate porphyry	Weak
21	255	86	Gabbro	Weak
22	248	65	Mafic volcanic rock	Weak to moderate
24	245	86	Magnetic gabbro	Weak
27	250	86	Magnetic gabbro	Weak
28	072	76	Magnetic gabbro	Weak
30	255	84	Mafic volcanic rock	South end of outcrop, strong
30	075	83	Mafic volcanic rock	Middle of outcrop, strong
30	260	89	Mafic volcanic rock	North end of outcrop, strong
31	231	82	Magnetic gabbro	Cryptic
32	064	86	Felsic–intermediate porphyry	Weak
33	073	86	Magnetic gabbro	Weak
35	243	71	Mafic volcanoclastic rock	Strong
36	262	70	Mafic volcanic rock	
36	230	75	Mafic volcanoclastic rock	
37	275	72	Mafic volcanoclastic rock	Wavy
38	206	82	Mafic volcanoclastic rock	Strong
39	235	77	Mafic volcanoclastic rock	Strong
40	082	80	Gabbro	Moderate
40	248	77	Felsic–intermediate porphyry	
41	246	74	Mafic volcanoclastic rock	
42	250	78	Mafic volcanoclastic rock	Strong
44	073	82	Felsic–intermediate porphyry	
45	066	82	Mafic volcanoclastic rock	Weak
46	230	84	Mafic volcanoclastic rock	North point
46	236	61	Mafic volcanoclastic rock	Moderate, becomes weaker to north
47	220	83	Mafic volcanoclastic rock	Weak
47	258	77	Mafic volcanoclastic rock	Weak
47	070	78	Mafic volcanoclastic rock	Moderate
49	179	79	Felsic–intermediate porphyry	
49	166	73	Felsic–intermediate porphyry	
49	215	65	Felsic–intermediate porphyry	
49	230	73	Felsic–intermediate porphyry	
49	246	64	Felsic–intermediate porphyry	
50	238	83	Mafic volcanoclastic rock	Strong, dextral motion
51	244	79	Mafic volcanic rock	Moderate
52	066	82	Mafic volcanoclastic rock	Moderate
53	230	80	Mafic volcanoclastic rock	Moderate
53	066	84	Mafic volcanoclastic rock	Moderate

Foliation

Station	Strike	Dip	Lithology	Notes
54	070	76	Mafic volcanoclastic rock	Moderate
58	240	60	Mafic volcanoclastic rock	
59	245	74	Mafic volcanoclastic rock	Moderate
61	206	76	Mafic volcanic rock	Strong
62	210	61	Felsic–intermediate porphyry	
63	054	79	Mafic volcanic rock	Weak
64	226	70	Mafic volcanic rock	
64	220	72	Mafic volcanic rock	
64	230	54	Mafic volcanic rock	
64	212	70	Mafic volcanic rock	
65	246	51	Mafic volcanic rock	South end of outcrop
65	258	66	Mafic volcanic rock	North end of outcrop
66	194	85	Felsic–intermediate porphyry	
66	211	77	Mafic volcanic rock	Strong
67	201	54	Magnetic gabbro	Weak
69	006	74	Mafic volcanoclastic rock	Overprints foliation. Dextral shear
70	005	78	Mafic volcanic rock	Strong, averaged
70	049	75	Gabbro	Weak
74	225	64	Mafic volcanic rock	Moderate
75	222	70	Mafic volcanic rock	Strong
76	200	74	Mafic volcanic rock	
78	215	75	Felsic–intermediate porphyry	Moderate
78	225	73	Mafic volcanic rock	South end of outcrop
78	210	78	Mafic volcanic rock	North end of outcrop
79	212	60	Mafic volcanic rock	Dextral shear, continuous across contact with porphyry
80	219	84	Mafic volcanic rock	Strong, platy
81	231	73	Felsic–intermediate porphyry	
81	236	78	Mafic volcanic rock	Strong
82	235	75	Mafic volcanic rock	Southeast end of outcrop, weak
82	245	66	Mafic volcanic rock	Northeast side of outcrop
82	246	74	Mafic volcanic rock	West side of outcrop
83	026	67	Felsic–intermediate porphyry	Weak
83	204	74	Mafic volcanic rock	
83	018	82	Felsic–intermediate porphyry	
83	230	54	Felsic–intermediate porphyry	
83	224	60	Mafic volcanic rock	Oxidation on shear planes
83	205	65	Felsic–intermediate porphyry	South end of outcrop
83	195	70	Felsic–intermediate porphyry	North end of outcrop
84	226	56	Mafic volcanic rock	Strong, becoming weaker to south

Foliation

Station	Strike	Dip	Lithology	Notes
84	203	70	Mafic volcanic rock	Moderate
84	226	56	Felsic–intermediate porphyry	Strong, south of contact
85	250	73	Mafic volcanic rock	Strong, discrete 50 cm shear zones
86	216	64	Mafic volcanic rock	South end of outcrop, weak
86	201	72	Mafic volcanic rock	3 m wide, strong shear near contact
87	238	62	Gabbro	Weak
87	239	87	Felsic–intermediate porphyry	Weak
88	065	71	Felsic–intermediate porphyry	Moderate
90	233	73	Gabbro	Strong
91	091	75	Gabbro	Weak
91	095	75	Felsic–intermediate porphyry	Moderate
91	256	72	Mafic volcanoclastic rock	Moderate, south end of outcrop
91	270	83	Mafic volcanoclastic rock	Moderate
92	272	81	Felsic–intermediate porphyry	Weak
92	251	76	Felsic–intermediate porphyry	Weak
92	219	74	Felsic–intermediate porphyry	Weak
92	181	66	Felsic–intermediate porphyry	Moderate
92	053	80	Gabbro	Strong
92	249	80	Felsic–intermediate porphyry	
92	276	80	Mafic volcanoclastic rock	Moderate
92	230	75	Gabbro	Moderate
92	230	83	Mafic volcanic rock	Strong
92	190	66	Gabbro	Moderate
92	178	66	Gabbro	Moderate
92	216	67	Gabbro	Moderate
92	246	72	Mafic volcanoclastic rock	Strong
93	195	71	Felsic–intermediate porphyry	Moderate
93	216	83	Felsic–intermediate porphyry	Dextral S-C fabric
93	197	74	Mafic volcanoclastic rock	Strong
94	241	70	Mafic volcanoclastic rock	Moderate
96	252	73	Mafic volcanic rock	Moderate
96	248	74	Mafic volcanic rock	Strong
96	252	66	Mafic volcanic rock	Moderate
97	255	81	Gabbro	Weak
98	208	81	Gabbro	
98	217	82	Gabbro	Moderate
99	211	79	Mafic volcanoclastic rock	
99	226	78	Mafic volcanoclastic rock	Moderate
100	056	63	Gabbro	Moderate

Foliation

Station	Strike	Dip	Lithology	Notes
101	210	66	Mafic volcanic rock	Strong, very platy
102	152	85	Mafic volcanoclastic rock	
102	326	21	Mafic volcanoclastic rock	Overprinted by shearing, very cryptic
102	122	79	Mafic volcanoclastic rock	Weak
103	232	76	Mafic volcanic rock	Slightly wavy
103	241	80	Mafic volcanic rock	Moderate
104	221	78	Mafic volcanic rock	Moderate with possible dextral shear sense
105	237	79	Felsic–intermediate porphyry	Moderate, dextral S-C fabric
106	233	75	Mafic volcanic rock	Strong, slightly wavy
107	219	85	Mafic volcanic rock	Moderate to strong
108	224	70	Gabbro	Weak
109	220	81	Mafic volcanic rock	Strong and wavy, possible sinistral S-C fabric
109	209	75	Gabbro	Weak
110	245	77	Mafic volcanic rock	

Lineation

Station	Trend	Plunge	Lithology	Notes
16	059	36	Mafic volcanic rock	Elongated vesicles
17	052	36	Mafic volcanic rock	Weak, elongated vesicles
30	082	30	Mafic volcanic rock	Stretching, elongated vesicles
35	040	36	Mafic volcanoclastic rock	Stretching, elongated vesicles
36	007	42	Mafic volcanoclastic rock	Stretching, elongated vesicles
38	010	30	Mafic volcanoclastic rock	Stretching, elongated vesicles
41	022	36	Mafic volcanoclastic rock	Stretching, elongated vesicles
46	330	46	Mafic volcanoclastic rock	Well developed stretching lineation
49	315	68	Felsic–intermediate porphyry	
49	333	65	Felsic–intermediate porphyry	
51	068	41	Mafic volcanic rock	Stretching, elongated vesicles
61	345	67	Mafic volcanic rock	Stretching, on foliation surface
62	354	55	Felsic–intermediate porphyry	Stretching
64	356	57	Mafic volcanic rock	Stretching on foliation surface
66	071	14	Felsic–intermediate porphyry	Stretching
74	036	19	Mafic volcanic rock	Weak, stretching
75	010	50	Mafic volcanic rock	Moderate, stretching
76	348	56	Mafic volcanic rock	Stretching
78	023	33	Mafic volcanic rock	Stretching
78	347	50	Mafic volcanic rock	Fold axis

Lineation

Station	Trend	Plunge	Lithology	Notes
78	023	33	Mafic volcanic rock	Elongated vesicles
79	012	51	Mafic volcanic rock	Stretching, on shear plane
80	357	65	Mafic volcanic rock	Low confidence
81	051	09	Mafic volcanic rock	Well developed stretching lineation on shear plane
82	060	13	Mafic volcanic rock	Hinge line of small scale folds
83	066	54	Mafic volcanic rock	Slicken on 204/74 plane
86	038	05	Felsic–intermediate porphyry	Intersection lineation, well developed
90	244	65	Gabbro	Slicken on shear plane
91	057	33	Mafic volcanoclastic rock	Stretching, elongated vesicles
92	085	40	Mafic volcanoclastic rock	Strong
92	075	20	Felsic–intermediate porphyry	Intersection Lineation
100	117	64	Mafic volcanoclastic rock	Well developed stretching
101	212	10	Mafic volcanic rock	Intersection lineation
105	351	64	Felsic–intermediate porphyry	Weak stretching lineation on shear plane, elongated qtz
106	065	10	Mafic volcanic rock	Intersection lineation, with bedding
106	085	55	Mafic volcanic rock	Stretching lineation

Appendix D: Channel sample assay data

Assay results from channel samples collected at the Pine-Breccia occurrence. Samples were analyzed at ALS Global in Thunder Bay, Ontario, via the methods outlined in Chapter 3.2.

Sample ID	Easting (m)	Northing (m)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
IGX043101	693113	5354526	0.02	0.04	3.08	3.1	120	0.23	0.5	0.29	0.01	4.33	18.7
IGX043102	693113	5354526	0.05	0.06	1.75	3.5	100	0.11	0.45	0.49	0.01	2.88	18.6
IGX043103	693113	5354525	0.06	0.04	1.39	3.7	70	0.13	0.36	0.11	0.02	4.05	15.7
IGX043104	693112	5354527	0.05	0.07	2.15	7.3	100	0.17	0.7	0.2	0.01	4.89	26.5
IGX043105	693111	5354526	0.11	0.08	4.72	5.1	280	0.48	0.71	0.35	0.01	10.85	37.6
IGX043106	693111	5354526	0.05	0.05	7.61	2.8	690	0.8	0.39	0.79	0.01	24	41.7
IGX043107	693112	5354526	1.6	0.35	3.09	12.4	170	0.19	2.19	0.86	0.03	3.92	33.5
IGX043108	693115	5354530	0.35	0.06	5.63	22.3	280	0.6	1.57	1.38	0.03	11.7	35.7
IGX043109	693114	5354530	0.36	0.07	5.02	26.3	240	0.52	1.62	1.48	0.04	12	38.7
IGX043111	693113	5354529	0.01	0.005	6	4	220	0.47	0.15	1.54	0.03	19.4	14.5
IGX043112	693112	5354528	0.03	0.08	4.31	14.2	190	0.31	1.47	0.92	0.02	6.79	39.7
IGX043113	693112	5354528	0.04	0.08	2.98	9.1	120	0.2	1.1	0.99	0.02	4.1	34.8
IGX043114	693111	5354527	0.04	0.1	2.18	11.3	180	0.16	1.24	3.08	0.01	4.41	44.3
IGX043115	693111	5354527	0.09	0.1	2.73	9.1	240	0.25	1.29	0.49	0.02	4.66	39.1
IGX043116	693111	5354527	0.04	0.05	6.81	4.8	720	0.74	0.48	1.99	0.02	21.9	45.3
IGX043117	693110	5354526	0.01	0.01	7.23	1.7	680	0.63	0.44	5.36	0.04	23	39.6
IGX043118	693110	5354526	0.01	0.04	7.32	1.5	630	0.73	0.32	5.91	0.03	26.7	38.8
IGX043119	693109	5354525	0.01	0.02	7.8	1.7	550	0.73	0.23	4.96	0.05	24.6	43.5
IGX043121	693109	5354530	0.07	0.08	3.71	5.3	260	0.37	0.61	0.98	0.01	9.61	31.5
IGX043122	693109	5354529	0.27	0.18	6.19	7.9	510	0.54	0.9	0.62	0.02	17.95	44.1
IGX043123	693108	5354529	0.02	0.03	8.43	4.6	890	0.99	0.44	0.36	0.02	24.9	63.6
IGX043124	693108	5354529	0.01	0.03	7.9	3.5	780	0.79	0.43	1.93	0.03	29.3	54
IGX043125	693112	5354554	0.07	0.06	6.65	20.6	200	0.61	2	0.63	0.01	15.7	8.9
IGX043126	693112	5354553	0.42	0.22	5.23	37.7	30	0.22	2.14	1.11	0.01	15.25	21.6
IGX043127	693119	5354549	0.01	0.04	7.61	8.9	260	0.86	0.73	3.26	0.02	33.9	20.4
IGX043128	693119	5354549	0.01	0.04	7.55	9.2	210	0.78	0.66	3.15	0.02	36.3	23.9
IGX043129	693118	5354550	0.01	0.03	8.1	5.9	370	1.04	0.52	1.68	0.02	32.6	12.6
IGX043131	693118	5354550	0.08	0.02	8.34	6.4	430	1.17	0.37	1.58	0.02	36.5	14.2
IGX043132	693118	5354551	0.005	0.005	7.91	0.9	440	1.06	0.02	2.98	0.03	39.9	4.1

Sample ID	Easting (m)	Northing (m)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
IGX043133	693117	5354551	0.23	0.13	6.31	11.8	180	0.45	0.68	2.16	0.02	25.5	16.4
IGX043134	693117	5354552	0.02	0.03	6.51	5.7	130	0.38	0.39	2.51	0.02	26.7	15.2
IGX043135	693116	5354553	0.01	0.01	7.65	0.8	290	0.73	0.03	1.41	0.01	24.6	5.7
IGX043136	693116	5354553	0.64	0.18	4.85	40.7	110	0.34	1.98	0.7	0.02	11.75	18
IGX043137	693116	5354554	0.11	0.02	8.02	3.3	440	1.14	0.26	1.88	0.01	33	5.2
IGX043138	693115	5354554	0.09	0.06	5.85	16.2	70	0.28	0.97	4.2	0.03	23.3	29.1
IGX043139	693115	5354555	0.15	0.07	6.44	18.4	150	0.48	0.62	2.54	0.03	24.9	15.6
IGX043141	693115	5354555	0.3	0.23	4.94	55.2	120	0.33	3.49	0.1	0.02	8.79	17.4
IGX043142	693114	5354556	0.04	0.04	7.12	14.6	350	0.86	0.57	0.34	0.01	14.95	8.9
IGX043143	693114	5354556	0.15	0.16	6.1	31.7	130	0.35	1.81	1.21	0.02	20.1	28
IGX043144	693114	5354557	0.02	0.05	6.78	11.6	190	0.47	0.46	3.06	0.02	30	20.8
IGX043145	693113	5354557	0.02	0.02	6.93	1.8	200	0.62	0.06	3.52	0.02	35.2	7.6
IGX043146	693113	5354558	0.68	0.58	6.03	13.6	20	0.2	0.17	3.46	0.03	28.2	18.4
IGX043147	693113	5354558	0.03	0.04	7.04	5.9	250	0.59	0.44	2.58	0.02	30.8	8.8
IGX043148	693112	5354559	0.19	0.18	6.85	20.4	310	0.6	1.32	2.52	0.03	27.3	32.7
IGX043149	693112	5354559	0.52	0.24	6.73	22.1	270	0.59	1.09	2.36	0.03	23	35.4
IGX043151	693112	5354560	0.15	0.34	4.54	46	150	0.31	2.11	3.62	0.04	18.85	47.3
IGX043152	693111	5354561	0.12	0.03	6.64	6.2	220	0.38	0.03	2.75	0.03	30.2	20.5
IGX043153	693111	5354562	0.09	0.02	6.48	5.7	150	0.29	0.03	2.2	0.02	29.4	18.9
IGX043154	693111	5354562	0.01	0.03	6.78	10.6	220	0.46	0.4	0.77	0.01	23	27
IGX043155	693110	5354562	0.02	0.01	7.84	4	670	1.22	0.07	0.12	0.01	12.35	13
IGX043156	693110	5354563	0.53	0.01	5.32	1.2	70	0.33	0.02	5.04	0.04	58.8	26.1
IGX043157	693110	5354563	0.18	0.03	5.14	4.3	10	0.29	0.02	6.25	0.05	82.1	33.6
IGX043158	693109	5354564	1.39	0.31	5.98	18	30	0.29	0.05	0.5	0.01	25.4	22.5
IGX043159	693109	5354564	30	2.43	2.73	248	10	0.14	0.63	0.08	0.01	12	3.5
IGX043161	693109	5354565	6.99	0.82	0.18	314	10	0.025	1.82	0.03	0.01	2.04	1.2
IGX043162	693108	5354565	8.91	1.15	0.15	370	10	0.025	1.23	0.05	0.01	2.21	0.6
IGX043163	693108	5354565	7.99	1.09	0.23	443	10	0.08	0.65	0.06	0.01	2.33	1
IGX043164	693108	5354566	7.31	1.3	0.51	425	10	0.14	0.53	0.07	0.02	3.97	3.1
IGX043165	693107	5354566	2.19	0.22	6.4	38.2	10	0.26	0.06	1.59	0.02	10.5	30.7
IGX043166	693107	5354567	1.03	0.08	5.91	5.3	40	0.22	0.01	0.87	0.01	12.4	35.6
IGX043167	693107	5354567	0.24	0.03	6.94	6.3	410	0.59	0.01	0.44	0.01	23.9	16.3
IGX043168	693106	5354568	0.6	0.01	6.74	1.6	200	0.36	0.01	3.24	0.03	16.6	39.1
IGX043169	693106	5354568	0.17	0.05	7.23	3.4	640	0.68	0.01	4.79	0.05	14.5	35.4
IGX043171	693106	5354569	0.73	0.12	6.9	5.8	900	0.75	0.03	4.65	0.06	13.85	47.9
IGX043172	693122	5354555	0.18	0.17	4.03	45.3	60	0.22	0.9	1.52	0.03	17.2	19.1
IGX043173	693121	5354555	0.15	0.18	5.7	34.5	130	0.42	0.83	0.49	0.04	21.7	25.9

Sample ID	Easting (m)	Northing (m)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
IGX043174	693122	5354563	0.2	0.04	6.5	13.4	70	0.32	0.38	2.37	0.03	28.9	30.3
IGX043175	693122	5354563	0.01	0.02	6.17	6	60	0.29	0.12	2.46	0.02	29.6	18.9
IGX043176	693123	5354564	0.04	0.01	6.74	3.4	430	0.91	0.09	2	0.02	35.9	13.7
IGX043177	693118	5354568	0.02	0.005	5.18	1.2	10	0.73	0.01	6.25	0.06	84.4	27.9
IGX043178	693118	5354569	6.74	0.81	0.36	87	10	0.11	0.77	0.07	0.01	11.3	2.3
IGX043179	693118	5354569	1.64	0.14	0.36	48.3	10	0.1	0.34	0.08	0.01	8.39	2.3
IGX043181	693117	5354569	1.36	0.13	0.2	60.1	10	0.06	0.19	0.02	0.01	4.08	1.2
IGX043182	693117	5354570	0.87	0.29	0.19	46.3	30	0.025	0.15	0.01	0.01	3.63	0.6
IGX043183	693117	5354570	2.42	0.26	0.4	52.3	40	0.06	0.14	0.03	0.01	6.09	1.7
IGX043184	693116	5354571	0.81	0.1	0.82	42.6	70	0.1	0.09	0.11	0.01	5.2	3.7
IGX043185	693115	5354572	0.01	0.01	7.34	1	620	0.86	0.005	2.36	0.02	22.9	11.3
IGX043186	693115	5354572	0.005	0.06	7.37	3.4	300	0.48	0.01	4.74	0.06	15.1	49.8
IGX043187	693089	5354533	0.34	0.05	9.65	4.7	410	1.94	0.2	1.47	0.03	78.6	12
IGX043188	693089	5354533	0.46	0.03	10.1	7.5	380	2.19	0.35	0.34	0.02	83.6	9.5
IGX043189	693088	5354534	0.37	0.01	9.27	5	280	1.55	0.16	2.86	0.03	56.8	20.1
IGX043191	693098	5354547	0.06	0.04	5.9	14	380	0.53	0.65	1.74	0.09	29	22.7
IGX043192	693098	5354547	0.23	0.11	3.95	24.2	190	0.16	1.69	1.34	0.35	18.6	33.2
IGX043193	693097	5354546	0.03	0.02	6.81	7.5	310	0.52	0.05	1.92	0.02	34.4	19.8
IGX043194	693097	5354546	0.03	0.02	4.42	5.3	290	0.42	0.11	1.04	0.03	23.9	13
IGX043195	693096	5354546	0.22	0.03	4.77	12.1	240	0.37	0.39	1.84	0.07	23.4	22
IGX043196	693096	5354545	0.12	0.06	2.96	9.2	180	0.31	0.7	0.91	0.04	13.65	11.1
IGX043197	693096	5354545	1.53	0.14	3.04	12.7	240	0.34	1.25	0.36	0.04	12.25	10.6
IGX043198	693095	5354545	0.17	0.07	1.73	4.5	330	0.13	0.32	0.96	0.04	3.82	8.1
IGX043199	693094	5354544	0.21	0.18	4.25	6.8	590	0.44	1.02	2.19	0.05	8.47	40.6
IGX043201	693094	5354544	0.1	0.06	4.78	7.2	410	0.5	1.02	4.53	0.01	7.58	52.3
IGX043202	693094	5354544	0.01	0.01	2.56	1.5	120	0.25	0.15	5.89	0.02	4.27	13.5
IGX043203	693093	5354543	0.05	0.03	6.37	6.3	250	0.52	0.76	3.41	0.02	12.95	50.4
IGX043204	693093	5354543	0.09	0.04	6.34	7.5	220	0.56	1.52	2.71	0.02	13.7	53.1
IGX043205	693092	5354543	0.11	0.04	8.67	3.9	200	1.1	0.79	1.77	0.01	36.9	28.4
IGX043206	693091	5354542	0.05	0.02	7.17	3.9	120	0.6	0.37	3.41	0.02	12.65	39.9
IGX043207	693090	5354541	0.03	0.01	7.16	1.6	150	0.6	0.3	4	0.02	23.3	47.7
IGX043208	693094	5354556	11	1.29	0.72	125.5	20	0.025	1.46	0.26	0.02	1.05	4.2
IGX043209	693093	5354556	73.3	4.47	3.44	3.4	110	0.22	0.04	1.27	0.01	4.02	19.7
IGX043211	693093	5354556	1.94	0.02	6.07	1.1	260	0.44	0.01	3.14	0.02	9.21	32.5
IGX043212	693092	5354557	0.15	0.01	3.57	0.3	130	0.2	0.01	1.63	0.02	5.55	20.6
IGX043213	693092	5354557	0.02	0.02	5.03	3.3	260	0.36	0.04	2.4	0.05	11.1	26.8
IGX043214	693092	5354558	0.005	0.01	5.47	1.1	250	0.38	0.01	0.66	0.01	18.55	7.7

Sample ID	Easting (m)	Northing (m)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
IGX043215	693095	5354562	0.39	0.03	6.51	1.1	760	0.64	0.03	3.68	0.04	11.55	35.6
IGX043216	693094	5354562	0.16	0.03	6.7	2	1250	0.82	0.03	4.4	0.04	11.25	34.8
IGX043217	693094	5354562	0.06	0.03	4.56	2.3	270	0.33	0.03	4.07	0.04	9.69	32.4
IGX043218	693093	5354563	0.02	0.02	6.69	2.6	30	0.41	0.03	3.78	0.03	11.1	36.8
IGX043219	693093	5354564	0.02	0.03	5.92	5	140	0.58	0.04	3.97	0.05	11.35	32.3
IGX043221	693093	5354564	0.02	0.05	5.98	5.5	50	0.4	0.06	3.19	0.03	13.55	36.4
IGX043222	693087	5354563	0.01	0.04	7.35	3.3	20	0.48	0.03	3.25	0.03	14.5	43
IGX043223	693087	5354564	0.01	0.03	6.14	4	30	0.38	0.04	4.25	0.06	11.55	39.1
IGX043224	693086	5354564	0.01	0.02	7.3	4.3	100	0.53	0.03	4.49	0.05	13.65	45.1
IGX043225	693088	5354565	0.005	0.03	7.4	3.9	110	0.56	0.03	4.88	0.06	13.75	41.6
IGX043226	693087	5354566	0.01	0.04	7.12	5	30	0.49	0.04	4.43	0.06	16.6	42.5
IGX043227	693087	5354567	0.03	0.02	7.21	5.3	70	0.49	0.03	5.08	0.06	14.65	42.5
IGX043228	693086	5354567	0.01	0.02	7.35	4.1	10	0.4	0.02	3.41	0.04	14.15	41
IGX043229	693086	5354568	0.02	0.01	7.15	2.6	30	0.44	0.02	5.06	0.06	13.75	37.9
IGX043231	693085	5354568	0.01	0.03	7.27	4.9	30	0.46	0.02	4.69	0.06	13.75	46
IGX043232	693084	5354569	0.01	0.03	7.03	5	80	0.48	0.03	5.38	0.08	14.85	43.5
IGX043233	693084	5354570	0.01	0.05	6.02	3.7	150	0.48	0.04	3.59	0.05	11.85	38.5
IGX043234	693083	5354570	0.01	0.05	6.35	2.7	30	0.35	0.02	3.87	0.06	13.05	39.5
IGX043235	693083	5354571	0.01	0.04	6.9	1.9	50	0.39	0.01	4.77	0.08	13.05	43.1
IGX043236	693082	5354572	0.01	0.03	6.37	1.7	60	0.31	0.01	4.05	0.07	13.6	39.1
IGX043237	693081	5354572	0.02	0.04	6.7	3	530	0.61	0.01	3.47	0.08	13.2	42.8
IGX043238	693081	5354573	0.03	0.05	7.25	3.5	790	0.79	0.02	1.47	0.09	16.65	43.8
IGX043239	693081	5354573	0.08	0.4	4.76	18.5	380	0.5	0.46	2.1	0.75	15.2	58.1
IGX043241	693080	5354574	0.005	0.005	6.45	0.6	1010	0.95	0.005	0.67	0.01	51.9	1.7
IGX043242	693089	5354566	0.03	0.04	6.66	4.6	100	0.51	0.05	4.2	0.05	11.3	39.5
IGX043243	693088	5354566	0.06	0.17	5.25	10.9	60	0.36	0.25	2.74	0.04	10.15	44.3
IGX043244	693083	5354569	0.21	0.12	5.28	5.2	40	0.33	0.07	2.89	0.05	10.1	33.1
IGX043245	693086	5354571	0.07	0.04	4.44	2.2	40	0.28	0.02	2.06	0.03	8.7	26.3
IGX043246	693085	5354575	0.05	0.03	6.54	1.9	840	0.88	0.04	0.66	0.01	45	2.9
IGX043247	693085	5354575	0.01	0.005	7.35	0.4	930	1.12	0.01	3.43	0.04	53.8	22.9
IGX043248	693085	5354576	0.01	0.01	7.08	1.1	690	0.94	0.02	1.2	0.02	47.8	13.4
IGX043249	693084	5354576	0.02	0.02	6.7	1.7	1000	1.54	0.03	4.16	0.07	46	30.1
IGX043251	693087	5354559	0.05	0.02	6.29	1.9	180	0.46	0.07	2.13	0.01	14	31.4
IGX043252	693086	5354558	2.8	0.32	1.62	2.1	180	0.12	0.23	0.81	0.03	2.69	8.3
IGX043253	693086	5354558	0.34	0.05	2.67	3.9	400	0.21	0.22	0.89	0.04	9.89	17.7
IGX043254	693085	5354557	0.03	0.02	4.25	2.2	790	0.23	0.15	1.25	0.06	16.15	21
IGX043255	693085	5354557	0.22	0.05	2.46	2.8	500	0.1	0.18	0.99	0.02	6.37	14

Sample ID	Easting (m)	Northing (m)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
IGX043256	693084	5354556	0.03	0.01	0.88	0.3	80	0.06	0.02	3.47	0.01	1.56	3.9
IGX043257	693084	5354556	0.11	0.01	0.59	0.3	90	0.05	0.01	1.36	0.01	0.94	1.7
IGX043258	693083	5354555	0.89	0.13	6.18	5.5	120	0.42	0.51	2.91	0.01	6.85	72
IGX043259	693083	5354554	0.21	0.03	5.78	5.2	160	0.45	0.57	4.04	0.01	8.02	63.9
IGX043261	693082	5354554	0.31	0.08	6.67	10.4	110	0.5	3.28	3.4	0.02	15.75	101.5
IGX043262	693083	5354561	1.07	0.18	3.55	2.3	130	0.21	0.09	1.19	0.06	6.93	18.1
IGX043263	693082	5354560	3.94	1.32	2.23	6.4	500	0.1	0.24	1.22	0.07	4.71	20
IGX043264	693082	5354559	1	0.41	1.43	1.6	250	0.05	0.06	0.8	0.03	2.72	8.8
IGX043265	693081	5354558	0.01	0.01	0.84	1.1	130	0.07	0.05	8.14	0.01	2.04	4.5
IGX043266	693080	5354563	2.64	1.38	3.12	5.2	200	0.19	1.11	0.8	3.88	5.68	33.3
IGX043267	693079	5354563	3.73	1.07	2.01	1.3	270	0.11	0.24	0.76	0.08	4.58	16
IGX043268	693079	5354563	4.2	0.87	2.02	2.1	350	0.11	0.11	1.07	0.05	6.04	12.5
IGX043269	693078	5354562	0.51	0.08	0.93	0.8	140	0.025	0.06	0.63	0.02	1.98	3.3
IGX043271	693078	5354562	0.02	0.02	0.67	1	100	0.025	0.03	2.72	0.01	1.06	3.1
IGX043272	693081	5354568	0.06	0.03	6.13	3.7	40	0.35	0.04	4.14	0.06	10.65	37.2
IGX043273	693080	5354568	0.01	0.03	6.94	3.5	30	0.39	0.05	4.8	0.06	13.9	42.3
IGX043274	693080	5354568	0.02	0.04	6.77	3.9	50	0.41	0.08	3.51	0.05	11.2	41.4
IGX043275	693080	5354567	0.01	0.04	7.14	4.3	60	0.45	0.1	3.93	0.05	10.95	44.9
IGX043276	693079	5354567	0.01	0.04	6.97	3.4	200	0.59	0.09	3.11	0.05	15.55	48.4
IGX043277	693079	5354567	0.03	0.03	6.52	2.7	220	0.53	0.07	3.12	0.03	12.1	41.9
IGX043278	693078	5354566	0.05	0.08	6.11	2.2	230	0.43	0.09	2.23	0.1	10.9	37.3
IGX043279	693078	5354566	0.41	0.14	3.96	8.7	210	0.26	0.16	1.23	1.08	10.1	35.4
IGX043281	693077	5354565	2.77	0.95	1.93	2.2	220	0.08	0.19	0.89	0.04	4.29	13.9
IGX043282	693077	5354564	2.3	0.14	1.66	0.9	150	0.1	0.07	0.39	0.03	4.03	8.2
IGX043283	693076	5354564	0.07	0.09	0.94	1.2	150	0.05	0.03	0.44	0.02	2.49	5.6
IGX043284	693075	5354561	0.01	0.02	7.45	0.7	110	0.43	0.23	3.81	0.04	23.2	46.8
IGX043285	693075	5354560	0.01	0.02	7.77	1.8	150	0.49	0.32	5.17	0.04	23.5	53.3
IGX043286	693073	5354559	0.005	0.03	7.73	1.6	130	0.63	0.21	6	0.06	30.5	47.6
IGX043287	693072	5354558	0.005	0.04	7.83	1.3	130	0.53	0.15	5.02	0.07	24.8	49.2
IGX043288	693076	5354565	1.49	0.58	3.14	6.4	170	0.14	0.43	1.61	0.38	4.79	27.9
IGX043289	693076	5354565	4.62	1.87	1.48	2.3	170	0.07	0.21	0.75	0.09	3.41	14.2
IGX043291	693075	5354564	0.56	0.1	1.93	2.2	230	0.13	0.1	0.63	0.04	5.51	10.6
IGX043292	693075	5354564	0.48	0.04	0.79	0.6	110	0.025	0.04	0.29	0.01	1.72	3
IGX043293	693075	5354563	0.73	0.21	0.51	0.2	110	0.025	0.02	0.64	0.01	0.88	0.9
IGX043294	693075	5354568	0.01	0.01	6.28	0.4	120	0.37	0.02	3.94	0.04	11.95	33.6
IGX043295	693075	5354567	0.08	0.02	4.73	1.1	90	0.31	0.03	2.75	0.08	9.39	24.4
IGX043296	693074	5354567	0.06	0.03	4.98	2.4	30	0.32	0.07	2.81	1.42	8.38	29.5

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IGX043297	693074	5354566	3.39	0.5	1.58	0.9	130	0.11	0.13	2.71	0.04	5.66	9.9
IGX043298	693073	5354566	2.39	0.79	1.91	1.5	230	0.08	0.12	0.91	0.06	4.91	14.2
IGX043299	693073	5354566	0.77	0.19	1.86	2	240	0.09	0.13	0.71	0.02	4.14	12.4
IGX043301	693073	5354565	0.2	0.14	1.87	3.5	140	0.1	0.29	0.37	0.02	6.25	16.1
IGX043302	693079	5354579	0.01	0.04	7.48	2.4	10	0.29	0.03	5.25	0.09	11.65	39.7
IGX043303	693078	5354580	0.01	0.04	7.36	3.5	10	0.34	0.03	4.94	0.08	12.45	47.1
IGX043304	693078	5354580	0.13	0.05	6.74	4.2	20	0.26	0.07	2.65	0.03	9.34	42.4
IGX043305	693077	5354581	0.01	0.02	7.03	2.4	30	0.31	0.03	5.25	0.08	12.65	44.5
IGX043306	693077	5354581	0.005	0.02	7.01	1.9	20	0.31	0.02	6.13	0.1	11.55	43
IGX043307	693076	5354582	0.01	0.02	6.99	3.1	10	0.35	0.03	5.31	0.11	12.5	43.5
IGX043308	693076	5354582	0.05	0.03	6.01	4.3	10	0.27	0.04	2.7	0.04	9.45	48.1
IGX043309	693075	5354583	0.01	0.03	7.27	3.7	10	0.34	0.03	3.4	0.05	12.15	50.1
IGX043311	693074	5354584	0.03	0.04	7.09	4	20	0.42	0.04	3.3	0.07	12.3	57.8
IGX043312	693074	5354584	0.02	0.05	7.32	3.3	20	0.38	0.03	4.85	0.09	12.7	51.5
IGX043313	693073	5354585	0.005	0.02	7.23	1.3	50	0.42	0.01	5.48	0.09	11.85	43
IGX043314	693073	5354585	0.005	0.04	7.36	2.3	20	0.38	0.01	5.21	0.09	11.6	44.8
IGX043315	693072	5354586	0.005	0.02	7.36	1.3	10	0.31	0.01	4.34	0.08	11.3	42.9
IGX043316	693072	5354587	0.005	0.02	7.3	2.1	20	0.35	0.04	4.19	0.07	11.9	45.6
IGX043317	693071	5354587	0.005	0.03	6.9	2.6	10	0.35	0.03	5.9	0.1	13	42.8
IGX043318	693071	5354588	0.05	0.05	7.34	3	10	0.38	0.05	3.7	0.06	10.55	46.1
IGX043319	693070	5354588	0.06	0.06	7.3	4.1	10	0.32	0.05	4.28	0.09	11.15	48.5
IGX043321	693070	5354589	0.23	0.08	6.8	5.8	10	0.34	0.07	5.51	0.12	12.55	49.6
IGX043322	693069	5354589	0.07	0.12	6.58	6	10	0.37	0.07	5.3	0.12	13.05	48.4
IGX043323	693076	5354585	0.01	0.06	5.17	3.3	20	0.3	0.07	3.55	0.06	10.3	40.3
IGX043324	693070	5354586	0.01	0.04	6.83	3	10	0.33	0.06	3.5	0.05	11.35	49.1
IGX043325	693069	5354586	0.005	0.02	6.96	1.8	10	0.37	0.04	3.9	0.07	11.75	44.2
IGX043326	693069	5354586	0.01	0.06	6.55	3.3	10	0.32	0.1	3.51	0.06	10.7	46.9
IGX043327	693069	5354586	0.005	0.02	7.56	1.7	10	0.35	0.05	4.11	0.07	11	48
IGX043328	693068	5354586	0.005	0.03	6.71	1.6	20	0.32	0.07	3.74	0.06	10.85	44
IGX043329	693068	5354585	0.005	0.01	6.61	1.6	10	0.3	0.04	3.69	0.06	10.65	39.4
IGX043331	693068	5354585	0.04	0.02	6.88	1.9	10	0.33	0.04	3.89	0.05	20.4	42.9
IGX043332	693067	5354585	0.07	0.02	6.49	2.9	10	0.35	0.06	3.15	0.04	8.84	41.8
IGX043333	693073	5354571	0.03	0.005	4.79	0.5	860	0.42	0.02	0.62	0.02	26.6	2.7
IGX043334	693072	5354570	2.13	0.8	0.9	37.6	170	0.09	3.53	1.17	0.43	4.14	49.4
IGX043335	693072	5354570	1.03	0.78	1.86	20.7	160	0.11	2.5	0.54	0.18	5.08	91.3
IGX043336	693071	5354569	0.1	0.06	3.55	3.2	190	0.19	0.3	0.8	0.04	9.47	26.1
IGX043337	693071	5354569	0.95	0.22	1.68	3.8	300	0.06	0.45	0.88	0.02	4.6	27.7

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IGX043338	693070	5354568	2.52	0.45	0.84	0.6	140	0.025	0.09	1.43	0.02	2.48	2.7
IGX043339	693070	5354568	3.13	0.51	1.3	0.7	130	0.06	0.12	0.49	0.01	3.84	6.8
IGX043341	693071	5354573	0.005	0.005	7.37	0.9	370	0.88	0.02	0.54	0.01	54.5	28.2
IGX043342	693070	5354573	0.05	0.02	1.55	3.3	50	0.1	0.13	0.19	0.02	6.06	13.5
IGX043343	693070	5354572	0.35	0.14	3.35	27.6	420	0.41	0.74	0.69	0.11	16.35	41.6
IGX043344	693069	5354572	1.65	1.07	2.29	7.6	140	0.14	0.64	1.31	0.04	7.22	44.9
IGX043345	693068	5354571	1.93	0.36	1.75	1.3	150	0.09	0.11	0.58	0.02	4.43	10.6
IGX043346	693068	5354576	0.02	0.01	4.59	0.9	110	0.26	0.02	2.22	0.02	7.23	20
IGX043347	693067	5354575	0.2	0.38	2.59	1.4	160	0.15	0.22	0.5	0.08	2.85	15.3
IGX043348	693067	5354575	0.13	0.17	3.78	8.8	90	0.23	0.73	1.37	0.11	20.8	26.7
IGX043349	693070	5354579	0.01	0.04	6.32	2.4	110	0.39	0.07	2.83	0.04	15.15	41.2
IGX043351	693041	5354624	0.01	0.13	7.16	6.9	10	0.37	0.01	3.52	0.09	13	45.6
IGX043352	693041	5354625	0.01	0.05	6.91	7.2	10	0.28	0.01	3.74	0.06	9.9	39.3
IGX043353	693041	5354625	0.01	0.08	6.58	3.4	10	0.31	0.03	4.42	0.09	11.6	42.2
IGX043354	693041	5354626	0.01	0.04	7.11	3.4	10	0.32	0.01	3.02	0.06	9.79	39.1
IGX043355	693040	5354626	0.02	0.04	6.92	2.6	10	0.34	0.03	2.83	0.07	11.45	45
IGX043356	693037	5354625	0.05	0.1	6.86	5.9	10	0.31	0.08	1.78	0.05	13.4	52.9
IGX043357	693037	5354625	0.02	0.04	7.26	1.5	10	0.35	0.01	2.18	0.05	14.75	41.9
IGX043358	693036	5354624	0.04	0.15	6.6	5.1	10	0.34	0.06	1.55	0.04	12.55	43.5
IGX043359	693031	5354636	0.005	0.03	7.23	0.2	60	0.47	0.01	3.31	0.04	30.4	23.4
IGX043361	693031	5354636	0.005	0.01	8.03	0.6	500	0.77	0.005	0.8	0.03	34.7	10.5
IGX043362	693030	5354637	0.05	0.08	7.96	2.6	640	0.83	0.04	1.15	0.05	35.9	11.1
IGX043363	693030	5354637	0.38	0.08	7.67	1.9	560	0.74	0.04	1.83	0.04	36.4	11.9
IGX043364	693030	5354638	0.02	0.02	7.6	0.7	340	0.59	0.01	1.38	0.02	33.5	10.1
IGX043365	693030	5354639	0.01	0.06	7.84	2.6	130	0.54	0.04	1.8	0.06	20.3	32
IGX043366	693040	5354606	3.01	3.34	2.83	3.1	100	0.24	0.29	1.26	0.06	7.65	22
IGX043367	693039	5354606	2.39	0.76	1.13	0.5	190	0.08	0.06	1.56	0.03	3.35	5.6
IGX043368	693039	5354606	0.64	0.13	2.68	1.5	240	0.13	0.09	0.76	0.02	10.3	17.7
IGX043369	693039	5354609	0.1	0.12	4.84	7.7	160	0.37	1.09	1.46	0.05	13.5	57.4
IGX043371	693039	5354608	4.43	1.14	1.46	4	110	0.16	0.4	4.39	0.08	5.52	18.6
IGX043372	693038	5354608	6.48	0.83	3	0.7	550	0.11	0.1	1.1	0.04	12.1	9.3
IGX043373	693038	5354608	0.14	0.1	2.6	0.8	210	0.13	0.05	0.76	0.01	7.85	9.7
IGX043374	693038	5354611	0.08	0.06	6.31	0.8	110	0.38	0.02	2.68	0.04	14.65	25.2
IGX043375	693038	5354610	0.01	0.03	7.63	0.3	320	0.56	0.03	1.55	0.01	28.6	9.1
IGX043376	693037	5354610	0.11	0.15	6.49	2.8	330	0.44	0.17	1.68	0.05	18.45	35.8
IGX043377	693037	5354610	5.33	1.32	2.06	0.8	170	0.17	0.1	3.98	0.06	6.29	10.9
IGX043378	693037	5354610	8.24	2.59	1.04	1.3	160	0.08	0.15	1.54	0.07	5.07	7.8

Sample ID	Easting (m)	Northing (m)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
IGX043379	693038	5354614	0.02	0.03	7.1	0.6	1150	0.89	0.01	1.41	0.05	19.55	25.7
IGX043381	693038	5354613	0.005	0.05	7.22	0.6	780	0.85	0.02	5.92	0.04	14.05	41.9
IGX043382	693037	5354613	0.05	0.08	7.05	3.2	650	0.74	0.09	1.42	0.05	13.35	54
IGX043383	693037	5354612	0.08	0.07	6.65	2.6	540	0.62	0.06	3.36	0.06	11.95	49.1
IGX043384	693036	5354612	0.06	0.05	7.27	5	700	0.64	0.05	1.02	0.04	13.25	45.7
IGX043385	693036	5354611	0.06	0.03	6.85	2.1	350	0.55	0.07	1.56	0.02	10.5	40.9
IGX043386	693035	5354611	2.42	0.86	3.19	2.3	210	0.2	0.19	0.93	0.05	9	21.4
IGX043387	693035	5354610	0.22	0.2	3.4	1.6	230	0.24	0.08	0.82	0.04	10	17
IGX043388	693022	5354631	0.15	0.06	7.05	7.9	20	0.36	0.06	3.95	0.04	9.4	47.3
IGX043389	693023	5354631	0.13	0.06	6.51	6.6	30	0.36	0.07	3.59	0.05	10.75	45.2
IGX043391	693023	5354630	0.39	0.2	5.42	9.7	20	0.29	0.13	2.46	0.04	8.94	51.3
IGX043392	693023	5354630	0.01	0.03	6.97	7.1	20	0.38	0.09	3.48	0.05	11.6	49.6
IGX043393	693023	5354629	0.03	0.04	6.95	6.1	20	0.39	0.13	3.66	0.06	11.5	51.1
IGX043394	693023	5354629	0.26	0.28	7.12	5.6	30	0.39	0.17	3.24	0.05	11.6	50
IGX043395	693034	5354619	0.02	0.05	6.5	2.7	30	0.33	0.04	2.74	0.02	9.46	43.1
IGX043396	693034	5354619	0.02	0.06	6.58	3.7	20	0.39	0.06	5.35	0.04	11.55	44.3
IGX043397	693034	5354618	0.02	0.09	7.23	3	20	0.4	0.04	3.61	0.04	11.65	47.3
IGX043398	693034	5354617	0.02	0.08	7.21	5.9	30	0.47	0.09	3.62	0.05	12.05	49.9
IGX043399	693030	5354618	0.01	0.08	6.63	1.7	30	0.4	0.03	4.39	0.03	11.05	38
IGX043401	693076	5354598	0.03	0.35	4.64	7.4	130	0.45	0.14	2.43	0.23	12.65	35.5
IGX043402	693072	5354596	4.85	0.27	3.15	12.5	470	0.74	0.08	4.71	0.67	7.34	23
IGX043403	693072	5354596	24.9	1.79	3.18	12.8	20	0.56	0.18	5.09	1.26	9.15	25.1
IGX043404	693068	5354594	0.07	0.03	7.68	2.1	910	0.75	0.01	2.83	0.15	14.2	50
IGX043405	693068	5354594	0.09	0.07	6.93	4.6	520	0.64	0.02	2.15	0.11	13.8	51.3
IGX043406	693068	5354595	0.03	0.22	6.58	4.2	460	0.59	0.05	3.7	0.27	10.85	47.9
IGX043407	693068	5354596	0.05	0.25	6.15	5.3	400	0.69	0.1	3.88	0.65	10.4	35.3
IGX043408	693067	5354596	0.14	0.56	4.57	15.1	210	0.68	0.14	2.44	1.13	15.25	27.5
IGX043409	693067	5354596	0.23	1.08	3.92	22.2	60	0.4	0.18	7.2	1.5	10.25	33.9
IGX043411	693067	5354597	0.39	0.48	4.21	30.4	60	0.47	0.07	2.29	0.5	11.45	35.2
IGX043412	693068	5354599	0.14	0.82	3.83	12.7	40	0.34	0.19	3.41	0.43	11	41.4
IGX043413	693061	5354593	0.02	0.02	3.53	0.8	90	0.2	0.01	2.1	0.08	4.76	27.8
IGX043414	693061	5354593	0.26	0.07	1.2	1.8	40	0.08	0.03	1.67	0.05	2.33	8.1
IGX043415	693061	5354594	0.15	0.14	1.38	6	70	0.2	0.09	2.72	0.55	3.95	11.5
IGX043416	693061	5354594	0.11	0.05	7.28	2.6	430	0.95	0.05	2.38	0.17	33.4	31
IGX043417	693062	5354612	0.005	0.005	7.57	0.1	400	0.75	0.005	1.39	0.02	26.7	10.8
IGX043418	693062	5354613	0.01	0.005	7.55	0.1	400	0.71	0.01	1.51	0.02	26	10.8
IGX043419	693062	5354613	0.005	0.01	7.79	0.6	410	0.65	0.005	1.44	0.02	26.9	9.9

Sample ID	Easting (m)	Northing (m)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
IGX043421	693062	5354614	0.01	0.01	7.56	0.2	380	0.74	0.01	1.21	0.02	29.6	11.5
IGX043422	693059	5354613	0.01	0.13	6.51	1.2	220	0.55	0.01	5.63	0.15	14.15	42
IGX043423	693059	5354614	0.01	0.11	6.34	1.6	140	0.46	0.02	3.39	0.12	16.75	46.1
IGX043424	693058	5354614	0.01	0.11	6.24	4.6	120	0.67	0.03	3.28	0.07	16.05	47.5
IGX043425	693058	5354614	0.005	0.05	7.42	2.1	280	0.75	0.005	0.28	0.05	6.34	57.5
IGX043426	693058	5354615	0.01	0.03	8.1	0.4	300	0.68	0.005	1.06	0.05	16.85	49.8
IGX043427	693057	5354615	0.13	0.37	5.65	41.4	90	0.28	0.24	1.5	0.34	13	34
IGX043428	693057	5354616	0.33	0.33	6.26	51.3	150	0.45	0.42	2.07	0.46	21	10.7
IGX043429	693057	5354616	0.01	0.02	7.62	0.8	340	0.77	0.02	1.19	0.1	30.7	10.8
IGX043431	693057	5354617	0.12	0.07	7.16	2.7	320	0.6	0.03	2.32	0.11	22.1	26.8
IGX043432	693050	5354608	0.005	0.04	6.99	0.2	120	0.45	0.01	3.26	0.05	18.45	24.8
IGX043433	693050	5354609	0.005	0.005	7.6	0.1	410	0.67	0.01	1.19	0.03	27	11.4
IGX043434	693050	5354610	0.005	0.005	7.29	0.4	400	0.73	0.01	1.28	0.02	26.1	8.7
IGX043435	693050	5354610	0.01	0.03	7.32	2.7	280	0.79	0.03	3.09	0.07	19.45	28.6
IGX043436	693055	5354615	0.13	0.65	4.43	8.2	160	0.33	0.19	1.85	4.69	11.55	26.1
IGX043437	693055	5354615	0.51	1.61	5.4	58.5	130	0.37	0.88	0.37	3.48	18.25	26
IGX043438	693047	5354612	0.05	0.12	6.85	4.2	210	0.67	0.05	1.95	0.07	15.75	42.8
IGX043439	693047	5354612	0.01	0.02	7.88	1	350	0.96	0.01	1.11	0.08	32.4	11.8
IGX043441	693047	5354613	0.09	0.3	7.51	2	270	0.66	0.03	1.65	0.04	32.9	11.6
IGX043442	693047	5354613	0.02	0.04	7.36	0.6	340	0.73	0.02	3.14	0.82	18.95	38.9
IGX043443	693046	5354614	0.03	0.08	6.51	1.3	340	0.54	0.01	6.36	1.04	14.25	42.1
IGX043444	693046	5354614	0.02	0.07	7.51	4.6	440	0.61	0.02	1.24	1.55	17.8	53
IGX043445	693042	5354620	0.01	0.05	6.53	5.5	30	0.4	0.03	4.65	0.08	10.9	47.1
IGX043446	693042	5354620	0.01	0.05	6.45	3.1	10	0.39	0.02	4.16	0.07	11.3	43.8
IGX043447	693042	5354621	0.03	0.04	6.52	2.1	10	0.35	0.03	3.15	0.07	11.75	47.3
IGX043448	693042	5354621	0.02	0.05	6.33	2.5	10	0.39	0.02	3.9	0.07	11.6	45.9
IGX043449	693042	5354622	0.01	0.03	6.89	2.2	10	0.42	0.02	1.49	0.04	14.4	50.9
IGX043451	693070	5354579	0.01	0.03	7.48	2.8	70	0.39	0.08	3.69	0.05	15.6	48.4
IGX043452	693069	5354578	0.13	0.17	6.83	4	200	0.48	0.15	3.1	0.03	14.3	63
IGX043453	693069	5354578	0.01	0.03	6.83	3.2	230	0.46	0.1	2.56	0.01	16.9	63.4
IGX043454	693068	5354578	0.01	0.06	6.22	2.6	160	0.52	0.12	2.7	0.02	14.7	55
IGX043455	693068	5354577	0.01	0.04	6.5	3.3	150	0.53	0.12	3.76	0.03	13.25	58.1
IGX043456	693068	5354577	0.08	0.16	4.98	2.1	130	0.39	0.1	2.67	0.03	8.09	41.4
IGX043457	693067	5354577	0.1	0.18	5.24	1.7	90	0.35	0.07	3.17	0.04	8.97	31.4
IGX043458	693067	5354576	0.06	0.1	4.16	0.5	120	0.27	0.07	2.12	0.06	6.36	21.2
IGX043459	693066	5354576	0.06	0.03	2.65	2.4	160	0.19	0.34	1.51	0.03	6.21	21.2
IGX043461	693066	5354575	1.78	0.48	1.98	0.5	250	0.16	0.07	1.02	0.06	6.24	12.6

Sample ID	Easting (m)	Northing (m)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
IGX043462	693065	5354575	0.3	0.78	1.51	17	210	0.08	3.64	0.11	0.04	1.57	19.3
IGX043463	693064	5354574	21.7	5.34	1.41	1.5	200	0.07	1.05	0.33	0.09	3.79	23.8
IGX043464	693063	5354574	3.91	1.92	2.9	1.8	400	0.13	0.1	0.86	0.03	5.25	25.3
IGX043465	693063	5354573	5.43	1.15	1.71	1	270	0.1	0.16	0.44	0.03	4.32	10
IGX043466	693065	5354574	14.35	2.82	1.35	0.2	220	0.08	0.1	0.32	0.09	4.75	5
IGX043467	693067	5354572	0.28	0.06	3.59	1.4	220	0.18	0.11	0.78	0.01	9.35	22
IGX043468	693067	5354571	0.6	0.16	2.75	0.6	190	0.16	0.09	0.42	0.01	7.95	14
IGX043469	693065	5354569	0.01	0.04	7.6	1.1	170	0.68	0.17	5.09	0.05	25.2	55
IGX043471	693064	5354569	0.01	0.02	7.58	0.3	200	0.69	0.13	4.7	0.03	22.9	51.4
IGX043472	693063	5354569	0.01	0.02	7.75	0.1	220	0.71	0.12	4.49	0.02	22.7	51.6
IGX043473	693063	5354573	0.02	0.02	7.53	0.4	90	0.67	0.23	5.34	0.03	28.3	43.6
IGX043474	693062	5354573	0.02	0.02	7.27	0.1	80	0.66	0.19	4.64	0.03	23.6	53.3
IGX043475	693062	5354573	0.02	0.06	7.07	0.9	140	0.58	0.19	6.16	0.02	25.5	52.1
IGX043476	693061	5354572	0.01	0.02	7.35	0.2	100	0.69	0.15	5.1	0.03	23.6	48.1
IGX043477	693061	5354572	0.01	0.01	7.46	0.6	160	0.63	0.13	5	0.05	23.8	53.4
IGX043478	693061	5354572	0.01	0.01	7.38	0.2	150	0.73	0.12	5.13	0.06	21	50.9
IGX043479	693060	5354571	0.005	0.01	7.25	0.5	170	0.57	0.15	5.18	0.04	21.4	51.8
IGX043481	693069	5354581	0.03	0.01	6.51	3.4	80	0.4	0.06	3.66	0.06	10.6	48.7
IGX043482	693054	5354580	0.02	0.01	7.12	0.5	80	0.54	0.16	4.44	0.04	32.2	40.2
IGX043483	693054	5354580	0.01	0.02	7.29	0.3	50	0.65	0.16	3.95	0.02	23.1	52.2
IGX043484	693054	5354579	0.01	0.02	7.49	0.1	100	0.62	0.15	4.48	0.02	24.7	51.2
IGX043485	693053	5354579	0.83	0.04	7.24	0.2	100	0.66	0.14	5.36	0.04	22.9	48.4
IGX043486	693053	5354578	0.02	0.03	7.49	0.3	50	0.72	0.15	4.32	0.03	24.4	55.9
IGX043487	693052	5354578	0.01	0.03	7.49	0.3	40	0.71	0.1	3.73	0.03	25.3	50.2
IGX043488	693051	5354577	0.01	0.02	7.23	0.7	40	0.6	0.09	4.8	0.03	26.2	45.6
IGX043489	693065	5354578	0.24	0.46	2.57	0.7	210	0.23	0.07	2.69	0.06	7.27	14
IGX043491	693064	5354577	8.98	1.88	1.61	0.1	290	0.1	0.12	2.07	0.07	4.89	3.6
IGX043492	693063	5354580	0.02	0.06	4.87	1.5	180	0.39	0.27	2.24	0.02	9.65	34.3
IGX043493	693063	5354579	0.03	0.17	2.42	2.4	100	0.17	0.31	1.98	0.04	4.04	16.4
IGX043494	693062	5354579	1.91	0.53	2.36	2.2	260	0.17	0.16	2.99	0.03	5.95	13.6
IGX043495	693061	5354580	0.82	0.39	2.27	1.5	190	0.19	0.27	0.54	0.06	6.38	11.9
IGX043496	693061	5354582	0.04	0.15	4.92	4.9	100	0.34	0.82	2.15	0.03	8.13	45.9
IGX043497	693060	5354582	0.26	0.1	2.84	1.2	250	0.29	0.25	3.23	0.05	8.51	18.8
IGX043498	693059	5354581	2.27	0.47	1.25	1.2	230	0.12	0.18	3.07	0.05	2.25	5.6
IGX043499	693059	5354581	1.48	0.95	1.98	1.1	260	0.14	0.24	2.79	0.15	5.26	8.6
IGX043501	693062	5354587	0.03	0.06	6.71	4.7	30	0.34	0.11	2.55	0.02	11.9	50.3
IGX043502	693062	5354587	0.33	0.05	6.34	3.4	20	0.29	0.11	2.4	0.03	9.64	41.3

Sample ID	Easting (m)	Northing (m)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
IGX043503	693062	5354587	0.13	0.04	7.33	3.3	20	0.38	0.14	2.48	0.08	11.35	53.6
IGX043504	693061	5354586	0.02	0.02	6.8	2.3	30	0.34	0.07	3.91	0.04	8.94	43.5
IGX043505	693061	5354586	0.01	0.03	6.61	2.5	30	0.42	0.09	3.39	0.05	8.76	45.7
IGX043506	693060	5354585	0.07	0.01	6.97	1.4	50	0.51	0.05	2.91	0.03	7.9	38.3
IGX043507	693060	5354585	0.01	0.01	5.67	2.4	30	0.36	0.07	2.11	0.02	7.03	37.2
IGX043508	693060	5354585	0.01	0.03	5.73	2.4	80	0.4	0.12	1.84	0.03	8.4	42.1
IGX043509	693059	5354585	0.01	0.03	4.49	1.8	40	0.33	0.12	2.38	0.03	6.67	32.9
IGX043510	693059	5354584	0.01	0.01	5.42	1.1	70	0.4	0.05	2.04	0.03	7.73	32.3
IGX043511	693059	5354584	0.06	0.17	4.05	5.2	70	0.3	1.28	1.58	0.02	10.1	42.3
IGX043512	693058	5354584	0.01	0.08	2.88	3.4	200	0.26	0.43	2.94	0.04	8.4	29
IGX043513	693058	5354583	4.53	1.92	1.19	1.3	120	0.11	0.74	2.6	0.65	3.39	9.5
IGX043515	693062	5354588	0.06	0.26	5.04	5.7	20	0.24	0.13	1.48	0.07	9.44	47.6
IGX043516	693056	5354595	0.04	0.01	7.21	0.1	360	0.69	0.01	3.4	0.04	14.95	40.9
IGX043517	693056	5354594	0.3	0.04	6.44	0.5	180	0.46	0.02	1.71	0.03	13.35	38.8
IGX043518	693056	5354593	1.09	0.14	4.42	16.6	90	0.27	0.22	0.58	0.06	25.8	30.4
IGX043519	693056	5354593	0.03	0.01	5.94	1.9	40	0.3	0.06	2.67	0.06	12.7	31.6
IGX043521	693057	5354592	0.42	0.07	3.12	7.7	70	0.26	0.32	0.67	0.06	5.24	22.3
IGX043522	693057	5354592	0.005	0.005	7.88	0.3	490	0.85	0.02	2.49	0.04	13.65	36.1
IGX043523	693057	5354591	0.04	0.005	6.92	0.3	390	0.82	0.02	2.03	0.05	14.6	35.4
IGX043524	693057	5354590	0.05	0.1	3.59	1.2	180	0.38	0.06	1.49	0.05	7.88	23.2
IGX043525	693050	5354601	0.005	0.01	7.55	0.3	360	0.58	0.01	0.94	0.08	16.7	39.4
IGX043526	693050	5354601	0.005	0.02	7.32	1.9	260	0.6	0.02	1.61	0.05	17.45	42.8
IGX043527	693049	5354601	0.01	0.01	6.97	1	380	0.76	0.02	2.21	0.04	17.4	29.5
IGX043528	693048	5354600	0.02	0.08	5.55	0.9	240	0.57	0.04	3	0.05	12.7	28.5
IGX043529	693048	5354600	0.02	0.05	5.89	0.5	230	0.63	0.02	1.83	0.05	9.85	26.9
IGX043531	693048	5354600	0.01	0.01	5.05	0.6	130	0.46	0.03	2.18	0.06	9.91	27.7
IGX043532	693047	5354599	0.04	0.19	2.77	2.2	110	0.28	0.41	2.06	0.06	9.4	24.9
IGX043533	693047	5354599	4.53	1.06	0.88	0.5	110	0.06	0.1	1.45	0.04	3.02	4.2
IGX043534	693047	5354601	0.14	0.58	5.18	2.2	200	0.63	0.21	2.22	0.05	10.35	35.6
IGX043535	693046	5354600	0.06	0.19	2.12	3.1	120	0.19	0.37	3.17	0.56	5.72	25.8
IGX043536	693046	5354600	4.67	1.01	0.81	0.1	110	0.1	0.11	2.47	0.05	2.03	3.1
IGX043537	693044	5354605	0.06	0.04	6.77	1.4	10	0.44	0.07	2.85	0.04	12.35	39
IGX043538	693044	5354604	0.02	0.01	7.17	1.3	10	0.49	0.05	1.66	0.03	12.3	37.6
IGX043539	693043	5354604	0.02	0.03	6.58	1.3	130	0.58	0.07	2.08	0.04	11.15	32.8
IGX043541	693043	5354604	0.02	0.16	4.18	5.3	70	0.36	0.44	1.29	0.02	7.88	33.1
IGX043542	693043	5354603	0.07	0.09	5.76	2.6	20	0.42	0.2	3.14	0.03	8.11	38.8
IGX043543	693042	5354604	1.8	1.22	1.19	0.7	160	0.09	0.1	2.2	0.03	2.6	5.2

Sample ID	Easting (m)	Northing (m)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
IGX043544	693042	5354604	0.11	0.5	3.09	4	110	0.3	0.58	3.12	0.13	7.57	30.5
IGX043545	693042	5354608	0.01	0.04	6.74	0.9	220	0.53	0.02	4.45	0.04	16.2	37.5
IGX043546	693042	5354608	0.02	0.02	7.08	0.9	450	0.54	0.07	1.43	0.03	19.35	22.2
IGX043547	693041	5354607	0.005	0.005	6.88	0.1	500	0.55	0.01	0.93	0.02	21.6	8.9
IGX043548	693041	5354607	0.01	0.005	6.37	0.1	280	0.6	0.03	1.19	0.01	18.45	9.6
IGX043549	693040	5354607	0.06	0.11	4.96	3	90	0.4	0.25	1.47	0.03	9.89	31.7
IGX043551	693029	5354617	0.04	0.13	6.18	1.7	100	0.39	0.1	4.03	0.02	10.15	38.2
IGX043552	693029	5354617	0.04	0.09	7.01	4.5	30	0.47	0.21	4.16	0.02	12.6	47.3
IGX043553	693028	5354616	0.07	0.07	6.96	4	30	0.5	0.14	1.58	0.02	11.25	45.8
IGX043554	693028	5354616	0.61	0.13	5.88	3.6	80	0.39	0.17	1.62	0.03	8.4	39.9
IGX043555	693026	5354618	9.56	0.79	0.43	0.4	90	0.025	0.07	1.01	0.13	2.11	3.5
IGX043556	693025	5354618	1.15	0.48	1.69	0.3	160	0.13	0.07	2.29	0.04	5.6	7.2
IGX043557	693025	5354618	0.48	0.22	3.05	0.7	350	0.15	0.05	0.51	0.02	5.25	10.9
IGX043558	693024	5354617	3.96	1.46	3.15	0.4	150	0.16	0.13	0.47	0.05	13	8.3
IGX043559	693040	5354607	0.07	0.03	4.13	0.9	30	0.28	0.05	1.39	0.02	6.51	21.9
IGX043561	693026	5354621	0.13	0.12	6.13	4.2	40	0.4	0.25	3.74	0.03	9.95	45.9
IGX043562	693025	5354620	0.13	0.05	7.43	1.5	50	0.48	0.08	2.53	0.02	10.5	32.7
IGX043563	693025	5354620	0.32	0.08	4.27	2.1	50	0.27	0.14	2.13	0.03	5.38	25.7
IGX043564	693025	5354620	12.65	2.23	2.96	3.3	120	0.2	0.27	1.06	0.05	3.87	48.8
IGX043565	693024	5354619	9.59	2.08	1.16	0.4	110	0.08	0.31	2.23	0.12	5.42	8.2
IGX043566	693024	5354619	0.27	0.24	4.24	1.4	180	0.35	0.1	1.11	0.04	16	19.2
IGX043567	693033	5354628	0.02	0.06	6.66	6.7	10	0.31	0.04	3.69	0.07	9.8	50
IGX043568	693032	5354627	0.02	0.06	7.26	6.7	20	0.4	0.06	3.51	0.06	11.4	53.5
IGX043569	693031	5354627	0.04	0.08	6.8	5.9	30	0.42	0.05	4.41	0.04	11.65	47.7
IGX043571	693031	5354626	0.04	0.09	6.88	3	10	0.32	0.06	4.26	0.05	11.8	45.6
IGX043572	693030	5354625	0.01	0.03	6.81	3.2	10	0.36	0.04	4.65	0.07	11.9	43
IGX043573	693029	5354625	0.05	0.08	6.69	9.1	20	0.39	0.11	4.17	0.05	11.75	51.7
IGX043574	693029	5354624	0.04	0.06	6.9	8.3	20	0.42	0.07	4.43	0.05	12	45.3
IGX043575	693028	5354624	0.04	0.07	6.86	9.7	20	0.4	0.11	5.1	0.04	11.75	46.5
IGX043576	693028	5354623	0.09	0.08	6.98	7.4	20	0.41	0.16	2.82	0.04	12.25	51.2
IGX043577	693027	5354623	0.08	0.05	7.29	6.4	30	0.45	0.17	2.42	0.05	12.5	53.1
IGX043578	693026	5354622	0.07	0.04	6.86	3.3	30	0.41	0.1	4.71	0.06	10.15	43.3
IGX043579	693025	5354622	0.04	0.06	6.89	2.9	40	0.39	0.11	4.02	0.06	10.7	44
IGX043581	693023	5354621	7.84	3.15	1.51	1.2	180	0.11	0.23	0.91	0.12	3.63	9.4
IGX043582	693022	5354621	1.69	0.3	3.35	0.8	150	0.22	0.09	0.6	0.02	8.63	13.6
IGX043583	693022	5354620	4.02	0.52	3.98	1.7	420	0.32	0.15	0.77	0.04	10.9	16.2
IGX043584	693021	5354619	1.93	0.37	6.24	2.8	550	0.43	0.42	0.82	0.09	13	37.4

Sample ID	Easting (m)	Northing (m)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
IGX043585	693020	5354619	0.04	0.06	7.48	5.4	850	0.71	1.17	0.99	0.07	18.85	71.3
IGX043586	693020	5354619	0.01	0.01	7.72	0.5	460	0.52	0.1	4.14	0.04	24.4	39.8
IGX043587	693019	5354618	0.01	0.01	7.64	1	240	0.44	0.08	3.95	0.06	25.7	42.6
IGX043588	693019	5354618	0.01	0.01	7.99	0.6	430	0.63	0.14	3.92	0.07	25	44.5
IGX043589	693018	5354617	0.01	0.03	8.01	0.4	520	0.6	0.17	4.5	0.05	27.6	46.3
IGX043591	693018	5354617	0.01	0.01	5.95	1.2	180	0.33	0.09	3.92	0.09	15.15	28.3
IGX043592	693017	5354616	0.01	0.005	7.67	0.6	340	0.55	0.05	5.1	0.04	13.55	29.8
IGX043593	693017	5354616	0.01	0.005	7.86	1	340	0.58	0.09	4.39	0.03	15.2	38.5
IGX043594	693022	5354625	0.03	0.05	6.89	2.8	40	0.6	0.18	4.02	0.16	12.85	42.6
IGX043595	693022	5354625	0.28	0.07	6.36	6.3	50	0.51	0.44	2.74	0.19	10.85	55.4
IGX043596	693021	5354624	0.78	0.33	6.15	10.2	50	0.42	0.72	3.6	0.09	9.92	54
IGX043597	693021	5354624	4.37	1.74	1.66	1.6	50	0.13	0.31	3.51	0.33	2.39	12.5
IGX043598	693021	5354624	16.35	5.03	0.88	2.8	110	0.07	0.51	1.93	1.8	1.89	40.5
IGX043599	693020	5354623	2.01	0.98	1.52	3.1	270	0.08	0.45	1.03	1.27	3.39	22.3
IGX043601	693020	5354623	0.26	0.17	4.35	0.8	150	0.41	0.05	0.95	0.82	15	15
IGX043602	693020	5354623	2.57	0.72	3.52	0.6	140	0.29	0.06	0.61	0.54	9.83	12
IGX043603	693019	5354622	1.61	0.33	3.56	2.7	270	0.25	0.29	0.8	0.4	18.1	16.1
IGX043604	693021	5354622	6.9	0.98	2.78	0.8	170	0.18	0.06	0.62	0.1	10	8.7
IGX043605	693021	5354621	5.5	1.44	4.33	3	790	0.27	0.38	1.34	0.11	10.55	18.9
IGX043606	693019	5354624	3.85	0.46	4.19	0.7	220	0.27	0.06	0.74	0.21	26.3	9.2
IGX043607	693018	5354624	6.78	1.36	5.38	9.5	910	0.37	1.32	0.3	0.55	14.15	39.8
IGX043608	693017	5354623	0.04	0.08	7.21	4.4	290	0.48	1.08	1.2	0.03	14.9	73.5
IGX043609	693017	5354623	0.04	0.05	7.03	0.8	720	0.47	0.09	1.58	0.03	22.4	30.5
IGX043610	693017	5354622	0.03	0.04	8.21	3.5	330	0.46	0.17	1.1	0.05	20.4	52.5
IGX043611	693016	5354622	0.01	0.05	7.06	1.8	960	0.45	0.24	2.58	0.03	16.6	43.6
IGX043612	693016	5354622	0.02	0.02	7.53	2.7	820	0.65	0.1	3.19	0.02	14.3	37.9
IGX043613	693016	5354621	0.01	0.03	7.13	0.9	450	0.36	0.05	5.58	0.03	22.1	31.8
IGX043616	693015	5354620	0.01	0.02	7.6	1.3	790	0.5	0.11	5.56	0.03	16.4	37.3
IGX043617	693015	5354620	0.01	0.03	4.86	2.1	820	0.46	0.13	3.67	0.04	5.55	34.1
IGX043618	693018	5354627	0.17	0.25	5.92	4.7	70	0.44	0.42	3.01	0.05	9.36	41.1
IGX043619	693017	5354627	4.84	1.98	1.98	4.6	100	0.13	0.67	2.01	0.12	2.58	25.8
IGX043621	693017	5354627	32.7	4.7	0.67	1.1	150	0.025	0.27	0.74	0.13	0.87	6.3
IGX043622	693017	5354627	0.43	0.17	4.96	0.7	160	0.4	0.06	1.08	0.03	18.1	15.9
IGX043623	693017	5354626	0.84	0.25	4.23	1.7	220	0.27	0.1	0.93	0.03	12	20.2
IGX043624	693017	5354630	0.02	0.06	6.94	2.4	50	0.56	0.15	2.56	0.03	20.4	28.5
IGX043625	693017	5354631	0.31	0.04	7.49	1.8	290	0.75	0.09	1.42	0.02	38.4	14
IGX043626	693017	5354631	0.02	0.02	7.58	1	360	0.76	0.03	0.95	0.02	37.1	11.5

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IGX043627	693016	5354632	0.01	0.02	7.58	0.7	480	0.83	0.02	0.85	0.01	39.6	10.4
IGX043628	693016	5354632	0.01	0.02	7.52	0.2	60	0.59	0.01	1.74	0.01	40.6	9.4
IGX043629	693016	5354633	0.01	0.03	7.6	0.6	20	0.6	0.02	1.47	0.02	30.5	23.7
IGX043631	693016	5354628	0.97	0.75	5.15	3.5	70	0.32	0.36	1.86	0.04	6.66	35.2
IGX043632	693016	5354628	6.71	1.6	1.34	2.7	90	0.09	0.4	2.64	0.22	1.98	14.3
IGX043633	693015	5354627	12.1	2.18	1.77	1	250	0.1	0.18	0.54	0.1	3.84	11.2
IGX043634	693015	5354627	2.38	0.68	4.67	8.7	440	0.37	0.88	0.96	0.03	15.15	45.4
IGX043635	693015	5354627	8.49	1.43	2.96	3.2	410	0.15	0.53	0.63	0.04	8.38	15.6
IGX043636	693014	5354626	5.17	1.56	3.06	17.4	260	0.17	2.6	0.89	0.03	14.6	68.4
IGX043637	693014	5354632	0.03	0.06	7.36	0.7	30	0.5	0.04	3.2	0.02	22.8	25.1
IGX043638	693014	5354632	0.06	0.05	7.12	2.3	130	0.6	0.09	1.85	0.14	20	30.4
IGX043639	693013	5354631	0.3	0.03	7.13	1.4	280	0.7	0.12	1.54	0.01	34.3	13.9
IGX043641	693013	5354631	0.06	0.03	7.05	1.3	120	0.59	0.07	1.33	0.01	37.8	12.8
IGX043642	693013	5354630	0.2	0.04	7.09	0.9	70	0.55	0.09	1.34	0.02	35.9	10.5
IGX043643	693013	5354630	1.54	2.92	1.47	0.4	100	0.29	0.27	6.55	0.08	7.93	3.3
IGX043644	693012	5354629	24.8	3.1	0.96	0.6	130	0.07	0.24	1.16	0.08	2.53	4.6
IGX043645	693013	5354631	0.79	1.07	3.52	1	100	0.36	0.24	3.46	1.03	12.8	10.1
IGX043646	693012	5354631	8.95	3.42	0.65	0.4	100	0.24	0.22	5.6	0.16	2.66	3
IGX043647	693012	5354631	11.35	3.34	0.46	1.1	80	0.025	0.22	0.97	0.12	0.86	3.4
IGX043648	693012	5354631	11.25	2.65	2.1	1.1	270	0.17	0.25	2.14	0.11	5.76	9.3
IGX043649	693014	5354633	0.14	0.11	7.32	3.6	20	0.53	0.13	2.95	0.03	15.9	40.4
IGX043651	693011	5354633	0.38	0.17	6.75	4.2	40	0.44	0.19	2.05	0.03	10.15	43.2
IGX043652	693011	5354632	0.84	0.19	5.21	6.4	50	0.35	0.3	1	0.05	7.78	39
IGX043653	693011	5354632	2.17	0.61	0.68	0.7	110	0.33	0.08	6.88	0.13	7.75	4.7
IGX043654	693010	5354632	14.85	2.16	0.8	0.5	140	0.025	0.16	1.43	0.1	0.96	3
IGX043655	693010	5354632	15.25	2.31	1.23	1.4	160	0.11	0.28	1.01	0.06	3.43	7.4
IGX043656	693009	5354632	0.02	0.03	6.56	0.9	290	0.33	0.13	7.46	0.02	16.85	30.8
IGX043657	693009	5354631	0.01	0.03	6.82	0.6	410	0.39	0.13	7.92	0.02	16.7	32.6
IGX043658	693008	5354631	0.01	0.03	7.35	1.5	520	0.54	0.21	6.59	0.03	19.7	42.4
IGX043659	693008	5354630	0.02	0.04	7.17	2.6	550	0.53	0.18	6.32	0.05	24.3	44.1
IGX043661	693008	5354630	0.01	0.03	7.7	2.2	570	0.53	0.18	4.97	0.03	28	43.9
IGX043662	693007	5354630	0.01	0.04	8.35	2.2	600	0.6	0.24	3.04	0.04	29.1	50
IGX043663	693007	5354629	0.02	0.04	7.97	1.8	690	0.66	0.18	5.21	0.03	31	44.7
IGX043664	693006	5354630	0.02	0.05	6.14	3.2	440	0.62	0.51	2.14	0.03	25.4	41.8
IGX043665	693004	5354633	0.02	0.04	5.73	3.8	570	0.63	0.24	2.56	0.01	22.7	42.8
IGX043666	693004	5354632	0.05	0.06	6.4	1.4	80	0.51	0.05	4.34	0.01	16.4	29.9
IGX043667	693012	5354637	0.03	0.02	8.99	0.4	620	3.55	0.08	3.33	0.03	92	7.8

Sample ID	Easting (m)	Northing (m)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
IGX043668	693012	5354637	0.03	0.01	9.08	0.7	520	3.08	0.17	2.81	0.06	78.5	8.9
IGX043669	693011	5354637	0.27	0.45	6.95	1.2	430	2.26	2.08	5.21	0.29	175.5	12
IGX043671	693011	5354636	0.05	0.04	7.46	1.5	360	1.77	0.41	6.37	0.04	147	8.3
IGX043672	693011	5354636	0.02	0.02	7.82	3.2	500	1.5	0.2	3.36	0.03	30.1	13.9
IGX043673	693010	5354636	0.04	0.03	7.28	2.5	500	1.18	0.12	1.77	0.02	22	13.1
IGX043674	693009	5354636	0.02	0.02	7.09	2.8	480	1.04	0.09	1.73	0.03	24	11.8
IGX043675	693009	5354636	0.01	0.01	7.15	0.5	310	0.89	0.04	1.82	0.02	22.4	11.3
IGX043676	693009	5354635	0.3	0.24	6.47	8.3	20	0.44	0.23	2.96	0.05	10.65	51
IGX043677	693008	5354635	0.14	0.12	6.48	2.4	20	0.43	0.22	2.6	0.04	11.15	39.9
IGX043678	693007	5354635	17.2	1.26	0.92	0.7	70	0.14	0.18	9.83	0.07	3.6	5.6
IGX043679	693007	5354635	36.1	7.27	1.89	4.6	180	0.1	1.04	0.73	0.1	5.6	29
IGX043681	693011	5354636	0.01	0.01	7.41	1.2	280	0.73	0.02	0.91	0.01	23.2	14.2
IGX043682	693011	5354636	0.02	0.01	7.38	2.9	570	1.12	0.03	1.34	0.02	23	11.6
IGX043683	693011	5354637	0.04	0.02	6.71	1.5	420	1.57	0.12	4.68	0.09	89.4	10.6
IGX043684	693011	5354637	0.05	0.005	8.01	0.3	440	2.51	0.13	4.02	0.05	135	8.9
IGX043685	693011	5354638	0.06	0.05	7.66	2.4	200	1.38	0.1	2.49	0.1	120	32
IGX043686	693010	5354638	0.13	0.1	7.15	1.1	20	0.53	0.03	4.22	0.3	10.55	52.1
IGX043687	693016	5354638	0.03	0.06	7.9	1.3	590	1.8	0.06	1.54	0.04	27.8	18.4
IGX043688	693016	5354638	0.09	0.1	9.16	1.9	610	3.07	0.16	0.67	0.07	167	12.2
IGX043689	693016	5354639	0.23	0.03	7.66	3	460	2.46	0.12	1.32	0.11	66.8	35.5
IGX043691	693017	5354643	0.02	0.1	6.88	3.8	20	0.26	0.02	2.8	0.06	7.72	46.2
IGX043692	693017	5354644	0.07	0.1	7.38	38	290	0.49	0.07	2.85	0.11	8.72	51.1
IGX043693	693016	5354644	0.58	0.17	7.04	114	500	0.62	0.12	3.45	0.29	8.73	48.5
IGX043694	693016	5354645	0.17	0.11	7.17	62.1	300	0.42	0.04	2.76	0.12	8.25	57.7
IGX043695	693016	5354645	0.43	0.27	6.9	131.5	370	0.57	0.06	3.2	0.17	8.9	50.6
IGX043696	693016	5354646	0.28	0.48	5.52	16.7	50	0.26	0.29	2.37	0.85	10.65	61.1
IGX043697	693014	5354647	0.01	0.05	7.15	1.5	20	0.4	0.01	2.45	0.09	13.05	41.9
IGX043698	693014	5354647	0.01	0.03	7.1	0.6	10	0.44	0.005	3.53	0.09	13.7	38.9
IGX043699	693014	5354646	0.005	0.03	7.12	1.7	40	0.35	0.005	4.25	0.09	12	40.7
IGX043701	693014	5354646	0.01	0.06	7.04	1.3	50	0.37	0.01	3.43	0.08	13.15	43.8
IGX043702	693013	5354646	0.09	0.19	6.54	10.9	50	0.31	0.27	2.86	0.1	13.1	51.8
IGX043703	693013	5354645	0.58	0.18	6.39	126.5	230	0.4	0.2	4.27	0.15	9.95	49.7
IGX043704	693012	5354645	0.74	0.24	7.28	264	660	0.87	0.47	2.16	0.21	9.88	55.4
IGX043705	693012	5354644	0.11	0.07	7.86	43.6	480	0.64	0.07	1.97	0.07	10.85	52.7
IGX043706	693012	5354643	0.11	0.07	7.3	55.6	320	0.51	0.11	2.84	0.08	10.4	50.8
IGX043707	693011	5354643	0.37	0.23	7.2	28.8	430	0.61	0.11	2.94	0.1	10.65	54.8
IGX043708	693010	5354642	0.06	0.08	6.98	4.5	30	0.28	0.03	3.71	0.07	9.04	51.1

Sample ID	Easting (m)	Northing (m)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
IGX043709	693010	5354642	0.08	0.1	6.16	3.6	30	0.27	0.13	4.2	0.11	7.57	46.1
IGX043711	693009	5354641	0.11	0.04	6.73	5.6	30	0.33	0.04	4.03	0.1	7.39	48.5
IGX043712	693009	5354640	0.11	0.02	6.42	3	20	0.33	0.03	4.1	0.05	7.28	46.1
IGX043713	693008	5354640	0.04	0.04	6.96	3	30	0.41	0.04	3.96	0.04	6.95	50.3
IGX043714	693008	5354639	0.02	0.05	6.6	3	30	0.42	0.16	4.53	0.07	9.54	52
IGX043715	693007	5354638	0.11	0.04	6.63	3.7	40	0.5	0.11	4.27	0.04	10.2	47
IGX043716	693007	5354638	0.05	0.04	6.69	2.9	60	0.5	0.1	3.96	0.05	6.86	48.3
IGX043717	693007	5354637	0.11	0.08	7.47	4.8	230	1.1	0.36	1.56	0.08	98.6	22.6
IGX043718	693006	5354636	11.45	2.19	1.93	1.2	170	0.18	0.19	2.59	0.07	7.64	11.8
IGX043719	693005	5354636	0.04	0.02	7.36	2.7	280	0.49	0.14	1.23	0.02	18.5	45.8
IGX043721	693005	5354635	0.02	0.03	7.2	1.4	480	0.57	0.21	6.23	0.02	21.5	49.5
IGX043722	693003	5354634	0.03	0.05	5.67	3.1	110	0.46	0.1	4.33	0.02	17.3	34.3
IGX043723	693005	5354638	0.25	0.08	4.63	2.5	70	0.49	0.13	0.47	0.03	47.3	27.5
IGX043724	693005	5354638	9.58	2.04	1.54	0.9	220	0.32	0.18	5.51	0.06	3.74	4.6
IGX043725	693006	5354644	0.35	0.1	5.58	2.9	50	0.35	0.07	3.19	0.22	9.92	40.7
IGX043726	693005	5354644	0.3	0.11	6.41	6.4	50	0.39	0.06	3.07	0.06	10.35	52.1
IGX043727	693005	5354643	0.04	0.02	5.94	4.2	30	0.32	0.04	4.49	0.05	10.6	36.7
IGX043728	693005	5354642	0.13	0.04	6.89	6.7	80	0.49	0.11	1.41	0.06	13.2	45.8
IGX043729	693005	5354642	0.42	0.09	5.13	26.6	310	0.62	0.43	7.2	0.14	8.34	46.2
IGX043731	693005	5354641	0.21	0.07	6.07	20.3	560	0.94	0.38	3.1	0.06	8.05	49.3
IGX043732	693005	5354640	0.09	0.03	6.22	7.3	120	0.48	0.12	5.85	0.05	8.27	47.2
IGX043733	693005	5354640	0.05	0.02	5.83	3.2	40	0.34	0.06	5.28	0.03	8.35	38.7
IGX043734	693003	5354640	0.75	0.77	1.52	1.6	130	0.5	0.2	9.98	0.06	4.05	11.6
IGX043735	693003	5354640	58.6	9.48	0.96	1	210	0.05	0.57	0.75	0.14	2.9	5.2
IGX043736	693003	5354646	0.6	0.22	6.53	3.3	30	0.42	0.19	1.72	0.04	16.15	52.6
IGX043737	693001	5354643	0.23	0.12	6.57	4.2	40	0.46	0.19	1.46	0.03	11.35	54.5
IGX043738	693001	5354643	0.16	0.15	5.01	7.8	60	0.38	0.49	1.29	0.03	6.17	53.8
IGX043739	693000	5354643	0.62	0.58	2.45	5.3	300	0.16	0.94	1.34	0.01	4.37	38.4
IGX043741	693000	5354642	31.3	6.66	1.17	2.8	240	0.05	0.82	0.7	0.06	2.42	12.3
IGX043742	692999	5354645	19.3	3.82	1.46	2.6	240	0.1	0.54	2.24	0.06	2.87	13.6
IGX043743	692998	5354644	33.2	4.48	2.73	1.8	220	0.21	0.68	0.74	0.08	5.9	17.6
IGX043744	693005	5354634	0.04	0.05	7.25	1.7	310	0.44	0.22	3.71	0.02	28.1	50.8
IGX043745	693005	5354634	0.05	0.04	7.71	1.5	650	0.64	0.26	3.48	0.02	24.4	54.5
IGX043746	693004	5354634	0.02	0.04	7.54	1.9	530	0.59	0.16	5.47	0.04	25.2	47.6
IGX043747	693005	5354650	0.01	0.1	4.42	3.3	20	0.24	0.04	1.44	0.06	6.15	30.7
IGX043748	693003	5354652	0.12	0.73	6.6	9	30	0.34	0.12	4.16	0.07	14.95	63.6
IGX043749	693002	5354652	0.01	0.09	7.76	2.6	40	0.43	0.03	4.54	0.06	14.95	51.8

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IGX043751	693002	5354652	0.01	0.18	6.19	4.8	30	0.28	0.05	3.74	0.07	8.25	49.4
IGX043752	693001	5354649	0.01	0.09	7.47	4.8	20	0.37	0.04	4.78	0.07	8.65	60.8
IGX043753	693000	5354649	0.27	0.14	6.82	3.9	30	0.26	0.1	5.17	0.06	7.71	60.7
IGX043754	693000	5354648	0.27	0.27	7.15	4.5	70	0.35	0.11	3.74	0.08	8.03	58.2
IGX043755	693000	5354648	0.16	0.07	7.31	2.5	80	0.46	0.09	3.89	0.07	8.03	52.7
IGX043756	692999	5354647	0.02	0.13	7.43	5.1	120	0.56	0.21	4.72	0.05	11.1	73.6
IGX043757	692999	5354647	0.005	0.03	7.15	2.8	130	0.54	0.1	4.63	0.04	11.3	56.2
IGX043758	692999	5354647	0.04	0.03	6.72	1.7	200	0.66	0.07	3.25	0.04	12.3	42.3
IGX043759	692998	5354646	0.08	0.06	6.5	5.1	80	0.46	0.17	3.64	0.39	12.35	44.8
IGX043761	692998	5354646	0.07	0.16	5	3.1	100	0.4	0.26	2.11	0.04	11.75	38.2
IGX043762	692997	5354645	28.1	4.5	1.28	1.1	170	0.11	0.41	0.91	0.14	3.25	6.9
IGX043763	692997	5354643	0.02	0.02	5.81	0.6	270	0.35	0.14	4.64	0.03	20.7	41
IGX043764	692996	5354643	0.02	0.03	7.35	2.7	500	0.5	0.13	3.74	0.01	23.3	49.3
IGX043765	692996	5354642	0.02	0.01	6.95	0.4	210	0.35	0.02	3.47	0.02	8.11	49.1
IGX043766	692995	5354641	0.005	0.005	7.35	0.5	90	0.3	0.02	3.83	0.03	7.98	55.3
IGX043767	692995	5354640	0.005	0.01	6.1	0.2	50	0.21	0.02	3.89	0.02	7.56	50.1
IGX043768	692996	5354648	0.43	0.12	6.04	2.6	80	0.47	0.25	2.71	0.53	5.55	46
IGX043769	692996	5354648	0.06	0.08	5.81	3.6	50	0.41	0.36	1.69	0.04	9.34	47.3
IGX043771	692996	5354647	4.78	1.23	3.24	2.2	180	0.26	0.55	1.87	0.04	8.29	23
IGX043772	692995	5354647	48.3	6.98	3.4	0.9	230	0.27	0.82	1.15	0.16	8.82	21.6
IGX043773	692994	5354652	0.12	0.06	6.91	4.7	50	0.45	0.2	3.3	0.11	15.6	63.5
IGX043774	692993	5354652	0.3	0.05	6.58	3.9	60	0.46	0.21	2.55	0.12	15.15	51.4
IGX043775	692993	5354651	1.52	0.32	6.13	7.8	50	0.41	0.48	2.42	0.12	11.75	61.1
IGX043776	692993	5354650	0.52	0.27	5.88	8.2	100	0.44	0.66	1.93	0.09	10.8	57.6
IGX043777	692992	5354650	4.52	1.22	2.85	1.7	280	0.23	0.51	2.15	0.08	7.31	20.3
IGX043778	693002	5354656	0.06	0.39	5.16	10.8	60	0.35	0.09	2.72	0.08	12.55	38.9
IGX043779	693002	5354656	0.52	1.88	4.43	85	210	0.47	0.64	1.16	12.6	15.05	64.9
IGX043781	693001	5354657	0.81	1.5	2.85	163.5	200	0.26	0.99	2.74	11.85	11.7	66.9
IGX043782	693001	5354657	0.38	0.39	6.17	5.4	420	0.78	0.37	3.79	1.89	11.8	36
IGX043783	693000	5354658	0.08	0.67	4.41	20.6	30	0.29	0.18	3.16	0.62	11.3	48.9
IGX043784	692996	5354655	0.05	0.24	6.57	6.8	80	0.47	0.07	5.01	0.44	11.1	33.7
IGX043785	692996	5354655	0.43	1.65	4.49	45.2	480	0.68	0.35	2.57	3.96	13.5	33.7
IGX043786	692996	5354656	0.03	0.37	5.74	9.3	50	0.29	0.13	4.65	0.29	11.5	47.9
IGX043787	692996	5354659	0.01	0.08	6.9	2.2	10	0.33	0.02	3.39	0.13	12.6	42.2
IGX043788	692996	5354658	0.02	0.16	4.97	2.3	10	0.27	0.01	2.67	0.13	7.47	32
IGX043789	692995	5354657	0.01	0.16	7.56	1.8	10	0.33	0.01	2.64	0.06	9.96	58
IGX043791	692995	5354657	0.01	0.2	6.21	1.5	10	0.31	0.01	4.97	0.11	11	43.5

Sample ID	Easting (m)	Northing (m)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
IGX043792	692994	5354656	0.01	0.06	6.26	1.3	10	0.3	0.01	4.85	0.06	10.15	39.9
IGX043793	692994	5354656	0.02	0.09	6.58	4.1	20	0.38	0.02	4.88	0.1	12.1	45.4
IGX043794	692994	5354655	1.46	0.58	4.65	31.6	90	0.41	0.38	4.42	0.76	12.2	36.5
IGX043795	692993	5354655	0.04	0.17	6.61	6	110	0.5	0.12	7.52	0.71	13.6	38.5
IGX043796	692993	5354655	0.14	0.76	5.76	6.2	190	0.55	0.23	5.2	9.85	14.3	48.5
IGX043797	692992	5354655	0.09	0.46	5.16	14.4	50	0.31	0.24	3.36	1.03	10.85	49.3
IGX043798	692992	5354656	0.04	0.21	5.39	7.5	20	0.33	0.18	3.78	0.27	12.45	47.8
IGX043799	692989	5354665	0.01	0.07	7.21	7.2	20	0.33	0.04	3.98	0.07	8.96	48.3
IGX043801	692989	5354664	0.04	0.18	6.55	10	20	0.29	0.05	3.64	0.08	9.49	48.4
IGX043802	692988	5354664	0.01	0.13	7	9	20	0.33	0.06	4.64	0.05	10.2	49.2
IGX043803	692988	5354663	0.03	0.23	6.2	8.2	20	0.27	0.06	4.35	0.07	8.15	45.9
IGX043804	692987	5354663	0.02	0.13	6.25	3.8	20	0.29	0.04	4.51	0.06	8.32	50.4
IGX043805	692987	5354662	0.01	0.09	6.97	2.8	20	0.34	0.03	5.01	0.06	9.11	53.4
IGX043806	692987	5354662	0.01	0.08	7.1	3.1	20	0.3	0.04	3.07	0.06	9.39	54.6
IGX043807	692986	5354661	0.05	0.05	6.77	2.1	30	0.36	0.03	3.1	0.06	7.82	53.7
IGX043808	692986	5354661	0.1	0.12	6.5	2.8	30	0.36	0.08	3.52	0.06	7.68	61.7
IGX043809	692985	5354660	0.01	0.02	6.59	1.4	20	0.32	0.07	4.16	0.04	8.06	53.9
IGX043811	692987	5354657	0.08	0.07	6.72	4.9	40	0.45	0.17	4.27	0.04	9.61	59.7
IGX043812	692986	5354657	0.31	0.18	6.15	5.8	50	0.43	0.2	4.41	0.05	10.1	46.9
IGX043813	692985	5354655	0.005	0.01	6.61	1.8	400	0.41	0.14	8.02	0.02	22.1	38.4
IGX043814	692984	5354655	0.005	0.02	6.46	2.4	400	0.36	0.22	5.92	0.02	19.9	43.4
IGX043815	692984	5354654	0.005	0.01	6.63	2.9	800	0.51	0.16	8.06	0.03	20.6	39.4
IGX043816	692984	5354654	0.005	0.03	7.38	2.7	740	0.5	0.09	6.23	0.03	16.7	42.8
IGX043817	692983	5354653	0.005	0.005	7.18	1.9	390	0.37	0.07	4.08	0.05	9	41.4
IGX043818	692983	5354653	0.005	0.01	6.51	0.8	350	0.28	0.05	6.57	0.03	7.33	31.9
IGX043819	692983	5354652	0.01	0.01	5.9	1	300	0.26	0.04	6.73	0.04	7.56	30.2
IGX043821	692983	5354651	0.005	0.01	6.85	1.2	470	0.5	0.04	5.24	0.03	6.7	36
IGX043822	692982	5354651	0.005	0.005	6.93	1.2	520	0.45	0.03	4.71	0.03	5.6	34.9
IGX043823	692982	5354650	0.005	0.005	6.52	1.6	370	0.44	0.05	4.1	0.03	5.84	33.8
IGX043824	693021	5354627	0.09	0.1	6.2	5.4	40	0.44	0.38	3.85	0.06	11.45	49.6
IGX043825	693021	5354627	0.04	0.05	6.84	3.5	40	0.43	0.24	4.23	0.06	11.15	36.6
IGX043826	693021	5354626	0.06	0.09	6.92	5.1	30	0.5	0.35	3.25	0.08	11.9	50.8
IGX043827	693020	5354626	0.11	0.16	5.93	3.7	50	0.34	0.41	1.51	0.06	8.74	40.3
IGX043828	693020	5354625	1.16	1.37	3.67	5.6	80	0.27	1	2.74	0.15	5.86	33

Sample ID	Easting (m)	Northing (m)	Cr (ppm)	Cs (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Ge (ppm)	Hf (ppm)	In (ppm)	K (%)	La (ppm)	Li (ppm)
IGX043101	693113	5354526	33	0.2	9.1	2.73	5.63	0.1	1.1	0.023	0.4	1.4	6.9
IGX043102	693113	5354526	29	0.2	5.7	2.98	4.93	0.08	0.6	0.018	0.35	1.2	7.6
IGX043103	693113	5354525	31	0.21	23.3	2.69	4.1	0.08	0.5	0.014	0.23	0.9	7
IGX043104	693112	5354527	40	0.18	13.2	3.8	5.99	0.09	0.8	0.019	0.33	1.7	8.4
IGX043105	693111	5354526	66	0.65	33.1	6.98	12.95	0.12	1.5	0.044	0.92	3.6	17.9
IGX043106	693111	5354526	103	1.56	15.4	10.45	20.9	0.16	2.7	0.059	1.81	10	26
IGX043107	693112	5354526	38	0.41	7.3	4.12	7.51	0.09	1.2	0.024	0.5	1.7	8.2
IGX043108	693115	5354530	45	1.63	12	5.35	15.55	0.12	2.5	0.047	1.79	5	10.6
IGX043109	693114	5354530	41	1.43	14.6	6.48	14.2	0.13	2.2	0.042	1.45	5.5	11.6
IGX043111	693113	5354529	51	1.04	2.9	4.05	15.1	0.12	2.7	0.044	1.08	8.7	13.4
IGX043112	693112	5354528	67	0.48	8	6.52	12	0.09	1.6	0.028	0.5	2.7	15.4
IGX043113	693112	5354528	41	0.26	16.2	3.99	7.6	0.08	1.1	0.023	0.37	1.8	9.7
IGX043114	693111	5354527	36	0.24	6.2	3.76	5.91	0.09	0.7	0.016	0.5	1.9	8.5
IGX043115	693111	5354527	42	0.39	21.7	4.32	6.83	0.09	0.8	0.026	0.65	1.4	8.8
IGX043116	693111	5354527	97	1.53	24.2	9.29	18.55	0.14	2.4	0.063	2.02	7.6	22.5
IGX043117	693110	5354526	97	1.02	70	9.5	17.65	0.15	2.7	0.063	1.71	10.2	23.8
IGX043118	693110	5354526	94	0.91	186.5	9.92	18.55	0.12	2.9	0.068	1.72	12.1	34
IGX043119	693109	5354525	107	0.86	64.3	10.55	19.9	0.13	3	0.064	1.44	10.9	37.4
IGX043121	693109	5354530	50	0.35	70	4.94	9.34	0.07	1.3	0.037	0.81	3.6	13.8
IGX043122	693109	5354529	82	0.52	156	8.32	15.55	0.1	2.1	0.066	1.68	5.4	21.9
IGX043123	693108	5354529	122	1.66	13	12.55	26.2	0.13	3.5	0.072	2.32	7.4	30.5
IGX043124	693108	5354529	105	1.16	11.2	10.65	20.9	0.13	2.9	0.062	2.07	11.5	29.3
IGX043125	693112	5354554	56	0.72	24.3	14.35	21.9	0.1	3.1	0.032	0.79	8	36.7
IGX043126	693112	5354553	43	0.17	123	19.75	16.35	0.11	2.8	0.028	0.09	6.9	34.7
IGX043127	693119	5354549	57	1.36	15.6	6.24	20.7	0.12	3.4	0.043	1.6	16.4	27
IGX043128	693119	5354549	56	1.19	25.5	7.32	20.2	0.12	3.6	0.036	1.31	17.4	28.7
IGX043129	693118	5354550	61	1.81	20.2	5.99	21.6	0.14	3.5	0.038	2.27	14.8	22
IGX043131	693118	5354550	64	2.29	24.8	5.95	22.6	0.15	3.8	0.042	2.74	16.2	23.7
IGX043132	693118	5354551	59	2.2	1.6	5.14	21.4	0.16	3.5	0.041	2.77	18.4	21.6
IGX043133	693117	5354551	49	0.95	21.3	12.8	17.1	0.11	2.9	0.027	0.97	12.7	33.9
IGX043134	693117	5354552	48	0.65	16.4	11.65	16.9	0.1	2.6	0.035	0.72	12.8	36.7
IGX043135	693116	5354553	57	1.36	1.9	9.13	19.2	0.12	3.4	0.042	1.58	12.2	34.7
IGX043136	693116	5354553	42	0.49	60.6	19.6	16.7	0.1	2.9	0.029	0.46	5.3	26.4
IGX043137	693116	5354554	58	1.56	3.3	7.48	20.4	0.14	3.5	0.039	1.82	17.5	25.3
IGX043138	693115	5354554	42	0.31	19.8	14.1	15.6	0.1	2.8	0.029	0.25	11.6	32
IGX043139	693115	5354555	51	0.62	48.6	14.25	17.55	0.1	2.9	0.033	0.56	12.6	31.6
IGX043141	693115	5354555	46	0.59	80.7	20.8	17	0.1	2.6	0.029	0.48	3.2	20.7

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IGX043142	693114	5354556	60	1.34	30.1	12.5	19.65	0.08	3.6	0.041	1.44	6.1	21.7
IGX043143	693114	5354556	50	0.55	53.1	15.95	16.75	0.1	3	0.028	0.48	9.6	23.3
IGX043144	693114	5354557	52	0.59	41.8	11.55	16.8	0.1	2.8	0.034	0.66	14.6	27.3
IGX043145	693113	5354557	50	0.57	7.7	9.13	16.45	0.11	3	0.03	0.64	16.6	26.3
IGX043146	693113	5354558	47	0.19	42.5	15.1	16.45	0.1	2.5	0.032	0.06	13.3	34.1
IGX043147	693113	5354558	55	0.75	10.2	9.96	17.45	0.1	3	0.034	0.83	14.7	26.3
IGX043148	693112	5354559	64	0.91	16	12.35	18.05	0.11	3	0.04	1.02	12.4	29.1
IGX043149	693112	5354559	67	1.05	25.3	14.15	17.8	0.1	2.8	0.038	0.94	10.5	32.2
IGX043151	693112	5354560	37	0.5	110.5	18.5	12.05	0.11	1.9	0.035	0.5	8.5	20
IGX043152	693111	5354561	48	0.59	30.1	13.15	17.05	0.09	3.2	0.036	0.67	14.1	27.1
IGX043153	693111	5354562	50	0.45	17	13.95	17.1	0.1	3.3	0.023	0.46	13.8	26.9
IGX043154	693111	5354562	54	0.71	11.3	14.2	18.7	0.15	3	0.029	0.75	10.5	28.9
IGX043155	693110	5354562	61	2	4	9.08	21.4	0.16	3.4	0.045	2.19	5.5	24.3
IGX043156	693110	5354563	493	0.36	4.9	10.05	15.35	0.16	3	0.034	0.25	24.8	28.9
IGX043157	693110	5354563	531	0.09	10.8	10.55	16.2	0.18	3.6	0.051	0.01	35.6	26.1
IGX043158	693109	5354564	61	0.12	33.4	16.05	17.55	0.13	3.1	0.055	0.03	10.8	31.4
IGX043159	693109	5354564	21	0.07	134.5	39.7	13.65	1.07	1.7	0.052	0.02	5.7	12
IGX043161	693109	5354565	3	0.025	170.5	44	3.17	0.49	0.8	0.033	0.01	1	0.4
IGX043162	693108	5354565	3	0.025	171	44.4	3.48	1.09	1	0.036	0.01	1.1	0.3
IGX043163	693108	5354565	4	0.025	169.5	46.3	2.45	1.09	0.9	0.031	0.01	1.2	0.4
IGX043164	693108	5354566	8	0.06	167	49.1	3.01	1.06	1	0.045	0.02	2	0.6
IGX043165	693107	5354566	111	0.16	13.6	18.3	19.4	0.13	2.3	0.082	0.01	4.2	29.5
IGX043166	693107	5354567	94	0.26	4.7	14.6	17.75	0.1	1.7	0.055	0.1	5.1	35.1
IGX043167	693107	5354567	15	1.27	6.3	9.41	20.4	0.09	2.2	0.058	1.32	10.7	26.8
IGX043168	693106	5354568	106	0.61	6	13.35	21.5	0.12	2	0.063	0.56	6.8	36.5
IGX043169	693106	5354568	114	1.43	77.6	10.05	20.9	0.14	1.8	0.102	1.67	5.6	23.6
IGX043171	693106	5354569	113	1.43	81.8	9.54	20.1	0.15	1.8	0.095	1.67	5.2	22.4
IGX043172	693122	5354555	36	0.34	79	25.3	13.35	0.16	2.4	0.025	0.3	8.3	22.8
IGX043173	693121	5354555	44	0.62	124	20.5	16.7	0.14	2.7	0.032	0.57	10.4	28.6
IGX043174	693122	5354563	47	0.33	58.7	16	16.9	0.12	2.7	0.031	0.22	13.6	32
IGX043175	693122	5354563	45	0.27	19.3	14.25	16.1	0.11	2.5	0.028	0.19	13.8	26.6
IGX043176	693123	5354564	52	1.19	23	11	18.3	0.13	3.2	0.035	1.25	16.6	21.6
IGX043177	693118	5354568	511	0.08	2.1	10.45	16.6	0.16	3.8	0.079	0.01	35.3	6.2
IGX043178	693118	5354569	21	0.08	173	49.9	5.82	0.91	0.7	0.043	0.02	5.3	0.4
IGX043179	693118	5354569	25	0.05	216	50	6.68	1.4	0.6	0.045	0.01	3.9	0.5
IGX043181	693117	5354569	15	0.025	211	50	4.82	1.07	0.5	0.026	0.02	1.9	0.5
IGX043182	693117	5354570	6	0.06	191.5	50	3.8	0.71	0.5	0.022	0.08	1.7	0.6

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IGX043183	693117	5354570	10	0.13	208	48.6	5.31	0.65	1	0.032	0.14	2.8	0.9
IGX043184	693116	5354571	15	0.19	218	46.8	7.03	0.52	1.5	0.048	0.22	2.4	1.4
IGX043185	693115	5354572	9	1.55	16	3.78	19.25	0.1	2.3	0.048	1.66	10.1	10.8
IGX043186	693115	5354572	111	0.59	48.1	10.05	21.5	0.12	1.9	0.079	0.51	5.9	29.8
IGX043187	693089	5354533	36	1.38	23.6	4.33	29.4	0.19	6.2	0.041	1.98	35.5	8.9
IGX043188	693089	5354533	2	1.69	9	2.54	33	0.19	6.5	0.034	2.37	33.2	3.5
IGX043189	693088	5354534	39	0.99	11.5	5.17	27	0.19	5.6	0.036	1.4	24.7	10.8
IGX043191	693098	5354547	51	1.28	26	8.74	15.95	0.06	2.6	0.041	1.79	14.1	24.8
IGX043192	693098	5354547	36	0.4	29.1	11.55	10.9	0.025	1.9	0.027	0.6	8.8	25.6
IGX043193	693097	5354546	54	1.21	18.6	8.2	17.85	0.09	3	0.044	1.56	16.3	27.2
IGX043194	693097	5354546	46	0.98	15	5.29	11.7	0.07	1.9	0.036	1.32	11	16.5
IGX043195	693096	5354546	41	0.87	34.2	7.22	13.5	0.09	2	0.039	1.06	11.1	22
IGX043196	693096	5354545	33	0.67	7.9	4.64	8.94	0.025	1.3	0.031	0.77	6	12.6
IGX043197	693096	5354545	40	0.71	11.2	5.32	9.84	0.025	1.3	0.034	0.97	5.5	13.6
IGX043198	693095	5354545	45	0.45	84.1	1.96	3.29	0.05	0.4	0.026	1.17	1.6	4
IGX043199	693094	5354544	59	0.58	412	5.89	10.8	0.08	1.1	0.061	1.85	3.7	13.6
IGX043201	693094	5354544	64	0.47	127.5	7.13	12.7	0.06	1.2	0.043	1.16	3.2	13.5
IGX043202	693094	5354544	32	0.16	8	3.48	6.48	0.025	0.6	0.025	0.32	1.9	8.3
IGX043203	693093	5354543	72	0.34	36.1	9.34	17.9	0.08	2	0.053	0.61	5.3	21.2
IGX043204	693093	5354543	87	0.29	29.6	8.83	17.4	0.11	2	0.051	0.59	5.3	19.5
IGX043205	693092	5354543	24	0.18	24.4	2.98	17.5	0.29	5.9	0.02	0.63	14.4	6.2
IGX043206	693091	5354542	126	0.18	34.1	9.43	20.7	0.14	2	0.045	0.4	4.6	22.8
IGX043207	693090	5354541	99	0.24	89.2	10.45	18.6	0.12	2	0.067	0.48	10	28.1
IGX043208	693094	5354556	16	0.07	87	9.83	4.37	0.025	0.3	0.027	0.03	0.25	3.7
IGX043209	693093	5354556	68	0.35	10.4	6.87	12.05	0.025	1.2	0.041	0.43	1.5	18.3
IGX043211	693093	5354556	99	0.9	9.7	9.85	19.05	0.11	2.4	0.07	1.23	3.6	26.9
IGX043212	693092	5354557	78	0.4	10	6.58	11.15	0.025	1.3	0.031	0.54	2.2	20.2
IGX043213	693092	5354557	71	0.91	25.1	7.26	14.65	0.025	1.8	0.052	1.24	4.3	21.8
IGX043214	693092	5354558	13	0.96	6.5	3.55	12.4	0.07	1.4	0.029	1.29	7.9	9.6
IGX043215	693095	5354562	110	1.26	95.6	8.16	17.05	0.025	1.7	0.085	1.71	4.3	38.2
IGX043216	693094	5354562	113	1.56	95.7	7.76	18.65	0.025	1.5	0.098	1.83	4.2	35.7
IGX043217	693094	5354562	89	0.48	109.5	8.27	15	0.025	1.4	0.061	0.48	3.6	38
IGX043218	693093	5354563	102	0.2	74.8	10.1	17.25	0.08	1.2	0.06	0.11	4.2	44.6
IGX043219	693093	5354564	101	0.66	97.5	7.66	17.05	0.07	0.9	0.087	0.71	4.5	25.6
IGX043221	693093	5354564	105	0.28	67.8	8.19	15.45	0.08	0.5	0.049	0.22	5.6	25.8
IGX043222	693087	5354563	120	0.19	89.4	10.45	18.05	0.08	0.4	0.061	0.08	5.6	34.2
IGX043223	693087	5354564	106	0.17	108	8.48	15.45	0.06	0.3	0.064	0.09	4.5	27.5

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IGX043224	693086	5354564	128	0.31	98.2	9.55	18.5	0.06	0.8	0.104	0.39	5.3	30.6
IGX043225	693088	5354565	128	0.33	110	9.51	18.4	0.06	0.8	0.105	0.35	5.3	29.8
IGX043226	693087	5354566	108	0.18	113	9.27	18.4	0.08	0.9	0.105	0.08	6.3	28.3
IGX043227	693087	5354567	119	0.25	106	9.23	19.1	0.07	0.9	0.11	0.21	5.7	27.7
IGX043228	693086	5354567	121	0.13	95.2	8.84	18.7	0.06	1.1	0.075	0.03	5.3	30.2
IGX043229	693086	5354568	117	0.18	120	9.2	18.65	0.07	0.5	0.105	0.08	5.2	30.9
IGX043231	693085	5354568	123	0.16	119.5	9.59	18.15	0.06	0.6	0.09	0.08	5.3	29.6
IGX043232	693084	5354569	108	0.29	115.5	9.35	18.8	0.07	0.4	0.096	0.27	5.8	27.6
IGX043233	693084	5354570	103	0.5	122	8.23	16.3	0.05	0.5	0.094	0.56	4.6	24.3
IGX043234	693083	5354570	103	0.18	91.2	9.23	17.15	0.06	0.7	0.078	0.09	5	29.2
IGX043235	693083	5354571	112	0.26	90.7	9.84	17.7	0.07	0.9	0.09	0.17	4.9	29.8
IGX043236	693082	5354572	105	0.26	84.1	9.78	17.1	0.05	0.9	0.072	0.19	5.3	29.3
IGX043237	693081	5354572	114	1	117.5	8.95	17.35	0.06	1	0.099	1.09	5.1	19.6
IGX043238	693081	5354573	125	1.59	120	10.65	19.2	0.06	1.4	0.156	1.58	6.6	25
IGX043239	693081	5354573	67	0.76	378	11.6	17.5	0.05	1.7	0.559	0.77	7.2	18.4
IGX043241	693080	5354574	7	0.94	6	1.61	14.85	0.08	2.4	0.07	1.3	26.6	4.7
IGX043242	693089	5354566	119	0.4	141	8.68	16.25	0.06	0.5	0.085	0.41	4.3	25.3
IGX043243	693088	5354566	96	0.24	78.2	8	13.05	0.05	0.4	0.056	0.21	4.1	20.5
IGX043244	693083	5354569	87	0.18	209	6.91	12.6	0.05	0.4	0.049	0.15	3.8	18.8
IGX043245	693086	5354571	78	0.16	77.8	6.36	11.9	0.08	0.6	0.052	0.13	3	19.8
IGX043246	693085	5354575	11	0.85	15	1.93	14.85	0.09	2.4	0.08	1.33	21.8	5.1
IGX043247	693085	5354575	224	1.19	14.6	5	17.1	0.14	2.4	0.08	1.16	24.3	37.3
IGX043248	693085	5354576	86	0.94	17.2	2.68	17.1	0.11	2.4	0.048	0.98	22	16.4
IGX043249	693084	5354576	279	1.41	28.2	5.26	16.25	0.12	2.2	0.069	1.63	20.2	44.3
IGX043251	693087	5354559	112	0.33	86.7	8.75	15.8	0.12	0.7	0.043	0.57	4.9	22.5
IGX043252	693086	5354558	45	0.19	1220	2.47	3.69	0.08	0.4	0.068	0.59	1.1	5.2
IGX043253	693086	5354558	61	0.56	203	3.08	6.22	0.08	1.2	0.046	1.35	3.8	6.1
IGX043254	693085	5354557	77	0.64	85.1	5.11	9.85	0.11	1.6	0.053	2.65	7.6	11.4
IGX043255	693085	5354557	53	0.33	232	2.75	4.84	0.08	0.8	0.033	1.75	2.6	5.4
IGX043256	693084	5354556	27	0.08	107.5	1.4	2.17	0.06	0.1	0.017	0.41	0.6	2.4
IGX043257	693084	5354556	31	0.09	188.5	0.93	1.23	0.05	0.1	0.009	0.44	0.5	2.1
IGX043258	693083	5354555	44	0.15	16.8	8.31	16	0.11	1.3	0.028	0.5	2.8	20.9
IGX043259	693083	5354554	52	0.19	84.1	7.84	14.85	0.1	1.7	0.032	0.53	2.9	18.6
IGX043261	693082	5354554	100	0.28	78.3	15.05	19.7	0.16	1.7	0.057	0.29	6	31.6
IGX043262	693083	5354561	70	0.24	744	5.06	8.79	0.08	1	0.076	0.43	2.6	11.6
IGX043263	693082	5354560	50	0.33	1960	2.47	3.72	0.09	0.6	0.142	1.72	1.9	3.5
IGX043264	693082	5354559	73	0.17	342	1.72	3.13	0.07	0.4	0.041	0.94	1.1	3.4

Sample ID	Easting (m)	Northing (m)	Cr (ppm)	Cs (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Ge (ppm)	Hf (ppm)	In (ppm)	K (%)	La (ppm)	Li (ppm)
IGX043265	693081	5354558	24	0.1	13.2	1.3	2.08	0.07	0.2	0.012	0.45	0.9	2.8
IGX043266	693080	5354563	63	0.32	1750	4.59	7.52	0.08	0.6	0.264	0.7	2.1	10.2
IGX043267	693079	5354563	43	0.3	2480	2.97	4.68	0.08	0.4	0.196	0.91	1.9	6.6
IGX043268	693079	5354563	41	0.26	1390	2.55	4.24	0.07	0.6	0.114	1.26	2.6	4.6
IGX043269	693078	5354562	35	0.1	777	1.38	1.91	0.06	0.2	0.045	0.59	0.9	2.7
IGX043271	693078	5354562	23	0.09	119.5	0.99	1.28	0.05	0.1	0.012	0.5	0.5	2.6
IGX043272	693081	5354568	138	0.23	108.5	7.99	16.05	0.08	0.7	0.072	0.16	3.6	21.2
IGX043273	693080	5354568	118	0.18	131.5	9.83	19.4	0.08	1	0.082	0.08	4.9	25.9
IGX043274	693080	5354568	120	0.23	167	9.43	17.5	0.08	1.1	0.08	0.16	3.8	24.5
IGX043275	693080	5354567	123	0.3	144.5	9.24	17.85	0.08	0.8	0.067	0.23	3.7	25.1
IGX043276	693079	5354567	126	0.81	114	9.51	21.5	0.09	1.3	0.093	0.85	5.8	27.1
IGX043277	693079	5354567	120	0.67	81.5	9	17.55	0.08	0.8	0.072	0.87	4.1	25.1
IGX043278	693078	5354566	111	0.5	128	9.26	16.55	0.08	1	0.066	0.8	3.9	24.4
IGX043279	693078	5354566	71	0.38	570	5.6	9.9	0.07	1.1	0.134	0.72	3.9	13
IGX043281	693077	5354565	45	0.26	2590	2.66	3.8	0.025	0.5	0.162	0.9	1.9	5
IGX043282	693077	5354564	39	0.15	887	2.29	3.61	0.025	0.5	0.058	0.57	1.8	5.5
IGX043283	693076	5354564	28	0.11	264	1.4	1.97	0.025	0.3	0.018	0.67	1.1	3.5
IGX043284	693075	5354561	98	0.39	77.2	10.9	17.25	0.1	2.7	0.067	0.39	10.7	27.3
IGX043285	693075	5354560	92	0.26	341	10.25	17.75	0.09	2.4	0.079	0.52	10.8	23.4
IGX043286	693073	5354559	104	0.27	119	9.57	19.55	0.09	2	0.074	0.43	14	18.7
IGX043287	693072	5354558	104	0.29	115.5	9.84	18.95	0.09	2.2	0.072	0.42	11.4	18.6
IGX043288	693076	5354565	56	0.23	1240	4.74	8.33	0.05	0.8	0.107	0.57	1.9	10
IGX043289	693076	5354565	42	0.19	2200	2.26	2.8	0.025	0.4	0.203	0.65	1.5	3.3
IGX043291	693075	5354564	36	0.35	481	2.19	4.13	0.025	0.7	0.063	0.88	2.4	4.6
IGX043292	693075	5354564	26	0.14	301	1.02	1.44	0.025	0.3	0.02	0.47	0.7	1.9
IGX043293	693075	5354563	26	0.09	551	0.58	0.67	0.025	0.1	0.017	0.5	0.25	1
IGX043294	693075	5354568	108	0.34	70.9	9.77	18.15	0.08	0.6	0.06	0.33	4.3	25.5
IGX043295	693075	5354567	87	0.25	45.7	6.93	13.2	0.05	0.6	0.041	0.26	3.5	16.8
IGX043296	693074	5354567	88	0.17	68.5	6.99	14.55	0.06	0.8	0.085	0.09	3	16.6
IGX043297	693074	5354566	33	0.14	2090	2.15	3.31	0.025	0.4	0.145	0.55	2.4	3.8
IGX043298	693073	5354566	40	0.26	1435	2.58	4.15	0.025	0.6	0.107	0.87	2	4.3
IGX043299	693073	5354566	42	0.23	500	2.36	3.79	0.025	0.5	0.042	0.92	1.8	4.2
IGX043301	693073	5354565	41	0.14	233	2.94	4.61	0.025	0.6	0.033	0.58	2.7	6.4
IGX043302	693079	5354579	53	0.07	73.5	11.45	18.55	0.06	0.7	0.09	0.01	4.2	24.1
IGX043303	693078	5354580	51	0.09	79.5	11.45	19.6	0.08	0.5	0.097	0.01	4.4	28.5
IGX043304	693078	5354580	51	0.1	64.8	10.65	15.95	0.06	0.5	0.051	0.06	3.2	26.5
IGX043305	693077	5354581	49	0.11	70.5	10.9	19.65	0.08	0.5	0.092	0.06	4.5	28.3

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IGX043306	693077	5354581	50	0.1	74.5	11	20.3	0.08	0.4	0.099	0.03	4.2	28.1
IGX043307	693076	5354582	42	0.11	80.6	11	19.8	0.08	0.4	0.098	0.02	4.5	23.1
IGX043308	693076	5354582	42	0.11	89.6	10.1	16.05	0.07	0.4	0.052	0.01	3.4	27.4
IGX043309	693075	5354583	52	0.12	70.9	11.15	18.15	0.08	0.4	0.062	0.01	4.3	29.3
IGX043311	693074	5354584	56	0.2	85.4	11.15	18.75	0.08	0.6	0.086	0.02	4.5	28.6
IGX043312	693074	5354584	52	0.15	96.5	11.25	19.5	0.08	0.5	0.096	0.02	4.5	26.7
IGX043313	693073	5354585	55	0.19	79	10.85	19.75	0.08	0.4	0.102	0.09	4.2	25.4
IGX043314	693073	5354585	57	0.16	112	10.9	21.9	0.07	0.3	0.095	0.03	4.1	24.6
IGX043315	693072	5354586	48	0.14	37.6	11.15	19.75	0.07	0.4	0.089	0.01	4	25.1
IGX043316	693072	5354587	50	0.12	37.8	10.85	21.4	0.05	0.6	0.089	0.02	4.6	26.6
IGX043317	693071	5354587	46	0.16	39	10.1	19.25	0.07	0.8	0.09	0.01	5	25.9
IGX043318	693071	5354588	54	0.16	99.7	10.45	20.6	0.07	0.7	0.07	0.01	3.9	29.1
IGX043319	693070	5354588	53	0.2	91.7	10.55	21.3	0.06	0.7	0.071	0.01	4.3	26
IGX043321	693070	5354589	48	0.17	83.6	10.2	20	0.06	0.7	0.083	0.01	4.9	21.5
IGX043322	693069	5354589	49	0.23	86.9	10.65	20.8	0.07	0.9	0.088	0.01	4.9	21.2
IGX043323	693076	5354585	47	0.12	67.1	8.21	13.8	0.05	0.3	0.062	0.01	4.3	24.9
IGX043324	693070	5354586	52	0.16	55.1	10.8	19.9	0.07	0.3	0.064	0.01	4.3	30.2
IGX043325	693069	5354586	52	0.14	68.5	10.6	19.4	0.07	0.5	0.083	0.01	4.4	32.6
IGX043326	693069	5354586	49	0.14	89	10.2	17.3	0.06	0.2	0.071	0.01	4.1	30.6
IGX043327	693069	5354586	55	0.13	61.9	11.45	20.4	0.06	0.4	0.083	0.01	4.1	36.9
IGX043328	693068	5354586	51	0.15	47.7	10.35	18.35	0.06	0.3	0.072	0.02	4.2	35.7
IGX043329	693068	5354585	44	0.14	14.8	10.4	18.1	0.06	0.4	0.069	0.01	4.1	35.2
IGX043331	693068	5354585	49	0.18	62	10.5	18.75	0.08	0.5	0.07	0.02	8.8	37.9
IGX043332	693067	5354585	52	0.19	27.8	10.1	17.1	0.06	0.3	0.066	0.02	3.5	34.2
IGX043333	693073	5354571	11	0.83	2.9	1.35	10.45	0.06	1.8	0.043	1.28	13.3	3.3
IGX043334	693072	5354570	13	0.15	253	11.9	5.95	0.08	0.4	0.111	0.34	2.2	3.5
IGX043335	693072	5354570	31	0.28	321	9.71	8.61	0.07	0.6	0.069	0.45	2.3	7.8
IGX043336	693071	5354569	66	0.24	202	5.87	10.65	0.05	1.3	0.052	0.66	4	12.8
IGX043337	693071	5354569	34	0.18	1550	1.74	2.53	0.025	0.4	0.088	1.23	1.9	2.2
IGX043338	693070	5354568	31	0.1	2140	1.15	1.42	0.025	0.2	0.115	0.65	1.1	1.4
IGX043339	693070	5354568	37	0.12	657	1.85	2.83	0.025	0.4	0.044	0.54	1.7	3.7
IGX043341	693071	5354573	325	1.36	26	6.27	18.55	0.09	2.6	0.091	1.27	20.6	30.5
IGX043342	693070	5354573	56	0.12	37.5	2.82	4.21	0.025	0.4	0.024	0.15	1.6	7.4
IGX043343	693070	5354572	29	0.92	117	5.24	12.6	0.06	1.8	0.119	1.06	7	9.9
IGX043344	693069	5354572	43	0.17	551	3.38	5.33	0.025	0.6	0.049	0.53	3	6.1
IGX043345	693068	5354571	37	0.14	1045	2.59	4.12	0.025	0.5	0.082	0.59	1.9	5.2
IGX043346	693068	5354576	38	0.26	28	7.63	14.15	0.05	0.5	0.043	0.4	2.9	19.4

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IGX043347	693067	5354575	28	0.23	1815	4.17	7.27	0.025	0.4	0.092	0.59	1.1	8.6
IGX043348	693067	5354575	114	0.24	229	6.74	10.55	0.08	1	0.052	0.31	10.3	13.3
IGX043349	693070	5354579	63	0.41	83.1	9.81	18.15	0.07	0.6	0.08	0.42	6.6	28.6
IGX043351	693041	5354624	54	0.1	249	10.35	20.3	0.08	1	0.098	0.02	5.2	21.8
IGX043352	693041	5354625	54	0.1	93.5	10.9	17.2	0.07	1	0.069	0.02	3.8	18.5
IGX043353	693041	5354625	51	0.13	117	10.5	18.95	0.07	0.9	0.085	0.02	4.5	22.2
IGX043354	693041	5354626	57	0.13	82.3	10.85	17.65	0.07	0.9	0.074	0.03	3.7	20.8
IGX043355	693040	5354626	54	0.12	78.9	10.8	19.85	0.08	0.9	0.076	0.02	4.6	24
IGX043356	693037	5354625	52	0.15	95.3	11.05	19.35	0.09	0.8	0.084	0.02	5.5	23.7
IGX043357	693037	5354625	56	0.16	80.6	11.45	20.3	0.08	0.8	0.084	0.02	6	24.9
IGX043358	693036	5354624	49	0.16	130	10.25	19.45	0.06	0.7	0.075	0.03	5.2	22.9
IGX043359	693031	5354636	36	0.3	32	5.47	18.9	0.1	2.5	0.04	0.11	14.2	16.5
IGX043361	693031	5354636	19	1.34	7.8	3.2	20.7	0.1	3.4	0.027	1.31	17.4	11
IGX043362	693030	5354637	17	1.93	33	3.04	20.1	0.1	3.4	0.025	1.83	17.3	11.2
IGX043363	693030	5354637	16	1.66	67.6	2.98	20.5	0.11	3.4	0.031	1.56	17.4	11.6
IGX043364	693030	5354638	17	0.63	7.1	2.99	17.65	0.1	3.3	0.024	0.74	16.2	10.8
IGX043365	693030	5354639	44	0.47	52.9	6.48	20.2	0.1	2.6	0.053	0.24	9	19
IGX043366	693040	5354606	40	0.16	2890	3.92	7.28	0.06	0.9	0.211	0.37	2.9	7.4
IGX043367	693039	5354606	24	0.15	1310	1.36	2.1	0.025	0.3	0.096	0.81	1.6	2.5
IGX043368	693039	5354606	52	0.22	536	4.35	7.42	0.05	0.9	0.069	0.97	4.6	10.2
IGX043369	693039	5354609	56	0.33	55	7.5	14.9	0.07	1.6	0.058	0.54	6	15.8
IGX043371	693039	5354608	24	0.12	3600	2.15	3.17	0.025	0.4	0.233	0.49	2.4	3.3
IGX043372	693038	5354608	36	0.27	1580	2.02	4.24	0.13	0.8	0.12	2.47	4.8	4
IGX043373	693038	5354608	45	0.14	563	3.18	5.61	0.09	0.8	0.058	0.96	3	8.3
IGX043374	693038	5354611	38	0.18	93.2	7.84	15.95	0.11	1.7	0.045	0.38	5.9	19.6
IGX043375	693038	5354610	9	0.29	55	3.5	13.85	0.16	2.3	0.027	1.23	13.4	8.9
IGX043376	693037	5354610	85	0.26	177.5	8.55	17.65	0.13	2.2	0.072	1.2	7.2	22.1
IGX043377	693037	5354610	36	0.14	3380	2.83	4.65	0.07	0.6	0.232	0.68	2.6	6.1
IGX043378	693037	5354610	26	0.12	5850	2.06	2.33	0.07	0.2	0.384	0.7	2.1	3.1
IGX043379	693038	5354614	36	1.34	73	6.81	17.55	0.13	2.2	0.086	2.4	7.2	14.6
IGX043381	693038	5354613	54	1.15	84.6	9.98	18.9	0.11	1.8	0.096	1.87	5	17
IGX043382	693037	5354613	60	1.27	152.5	9.5	20.2	0.11	1.9	0.122	2.1	4.1	21
IGX043383	693037	5354612	55	1.03	139.5	10.2	19.25	0.1	1.8	0.095	1.82	4	24.1
IGX043384	693036	5354612	54	0.92	113	9.91	19.4	0.1	2	0.084	2.42	3.6	24.6
IGX043385	693036	5354611	57	0.62	64.7	10.8	19.65	0.1	1.5	0.071	1.25	3.4	26.1
IGX043386	693035	5354611	40	0.18	1490	4.4	8.12	0.07	0.9	0.163	0.8	3.3	10.1
IGX043387	693035	5354610	48	0.22	366	3.95	7.6	0.08	1	0.054	0.87	3.7	10.5

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IGX043388	693022	5354631	52	0.24	74.5	11.05	17.35	0.1	0.6	0.073	0.04	3.2	27.4
IGX043389	693023	5354631	54	0.31	50.2	10.35	17.1	0.09	0.7	0.073	0.06	3.7	25.7
IGX043391	693023	5354630	48	0.25	23.4	9.1	14.05	0.09	0.5	0.056	0.04	3.1	21
IGX043392	693023	5354630	57	0.31	43.4	11.15	18.8	0.1	0.5	0.082	0.04	4.1	26.2
IGX043393	693023	5354629	53	0.23	52.5	10.6	17.9	0.1	0.6	0.085	0.04	4	24.3
IGX043394	693023	5354629	55	0.27	62	11.1	18.65	0.11	0.6	0.082	0.07	4.1	24.8
IGX043395	693034	5354619	53	0.21	73.1	9.92	17.15	0.09	1.3	0.066	0.11	3.1	20.4
IGX043396	693034	5354619	49	0.25	84.8	10.3	17.7	0.09	1.1	0.075	0.05	4	20.8
IGX043397	693034	5354618	56	0.33	87.6	11.3	19.6	0.09	1.3	0.088	0.06	3.9	24
IGX043398	693034	5354617	57	0.37	111.5	11.1	19.4	0.09	1.6	0.082	0.06	4.3	24.6
IGX043399	693030	5354618	53	0.29	141.5	10.1	16.65	0.09	1.5	0.075	0.07	3.9	21.8
IGX043401	693076	5354598	46	0.64	161.5	18.35	15.9	0.1	1.5	0.333	0.16	4.9	9.4
IGX043402	693072	5354596	30	1.02	99.4	8.15	9.63	0.07	0.9	0.155	0.53	2.7	7.2
IGX043403	693072	5354596	34	0.62	184	14.2	12.75	0.08	1.3	0.241	0.04	3.6	3.1
IGX043404	693068	5354594	68	0.99	60.6	10.45	20.7	0.09	2.1	0.104	1.19	4.8	28.5
IGX043405	693068	5354594	52	0.65	76.2	12.7	19.15	0.09	1.9	0.118	0.75	4.7	24.7
IGX043406	693068	5354595	48	0.62	143	12.05	18.1	0.09	1.7	0.127	0.71	4	21
IGX043407	693068	5354596	46	0.73	101	12.15	18.6	0.1	1.6	0.28	0.63	3.9	18.2
IGX043408	693067	5354596	36	1.33	246	13.6	12.5	0.06	1.5	0.384	0.4	6	11.9
IGX043409	693067	5354596	29	1.77	794	14.75	13.3	0.05	1.3	0.311	0.13	4.2	6.3
IGX043411	693067	5354597	36	0.61	344	14.95	14.95	0.12	1.5	0.214	0.09	4.3	12.2
IGX043412	693068	5354599	35	0.5	586	12.55	13.45	0.11	1.3	0.285	0.06	4.4	12
IGX043413	693061	5354593	48	0.33	20.9	6.26	10.1	0.08	0.8	0.083	0.2	1.9	18.4
IGX043414	693061	5354593	29	0.12	42.6	3.41	3.66	0.05	0.2	0.062	0.06	1	5.9
IGX043415	693061	5354594	18	0.29	91	3.18	4.48	0.07	0.4	0.15	0.13	1.8	4.6
IGX043416	693061	5354594	140	1.15	10.8	10.7	20.6	0.13	2.4	0.227	0.92	15.8	26.9
IGX043417	693062	5354612	6	1.01	5.3	2.87	20.4	0.17	2.1	0.034	1.18	13.6	13.1
IGX043418	693062	5354613	6	1.05	3.2	2.95	20.3	0.22	2.1	0.039	1.4	13.2	13.7
IGX043419	693062	5354613	6	1.23	8.8	2.95	19.8	0.23	2.1	0.045	1.55	13.9	13.3
IGX043421	693062	5354614	8	0.99	8.4	3.28	20.4	0.17	2	0.043	1.36	13.9	14.6
IGX043422	693059	5354613	44	0.46	82.8	10.65	20.7	0.11	2.2	0.102	0.72	4.8	33.5
IGX043423	693059	5354614	31	0.43	98.5	11.5	21.7	0.08	2.5	0.099	0.44	5.7	34.1
IGX043424	693058	5354614	22	0.29	109.5	12.05	20.1	0.08	2.6	0.102	0.4	5.4	33.3
IGX043425	693058	5354614	59	0.52	56.6	13.65	27.2	0.1	2.2	0.138	0.99	1.9	36
IGX043426	693058	5354615	60	0.73	51.4	12.45	25.5	0.09	2.7	0.144	1.13	5.8	25.6
IGX043427	693057	5354615	44	0.32	178.5	14.1	22.5	0.09	2	0.197	0.3	4.6	15.6
IGX043428	693057	5354616	13	0.45	182	9.14	21.9	0.1	2.1	1.005	0.54	10	7.1

Sample ID	Easting (m)	Northing (m)	Cr (ppm)	Cs (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Ge (ppm)	Hf (ppm)	In (ppm)	K (%)	La (ppm)	Li (ppm)
IGX043429	693057	5354616	5	1.03	16.4	3.32	21.9	0.19	2.3	0.038	1.37	14.3	10.2
IGX043431	693057	5354617	27	0.86	58.3	6.43	18.95	0.17	2.1	0.063	1.18	9.8	17.5
IGX043432	693050	5354608	22	0.44	45	5.9	20.9	0.15	1.7	0.048	0.32	8.4	19.7
IGX043433	693050	5354609	6	1.2	2.8	2.96	21.3	0.18	2.1	0.038	1.35	12.6	11.6
IGX043434	693050	5354610	6	1.18	5.2	2.74	20.3	0.2	2.1	0.041	1.45	12.3	10.8
IGX043435	693050	5354610	33	0.75	51.7	7.03	21.3	0.19	2.1	0.075	0.97	8.9	20.7
IGX043436	693055	5354615	37	0.47	244	8.49	16.6	0.12	1.6	0.986	0.56	4.3	9.6
IGX043437	693055	5354615	13	0.45	387	10.05	23.9	0.14	2.2	1.49	0.49	8.4	7.1
IGX043438	693047	5354612	48	0.71	179	11.4	22.7	0.09	2.1	0.175	0.8	5.2	29.5
IGX043439	693047	5354612	5	1.06	9.4	3.87	23.1	0.18	2.5	0.067	1.67	14.5	10.2
IGX043441	693047	5354613	5	0.84	16.4	3.1	20.8	0.22	2.4	0.056	1.18	15.5	10.1
IGX043442	693047	5354613	41	1.04	53.6	8.2	21.6	0.14	1.8	0.124	1.48	7.3	18.5
IGX043443	693046	5354614	47	0.9	91.9	9.31	18.7	0.13	1.8	0.096	1.36	4.8	19.4
IGX043444	693046	5354614	58	1.18	116	10.6	22.4	0.1	1.9	0.119	1.56	5.8	22.1
IGX043445	693042	5354620	50	0.22	98.9	10.6	19.25	0.11	1.8	0.081	0.02	3.7	27.9
IGX043446	693042	5354620	50	0.19	89.4	10.25	18.4	0.13	1.8	0.076	0.02	3.9	24.7
IGX043447	693042	5354621	51	0.19	74.9	10.4	19.2	0.13	1.8	0.079	0.02	3.8	23.6
IGX043448	693042	5354621	51	0.14	79.7	9.87	18.4	0.11	1.5	0.076	0.01	3.9	22.1
IGX043449	693042	5354622	57	0.11	82.4	10.9	20.7	0.12	1.4	0.086	0.02	4.1	24.6
IGX043451	693070	5354579	49	0.22	62.5	11.85	22	0.12	0.9	0.123	0.24	5.3	32
IGX043452	693069	5354578	47	0.38	859	11.3	19.8	0.12	0.6	0.118	0.73	5.2	30.3
IGX043453	693069	5354578	46	0.58	37.2	12	20.7	0.14	1.4	0.104	0.83	6.6	33.3
IGX043454	693068	5354578	44	0.54	92.2	10.7	18.05	0.11	0.7	0.098	0.66	5	28.2
IGX043455	693068	5354577	46	0.56	26	11.15	18.9	0.12	0.8	0.092	0.63	4.4	29.2
IGX043456	693068	5354577	38	0.41	509	8.69	15.05	0.1	0.6	0.076	0.49	2.8	23.8
IGX043457	693067	5354577	39	0.4	359	8.23	14.2	0.025	0.4	0.062	0.3	3.3	20.6
IGX043458	693067	5354576	33	0.3	376	6.48	11.1	0.025	0.5	0.053	0.43	2.4	15.4
IGX043459	693066	5354576	40	0.37	21.1	3.3	6.09	0.025	0.9	0.02	0.55	2.6	6.7
IGX043461	693066	5354575	35	0.18	1530	2.13	3.62	0.025	0.6	0.1	1	2.4	3.5
IGX043462	693065	5354575	29	0.14	176.5	4.43	4.12	0.025	0.7	0.031	0.82	0.6	3.1
IGX043463	693064	5354574	35	0.15	5940	2.76	2.65	0.025	0.4	0.391	0.79	1.6	2.6
IGX043464	693063	5354574	42	0.25	846	3.49	5.72	0.025	0.7	0.072	1.61	2	4
IGX043465	693063	5354573	43	0.2	1395	2.28	3.12	0.025	0.6	0.108	1.11	1.7	2.5
IGX043466	693065	5354574	35	0.15	1005	1.44	2.34	0.025	0.4	0.082	0.95	1.9	2.3
IGX043467	693067	5354572	58	0.2	130	4.65	8.85	0.025	1.3	0.031	0.81	3.5	11.8
IGX043468	693067	5354571	45	0.17	352	3.87	6.74	0.025	0.9	0.053	0.67	3.2	9.9
IGX043469	693065	5354569	95	0.3	150.5	10.1	18.7	0.07	2	0.074	0.53	11.5	21.5

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IGX043471	693064	5354569	98	0.6	84.2	10.3	18.9	0.09	1.9	0.074	0.59	10.1	24
IGX043472	693063	5354569	113	0.76	78.4	9.79	17.7	0.09	1.8	0.11	0.75	10.2	22.6
IGX043473	693063	5354573	93	0.24	143.5	9.24	20.1	0.06	1.8	0.093	0.29	12.5	23.4
IGX043474	693062	5354573	95	0.22	134.5	9.63	17.5	0.07	2.1	0.073	0.28	10.2	25.6
IGX043475	693062	5354573	87	0.25	153	8.94	15.55	0.07	2.6	0.07	0.5	11.6	24.8
IGX043476	693061	5354572	92	0.2	98.7	9.82	20	0.07	1.9	0.075	0.28	10.6	23.7
IGX043477	693061	5354572	97	0.28	122.5	10.2	18.7	0.07	2.1	0.084	0.48	10.5	25.3
IGX043478	693061	5354572	104	0.31	94.4	9.93	17.5	0.08	1.9	0.069	0.42	9.1	22.7
IGX043479	693060	5354571	116	0.34	87.5	9.43	18	0.1	1.7	0.074	0.52	9.4	24.8
IGX043481	693069	5354581	49	0.36	20.5	10.6	18.05	0.025	0.4	0.084	0.22	3.9	32.6
IGX043482	693054	5354580	89	0.15	95.5	8.8	20.1	0.08	1.9	0.083	0.22	11.5	20.2
IGX043483	693054	5354580	98	0.21	103.5	9.63	17.5	0.08	2.6	0.083	0.14	10.1	26
IGX043484	693054	5354579	101	0.26	113.5	9.63	17	0.08	2.1	0.079	0.3	11.2	25
IGX043485	693053	5354579	95	0.3	107.5	9.21	18.5	0.1	1.8	0.08	0.29	10.2	23.7
IGX043486	693053	5354578	104	0.22	130.5	9.52	17.65	0.08	2.2	0.073	0.12	10.8	27.4
IGX043487	693052	5354578	94	0.19	118	9.69	18.5	0.1	2.2	0.075	0.09	11.3	27.7
IGX043488	693051	5354577	92	0.16	81.1	9.71	17.6	0.08	2.7	0.069	0.11	11.9	27.4
IGX043489	693065	5354578	38	0.19	141	2.78	5.03	0.025	0.8	0.048	0.74	3.1	5.7
IGX043491	693064	5354577	30	0.2	2580	1.35	2.08	0.025	0.4	0.173	1.25	2	1.8
IGX043492	693063	5354580	42	0.56	46.6	8.33	16.1	0.05	1	0.072	0.67	3.7	20.8
IGX043493	693063	5354579	33	0.32	793	3.92	6.88	0.06	0.6	0.077	0.31	1.7	8.6
IGX043494	693062	5354579	39	0.3	1260	2.26	4.22	0.09	0.7	0.097	1.05	2.5	4
IGX043495	693061	5354580	43	0.22	1485	2.37	4.58	0.07	0.7	0.159	0.64	2	4.8
IGX043496	693061	5354582	52	0.36	137	7.72	14.3	0.08	0.7	0.066	0.33	3.2	18.9
IGX043497	693060	5354582	47	0.39	332	3.02	6.17	0.08	0.9	0.056	0.79	3.7	6.8
IGX043498	693059	5354581	26	0.16	1815	1.09	1.7	0.07	0.2	0.157	0.89	0.9	1.5
IGX043499	693059	5354581	33	0.2	3040	2.06	3.51	0.06	0.7	0.23	1.04	2.3	3.2
IGX043501	693062	5354587	53	0.23	121.5	9.19	18.15	0.08	0.6	0.064	0.1	4.4	20.7
IGX043502	693062	5354587	36	0.19	69.6	9.71	17.45	0.07	0.9	0.059	0.04	3.3	22.3
IGX043503	693062	5354587	56	0.25	31	11.55	20.5	0.08	0.5	0.077	0.06	4.2	26
IGX043504	693061	5354586	51	0.24	63.2	10.75	18.85	0.07	0.6	0.085	0.09	3.3	25
IGX043505	693061	5354586	51	0.27	44.2	10.55	18.95	0.07	0.3	0.085	0.11	3.2	22.8
IGX043506	693060	5354585	55	0.34	54.7	11.2	20.1	0.07	0.3	0.085	0.2	2.9	25.7
IGX043507	693060	5354585	41	0.2	8.3	9.37	16.25	0.06	0.3	0.06	0.11	2.6	20.4
IGX043508	693060	5354585	47	0.39	165	8.94	16.8	0.07	0.4	0.081	0.31	3.2	19.5
IGX043509	693059	5354585	37	0.31	9.3	6.96	12.7	0.06	0.5	0.048	0.15	2.7	15
IGX043510	693059	5354584	48	0.42	12.4	8.76	16.55	0.05	0.6	0.072	0.27	3	20.9

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IGX043511	693059	5354584	54	0.29	54.9	6.42	11.1	0.06	1.2	0.042	0.21	4.4	13.5
IGX043512	693058	5354584	44	0.45	27.2	3.19	6.29	0.05	0.8	0.034	0.58	3.6	6.3
IGX043513	693058	5354583	25	0.18	2920	1.65	2.28	0.05	0.3	0.247	0.48	1.4	2.1
IGX043515	693062	5354588	46	0.16	235	8.28	15.1	0.06	0.5	0.079	0.04	3.5	18
IGX043516	693056	5354595	56	0.81	6.2	12.15	23.3	0.08	2.7	0.173	0.91	5.5	21.1
IGX043517	693056	5354594	54	0.55	3	13.1	22.2	0.08	1.9	0.175	0.56	4.6	24
IGX043518	693056	5354593	157	0.3	56.5	11.35	14.95	0.07	1.5	0.126	0.2	9.6	18.3
IGX043519	693056	5354593	82	0.26	11.2	10.6	17.6	0.07	1.4	0.124	0.11	5	21
IGX043521	693057	5354592	39	0.25	72.3	8.37	10.75	0.025	0.8	0.119	0.22	1.7	12.9
IGX043522	693057	5354592	59	1.31	1.5	11.1	24.7	0.09	2.1	0.191	1.72	5.1	23.5
IGX043523	693057	5354591	53	1.04	4.6	9.57	21.8	0.09	1.9	0.146	1.4	4.9	22.1
IGX043524	693057	5354590	35	0.51	207	6.17	11.8	0.06	1	0.09	0.62	2.8	12.4
IGX043525	693050	5354601	65	0.93	40.7	9.22	22.8	0.08	2.4	0.119	1.2	6.2	25.8
IGX043526	693050	5354601	57	0.88	51.8	10.2	22.4	0.08	2	0.107	1.13	6.3	25.9
IGX043527	693049	5354601	56	1.08	13.3	8.74	22.3	0.09	2.4	0.139	1.35	6.4	22.7
IGX043528	693048	5354600	40	0.69	236	7.71	17.65	0.07	1.8	0.118	0.97	4.9	19.3
IGX043529	693048	5354600	46	0.65	148	7.79	18.4	0.12	2.1	0.096	0.89	3.6	22.4
IGX043531	693048	5354600	37	0.4	30.3	7.52	15.9	0.1	1.6	0.072	0.49	3.8	21
IGX043532	693047	5354599	46	0.22	514	3.79	7.19	0.06	1.1	0.069	0.35	4	9
IGX043533	693047	5354599	26	0.1	1510	1.19	1.58	0.05	0.3	0.131	0.44	1.3	1.8
IGX043534	693047	5354601	41	0.55	304	7.5	16.95	0.07	1.8	0.109	0.77	3.7	19.8
IGX043535	693046	5354600	28	0.15	698	3.19	5.4	0.07	0.6	0.115	0.47	2.3	7.2
IGX043536	693046	5354600	18	0.1	2210	0.93	1.09	0.025	0.1	0.2	0.62	0.9	1
IGX043537	693044	5354605	50	0.11	63.4	10.5	20.6	0.08	2.2	0.077	0.03	4.6	25.1
IGX043538	693044	5354604	54	0.1	57.9	10.75	20.8	0.11	2.2	0.065	0.02	4.1	25.3
IGX043539	693043	5354604	49	0.31	76.3	9.82	19.9	0.11	2	0.085	0.45	4.1	24.6
IGX043541	693043	5354604	43	0.18	174.5	5.86	11	0.08	1.3	0.055	0.24	3	14
IGX043542	693043	5354603	43	0.15	55	9.44	17.5	0.07	1.7	0.061	0.05	3.1	21.2
IGX043543	693042	5354604	24	0.13	1610	1.21	1.73	0.05	0.3	0.119	0.74	1.1	1.7
IGX043544	693042	5354604	48	0.19	1765	4.53	7.7	0.025	1.1	0.138	0.33	2.7	9.7
IGX043545	693042	5354608	26	0.44	68.7	11	21.3	0.08	2.2	0.085	0.81	5.7	25
IGX043546	693042	5354608	24	0.59	19.6	5.92	18.1	0.17	1.8	0.057	1.64	8	14.4
IGX043547	693041	5354607	8	0.52	17.8	2.87	14.8	0.22	1.9	0.029	1.94	9.6	8.4
IGX043548	693041	5354607	20	0.42	7.5	3.2	14.65	0.19	1.7	0.035	1.02	7.9	8.7
IGX043549	693040	5354607	40	0.13	128.5	6.45	13.8	0.17	1.6	0.052	0.27	3.8	15
IGX043551	693029	5354617	47	0.34	148	9.27	17.15	0.07	1.4	0.069	0.32	3.9	22.5
IGX043552	693029	5354617	53	0.31	110.5	10.4	19.45	0.08	1.8	0.078	0.1	4.8	24.5

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IGX043553	693028	5354616	57	0.27	107.5	10.7	19.45	0.1	1.9	0.064	0.07	3.7	24.8
IGX043554	693028	5354616	48	0.29	159	9.39	17.1	0.1	1.5	0.059	0.24	2.7	22
IGX043555	693026	5354618	18	0.12	1365	0.78	0.73	0.05	0.1	0.082	0.38	0.8	0.8
IGX043556	693025	5354618	52	0.17	851	2.41	4.13	0.025	0.5	0.077	0.57	2.4	5.5
IGX043557	693025	5354618	48	0.24	477	3.33	6.3	0.07	1	0.047	1.31	2.1	8.5
IGX043558	693024	5354617	88	0.18	3180	4.19	7.57	0.07	0.9	0.19	0.53	5.5	11.8
IGX043559	693040	5354607	39	0.24	49.5	6.72	11.65	0.07	0.7	0.044	0.09	2	14.4
IGX043561	693026	5354621	53	0.24	240	9.87	16.75	0.06	0.8	0.068	0.08	3.7	19.2
IGX043562	693025	5354620	61	0.32	122.5	11.05	20.1	0.11	1.8	0.07	0.13	3.7	22.6
IGX043563	693025	5354620	38	0.37	117.5	6.8	12.25	0.06	1	0.045	0.13	1.8	13.1
IGX043564	693025	5354620	35	0.26	1100	5.08	8.48	0.025	0.8	0.107	0.41	1.3	8.7
IGX043565	693024	5354619	22	0.12	4410	2.04	2.4	0.07	0.3	0.313	0.45	2.2	3.4
IGX043566	693024	5354619	64	0.32	511	5.79	10.3	0.1	1.6	0.073	0.58	6.7	16.8
IGX043567	693033	5354628	60	0.22	92.6	10.6	17.25	0.1	0.7	0.072	0.02	3.7	27.9
IGX043568	693032	5354627	58	0.22	90.8	11.6	18.85	0.09	1.5	0.071	0.03	4.3	29.7
IGX043569	693031	5354627	50	0.26	85.7	10.85	17.1	0.06	0.9	0.075	0.05	4.3	25.7
IGX043571	693031	5354626	49	0.17	199.5	11	18.05	0.07	0.6	0.092	0.02	4.3	27.4
IGX043572	693030	5354625	48	0.26	74.9	10.75	17.7	0.06	1	0.081	0.02	4.4	26.7
IGX043573	693029	5354625	49	0.26	88	10.7	17.9	0.08	1	0.076	0.03	4.4	25.6
IGX043574	693029	5354624	50	0.25	82.4	10.15	18.05	0.08	1.3	0.081	0.05	4.4	25.3
IGX043575	693028	5354624	49	0.19	104	10.1	18.55	0.06	1	0.075	0.05	4.3	24.7
IGX043576	693028	5354623	53	0.24	110.5	10.85	18.4	0.08	1	0.077	0.06	4.5	24.6
IGX043577	693027	5354623	61	0.21	73.4	11.25	18.85	0.12	1.2	0.077	0.08	4.6	25.2
IGX043578	693026	5354622	70	0.25	98.2	10.65	17.8	0.09	0.8	0.071	0.06	3.8	24.2
IGX043579	693025	5354622	55	0.27	93.3	10.7	17.2	0.07	0.9	0.068	0.1	4	23
IGX043581	693023	5354621	31	0.17	3970	2.54	3.14	0.025	0.3	0.276	0.69	1.6	4.7
IGX043582	693022	5354621	62	0.22	285	5.02	7.96	0.08	1.1	0.043	0.48	3.5	13.6
IGX043583	693022	5354620	53	0.38	298	4.16	8.07	0.1	1.2	0.04	1.37	4.2	9.7
IGX043584	693021	5354619	66	0.36	232	7.7	12.85	0.16	1.8	0.05	1.59	4.5	16.7
IGX043585	693020	5354619	75	0.45	83.4	9.8	16.2	0.14	2.3	0.068	1.69	5.5	20.8
IGX043586	693020	5354619	99	0.44	49.6	10.2	17.15	0.14	2.5	0.057	0.8	10.9	25.1
IGX043587	693019	5354618	103	0.51	72	10.55	17.55	0.1	2.6	0.053	0.52	11.3	27
IGX043588	693019	5354618	106	0.61	71.6	10.7	19.05	0.11	2.7	0.065	0.92	10.8	26.3
IGX043589	693018	5354617	100	0.73	83.4	10.8	19.1	0.08	2.9	0.067	1.1	12.4	26.5
IGX043591	693018	5354617	60	0.3	28	6.92	13.5	0.12	1.9	0.049	0.39	6.3	17.8
IGX043592	693017	5354616	53	0.36	21.5	6.45	16.9	0.15	2	0.044	0.58	5	15.2
IGX043593	693017	5354616	54	0.28	17.8	6.34	17.95	0.18	2.2	0.046	0.61	5.6	15.2

Sample ID	Easting (m)	Northing (m)	Cr (ppm)	Cs (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Ge (ppm)	Hf (ppm)	In (ppm)	K (%)	La (ppm)	Li (ppm)
IGX043594	693022	5354625	54	0.27	45.4	10.85	18.65	0.12	0.8	0.084	0.12	4.8	24.3
IGX043595	693022	5354625	47	0.3	22.9	10.5	17.05	0.11	0.6	0.067	0.13	4	21.5
IGX043596	693021	5354624	45	0.28	206	10.3	17.2	0.07	1.3	0.053	0.13	3.5	20.3
IGX043597	693021	5354624	28	0.1	2070	2.66	4.34	0.025	0.2	0.192	0.19	0.9	5.1
IGX043598	693021	5354624	26	0.12	4070	1.99	1.71	0.025	0.1	0.42	0.47	0.7	2
IGX043599	693020	5354623	41	0.2	1080	1.76	2.72	0.025	0.4	0.103	0.97	1.4	3.5
IGX043601	693020	5354623	68	0.3	457	6.16	10.65	0.06	1.4	0.07	0.46	6.6	17.1
IGX043602	693020	5354623	57	0.22	572	4.73	7.98	0.025	1.1	0.066	0.47	4	12.6
IGX043603	693019	5354622	98	0.25	214	4.16	7.8	0.06	0.9	0.037	0.83	8.1	11.4
IGX043604	693021	5354622	58	0.26	667	4.01	6.68	0.06	0.8	0.06	0.55	3.9	10.8
IGX043605	693021	5354621	64	0.44	506	4.5	8.21	0.09	1.2	0.059	2.52	4	11.8
IGX043606	693019	5354624	142	0.24	322	4.23	8.85	0.08	1.1	0.044	0.72	12.3	12.8
IGX043607	693018	5354624	82	0.5	393	6.26	11.4	0.11	1.6	0.09	2.63	5.3	14.6
IGX043608	693017	5354623	60	0.26	88.8	9.61	16.65	0.08	2.2	0.047	0.81	4.6	18.7
IGX043609	693017	5354623	94	0.48	245	8.13	14.2	0.1	2.2	0.055	1.41	10.4	18.5
IGX043610	693017	5354622	83	0.28	123.5	9.46	16.35	0.08	2.2	0.046	0.74	6.1	20.3
IGX043611	693016	5354622	61	0.53	24.9	7.52	14.45	0.1	2.2	0.051	2.75	6.8	14.8
IGX043612	693016	5354622	59	0.58	28.6	7.56	16.35	0.09	2	0.062	1.9	5.4	16.2
IGX043613	693016	5354621	81	0.31	114	8.6	15.25	0.09	2.3	0.066	1.26	10.4	23
IGX043616	693015	5354620	88	0.8	27.2	9.25	15.15	0.08	2.2	0.047	1.33	7.6	22.6
IGX043617	693015	5354620	38	0.57	19	6.7	10.6	0.07	1.4	0.042	1.21	2.2	15.7
IGX043618	693018	5354627	49	0.24	415	9.02	15.1	0.06	1	0.059	0.2	3.3	18.6
IGX043619	693017	5354627	22	0.16	3660	3.3	4.48	0.025	0.3	0.269	0.42	1	5.1
IGX043621	693017	5354627	19	0.12	4010	1.07	0.88	0.025	0.1	0.299	0.6	0.25	1
IGX043622	693017	5354627	79	0.38	187.5	6.77	12.2	0.06	1.7	0.068	0.48	8.2	18.1
IGX043623	693017	5354626	65	0.31	310	6.16	10.5	0.06	1.3	0.049	0.7	4.8	15.7
IGX043624	693017	5354630	41	0.3	37.2	7.21	15.9	0.06	1.5	0.035	0.13	9.1	16.6
IGX043625	693017	5354631	19	0.63	15.7	3.46	16.6	0.06	2.9	0.031	0.82	17.6	8.9
IGX043626	693017	5354631	17	0.62	15.1	2.98	18.1	0.07	3	0.036	0.94	16.8	8.2
IGX043627	693016	5354632	17	0.87	2.1	3.04	19.1	0.08	3.2	0.038	1.27	18.4	8.8
IGX043628	693016	5354632	18	0.14	3.7	2.94	16.05	0.06	3.1	0.017	0.16	18.6	7.3
IGX043629	693016	5354633	31	0.16	35.2	5.85	17.15	0.06	2.4	0.038	0.06	14.2	13.5
IGX043631	693016	5354628	40	0.19	1245	8.28	13.55	0.06	0.9	0.09	0.19	2.2	17.4
IGX043632	693016	5354628	18	0.1	4240	2.23	2.86	0.025	0.1	0.226	0.48	0.8	3.6
IGX043633	693015	5354627	36	0.19	3230	2.36	3.57	0.05	0.4	0.183	0.96	1.7	5.2
IGX043634	693015	5354627	78	0.55	307	6.54	11	0.08	1.4	0.055	1.31	7.1	16.4
IGX043635	693015	5354627	48	0.33	797	3.41	5.78	0.06	0.7	0.057	1.41	3.5	8.1

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IGX043636	693014	5354626	84	0.28	902	5.07	7.02	0.08	0.9	0.072	0.88	6.1	9.2
IGX043637	693014	5354632	46	0.22	11.3	6.92	17.6	0.07	2	0.043	0.08	10.5	15.3
IGX043638	693014	5354632	41	0.37	25	7.39	17.85	0.06	1.7	0.049	0.36	8.9	17
IGX043639	693013	5354631	16	0.63	6.5	3.34	14.9	0.07	2.6	0.041	0.97	15.3	9.1
IGX043641	693013	5354631	19	0.26	3.9	3.84	13.15	0.06	2.6	0.023	0.44	17.8	10.5
IGX043642	693013	5354630	19	0.16	27.7	3.06	12.55	0.07	2.5	0.028	0.24	16.7	7.8
IGX043643	693013	5354630	10	0.08	6670	1.19	1.74	0.025	0.4	0.34	0.46	3	0.9
IGX043644	693012	5354629	34	0.11	4570	1.47	1.68	0.025	0.2	0.252	0.62	1.1	2.1
IGX043645	693013	5354631	22	0.17	3850	2.2	5.66	0.025	1.2	0.186	0.34	5.3	3.8
IGX043646	693012	5354631	14	0.11	6510	1.23	0.88	0.025	0.1	0.35	0.58	1.1	0.8
IGX043647	693012	5354631	22	0.07	4060	0.92	0.4	0.025	0.05	0.227	0.54	0.25	0.5
IGX043648	693012	5354631	45	0.23	4170	2.75	4.2	0.05	0.5	0.24	1	2.5	5.7
IGX043649	693014	5354633	49	0.23	45.8	8.96	17.1	0.06	1.9	0.053	0.04	6.6	19.1
IGX043651	693011	5354633	50	0.35	200	9.84	18.7	0.06	1.1	0.056	0.12	3.7	23
IGX043652	693011	5354632	39	0.3	575	6.95	14	0.05	1.4	0.063	0.12	2.8	15.7
IGX043653	693011	5354632	7	0.13	1690	0.69	0.81	0.025	0.1	0.135	0.5	2.6	0.7
IGX043654	693010	5354632	15	0.1	3270	1.04	1.12	0.025	0.1	0.174	0.69	0.25	1.4
IGX043655	693010	5354632	28	0.14	2970	1.98	2.68	0.025	0.2	0.164	0.54	1.6	3.8
IGX043656	693009	5354632	69	0.32	31.8	8.52	14.45	0.07	2	0.041	0.86	8	16.5
IGX043657	693009	5354631	81	0.4	41.6	8.77	14.8	0.08	1.9	0.053	1.15	7.9	17.2
IGX043658	693008	5354631	93	0.5	31.2	9.62	17.05	0.07	2.3	0.057	1.08	8.7	21.4
IGX043659	693008	5354630	91	0.53	84.6	9.21	17.3	0.07	2.5	0.058	1.02	11.1	21.7
IGX043661	693008	5354630	95	0.51	120	9.64	16.9	0.09	2.6	0.059	1.09	12.9	23.2
IGX043662	693007	5354630	111	0.59	93.5	11.4	20.1	0.1	2.9	0.066	1.19	12.9	31.9
IGX043663	693007	5354629	98	1.2	118	10.55	18.75	0.09	2.6	0.065	1.42	14.1	28
IGX043664	693006	5354630	16	0.39	51.8	8.2	14.75	0.08	3.2	0.061	0.86	11.4	18.7
IGX043665	693004	5354633	17	0.43	126	9.77	16.05	0.08	3.1	0.079	0.95	9.4	22.6
IGX043666	693004	5354632	8	0.2	359	8.55	18.4	0.07	3.1	0.076	0.25	5.9	19.7
IGX043667	693012	5354637	1	1.79	20.6	3.05	29.3	0.14	1.6	0.025	2.15	39.8	7.4
IGX043668	693012	5354637	4	1.64	33.9	3.33	28.4	0.12	1	0.028	1.84	32.6	8
IGX043669	693011	5354637	3	1.42	41.5	3.2	24.4	0.18	2	0.039	1.53	84.4	6.6
IGX043671	693011	5354636	2	1.2	26.5	2.92	24.3	0.18	1.6	0.028	1.24	63.5	7.4
IGX043672	693011	5354636	15	1.76	13	3.96	21.6	0.08	2.4	0.058	2.08	14.7	10.6
IGX043673	693010	5354636	12	1.75	5	2.94	17.65	0.07	2	0.048	2.1	11.6	8.7
IGX043674	693009	5354636	12	1.64	5.9	2.83	18.55	0.09	2.2	0.047	2.17	11.7	8.6
IGX043675	693009	5354636	11	0.97	3	3.41	19.05	0.12	2.2	0.052	1.33	10.6	9.9
IGX043676	693009	5354635	50	0.21	241	8.75	18.15	0.1	1.6	0.052	0.04	3.6	18.9

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IGX043677	693008	5354635	52	0.19	159	9.51	18.2	0.1	1.6	0.056	0.04	3.8	22.3
IGX043678	693007	5354635	15	0.08	2180	1.3	1.83	0.05	0.2	0.131	0.36	1.4	2.2
IGX043679	693007	5354635	38	0.14	2890	2.67	4.12	0.025	0.5	0.169	0.71	2.5	5.8
IGX043681	693011	5354636	21	0.74	23.9	4.05	18.55	0.1	2.2	0.041	0.94	10.6	10
IGX043682	693011	5354636	11	1.72	6.4	2.94	19.65	0.13	2.2	0.045	2.36	11.4	9.1
IGX043683	693011	5354637	9	1.56	13.8	3.1	21.9	0.21	2.9	0.05	1.75	39.5	8.9
IGX043684	693011	5354637	3	1.48	50.2	2.92	27	0.26	3	0.038	1.65	62.2	7.9
IGX043685	693011	5354638	41	0.77	97.1	6.94	22.7	0.22	2.2	0.054	0.71	60.2	18.6
IGX043686	693010	5354638	95	0.3	92.8	10.7	18.55	0.12	1.4	0.07	0.08	3.6	28.8
IGX043687	693016	5354638	19	1.56	73.4	4.33	22.2	0.13	2.5	0.056	1.85	13.5	12.6
IGX043688	693016	5354638	6	1.79	30.4	3.58	29	0.27	4.9	0.045	2.18	73.1	9.7
IGX043689	693016	5354639	48	1.65	33.1	7.21	23.6	0.19	2.7	0.061	1.82	22	20.7
IGX043691	693017	5354643	89	0.23	80.3	9.69	17.6	0.11	1.2	0.065	0.06	2.8	28.7
IGX043692	693017	5354644	102	0.76	84.6	9.99	18.95	0.11	1.5	0.077	0.9	2.9	30
IGX043693	693016	5354644	95	1.2	45.7	9.92	18.65	0.12	1.3	0.075	1.62	3	28.8
IGX043694	693016	5354645	102	0.77	73	10.75	19.7	0.11	1.4	0.076	0.88	2.7	34
IGX043695	693016	5354645	84	0.84	64.7	10.2	17.4	0.1	1.4	0.071	0.98	2.8	27.5
IGX043696	693016	5354646	46	0.24	162.5	10.7	17.9	0.12	1.6	0.225	0.12	3.6	18.4
IGX043697	693014	5354647	48	0.13	39.2	8.12	21.1	0.12	2	0.1	0.03	4.2	20.7
IGX043698	693014	5354647	48	0.15	55.2	7.29	19.2	0.14	2.3	0.087	0.03	4.6	19.1
IGX043699	693014	5354646	52	0.22	65.2	8.64	21.5	0.11	2.3	0.129	0.09	3.8	21.6
IGX043701	693014	5354646	52	0.21	86.6	8.4	21.1	0.12	2	0.12	0.11	4.3	20.7
IGX043702	693013	5354646	49	0.2	62.9	10.1	22	0.11	2.1	0.113	0.11	4.3	23.3
IGX043703	693013	5354645	62	0.59	55	10	17.45	0.1	1.4	0.078	0.59	3.3	26.8
IGX043704	693012	5354645	89	1.4	51	11	19.3	0.12	1.6	0.089	1.74	3.3	25.9
IGX043705	693012	5354644	98	1.12	92.3	10.75	20.7	0.13	1.7	0.082	1.36	3.6	29.4
IGX043706	693012	5354643	103	0.88	52.5	10.45	19.35	0.12	1.6	0.081	1.03	3.4	30.9
IGX043707	693011	5354643	141	1.21	71.7	9.2	18.4	0.11	1.8	0.072	1.42	3.6	31.8
IGX043708	693010	5354642	93	0.22	67.9	10	18.95	0.11	1.2	0.069	0.1	3	32.2
IGX043709	693010	5354642	81	0.23	49.5	8.71	16.3	0.1	0.9	0.065	0.11	2.8	26.2
IGX043711	693009	5354641	92	0.28	28.7	9.9	16.7	0.12	1	0.055	0.09	2.7	28.4
IGX043712	693009	5354640	84	0.3	13.4	9.45	16.65	0.11	0.8	0.056	0.07	2.7	27.4
IGX043713	693008	5354640	100	0.31	35.5	10.45	16.8	0.11	0.9	0.055	0.1	2.5	27.9
IGX043714	693008	5354639	95	0.3	43.3	10.35	16.5	0.1	1.1	0.058	0.14	3.2	28.1
IGX043715	693007	5354638	92	0.28	62.4	9.96	16.6	0.12	1.3	0.062	0.2	3.4	27.2
IGX043716	693007	5354638	96	0.29	41.9	10.75	18.45	0.1	1.1	0.062	0.23	2.6	29.7
IGX043717	693007	5354637	31	0.71	28.8	4.95	18.4	0.2	2.1	0.053	1.04	44.1	12.8

Sample ID	Easting (m)	Northing (m)	Cr (ppm)	Cs (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Ge (ppm)	Hf (ppm)	In (ppm)	K (%)	La (ppm)	Li (ppm)
IGX043718	693006	5354636	31	0.16	2410	2.33	4.22	0.1	0.5	0.147	0.72	3.2	4.9
IGX043719	693005	5354636	94	0.3	51	9.33	17.6	0.12	2.1	0.05	0.69	5.2	20.2
IGX043721	693005	5354635	82	0.45	85.9	9.3	15.9	0.13	2.3	0.053	0.95	9.4	21.3
IGX043722	693003	5354634	15	0.16	184.5	7.63	12.75	0.1	2.5	0.045	0.33	6.1	16.2
IGX043723	693005	5354638	44	0.16	171	5.09	10.8	0.11	1.6	0.053	0.26	10.8	13.4
IGX043724	693005	5354638	18	0.16	2410	1.23	2.09	0.06	0.2	0.147	1.24	1.3	2.5
IGX043725	693006	5354644	40	0.26	32.8	8.9	16.2	0.09	1.7	0.079	0.17	3.1	20.4
IGX043726	693005	5354644	47	0.26	46.6	10.5	19.6	0.12	1.9	0.076	0.17	3.2	24.4
IGX043727	693005	5354643	39	0.22	20.7	9.05	17.25	0.1	1.8	0.066	0.11	3.3	21.3
IGX043728	693005	5354642	50	0.3	20.8	8.85	18.95	0.12	2	0.082	0.28	3.6	22.2
IGX043729	693005	5354642	53	0.76	35.2	7.82	13.8	0.09	1.2	0.084	1.04	3	21.2
IGX043731	693005	5354641	154	1.12	21.4	7.19	15.8	0.11	1.6	0.088	1.77	2.9	19.1
IGX043732	693005	5354640	80	0.36	20.7	9.32	16.6	0.1	1.1	0.058	0.44	3	25.1
IGX043733	693005	5354640	80	0.24	18.3	9.29	16.1	0.1	1.1	0.05	0.15	3	24.5
IGX043734	693003	5354640	19	0.14	1035	1.67	2.85	0.05	0.3	0.079	0.65	1.6	3.5
IGX043735	693003	5354640	25	0.14	7180	1.46	1.32	0.06	0.2	0.354	0.98	1.3	1.7
IGX043736	693003	5354646	52	0.19	20.5	9.62	18.85	0.12	1.2	0.074	0.08	5.3	22.2
IGX043737	693001	5354643	48	0.2	143.5	10.55	19.45	0.1	2	0.07	0.14	3	25.5
IGX043738	693001	5354643	41	0.18	78.2	7.65	13.3	0.1	1.5	0.038	0.22	1.7	16.8
IGX043739	693000	5354643	32	0.22	1535	2.53	4.23	0.08	0.6	0.104	1.27	1.6	3.9
IGX043741	693000	5354642	28	0.13	4040	1.33	1.43	0.07	0.2	0.206	1.2	1	1.5
IGX043742	692999	5354645	48	0.2	3040	1.58	2.18	0.07	0.3	0.161	1.08	1.2	2.1
IGX043743	692998	5354644	47	0.22	2790	3.08	5.55	0.08	0.7	0.152	0.84	2.3	7.8
IGX043744	693005	5354634	90	0.46	195.5	9.65	16.85	0.14	2.5	0.055	0.65	12.5	23.7
IGX043745	693005	5354634	95	0.59	62.4	10.2	18.9	0.13	2.6	0.068	1.2	11.2	27.6
IGX043746	693004	5354634	82	0.41	63.7	10.55	18.35	0.12	2.2	0.066	1	12.1	26.1
IGX043747	693005	5354650	108	0.14	45.2	5.39	9.66	0.07	0.3	0.038	0.06	2.2	18.6
IGX043748	693003	5354652	48	0.17	488	11.5	19.15	0.12	1	0.142	0.07	5.4	30.9
IGX043749	693002	5354652	63	0.17	67.3	11.35	21.2	0.13	1.4	0.106	0.1	5	35.3
IGX043751	693002	5354652	134	0.14	67.1	8.48	14.75	0.09	0.4	0.063	0.08	3.3	28.5
IGX043752	693001	5354649	186	0.15	72.4	9.6	17.4	0.08	0.5	0.075	0.07	3.1	33.8
IGX043753	693000	5354649	171	0.22	67.4	9.04	14.95	0.09	0.6	0.055	0.11	3.1	32.2
IGX043754	693000	5354648	157	0.26	190.5	8.7	15.05	0.1	0.4	0.067	0.21	3.1	30.8
IGX043755	693000	5354648	128	0.29	76.1	8.89	16.2	0.11	0.4	0.072	0.27	3.1	30.9
IGX043756	692999	5354647	131	0.43	98.4	11	20	0.11	0.5	0.086	0.4	3.9	35.6
IGX043757	692999	5354647	139	0.37	38	10.9	18.45	0.1	0.4	0.082	0.49	4.1	30.8
IGX043758	692999	5354647	59	0.48	28.7	10.2	19.6	0.11	0.8	0.086	0.67	4.5	26

Sample ID	Easting (m)	Northing (m)	Cr (ppm)	Cs (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Ge (ppm)	Hf (ppm)	In (ppm)	K (%)	La (ppm)	Li (ppm)
IGX043759	692998	5354646	48	0.25	58.1	9.77	18.3	0.1	1.1	0.078	0.27	4.4	20.6
IGX043761	692998	5354646	45	0.28	261	7.27	13.9	0.1	1.2	0.047	0.32	4.4	15.2
IGX043762	692997	5354645	41	0.15	4940	1.66	2.21	0.06	0.3	0.232	0.83	1.4	2.3
IGX043763	692997	5354643	78	0.21	69.7	7.62	13.1	0.1	1.8	0.048	0.68	8.6	16.6
IGX043764	692996	5354643	87	0.29	86.9	9.63	16.45	0.1	2.3	0.057	1.02	10.8	21.9
IGX043765	692996	5354642	78	0.38	53.2	11.85	19.55	0.1	0.7	0.046	0.6	3.3	31.9
IGX043766	692995	5354641	92	0.29	2.1	12.6	18.45	0.11	0.4	0.042	0.27	3.2	38
IGX043767	692995	5354640	77	0.23	40.1	10.2	15	0.09	0.5	0.037	0.15	3	30.7
IGX043768	692996	5354648	140	0.28	44.4	8.72	15.3	0.08	0.4	0.067	0.29	2	25.2
IGX043769	692996	5354648	46	0.18	124.5	9	17.6	0.11	1.3	0.056	0.15	3	21.7
IGX043771	692996	5354647	54	0.25	1580	4.49	7.77	0.09	0.9	0.107	0.57	3.8	10.4
IGX043772	692995	5354647	52	0.28	2230	4.5	7.97	0.1	1	0.167	0.75	3.3	11.6
IGX043773	692994	5354652	42	0.24	24.6	11.35	21.8	0.13	1	0.093	0.17	5.4	25.2
IGX043774	692993	5354652	44	0.28	27.1	9.72	19.65	0.12	1.1	0.069	0.24	5.2	22.6
IGX043775	692993	5354651	46	0.19	71.8	10.25	18.15	0.12	1.2	0.05	0.18	3.8	21.9
IGX043776	692993	5354650	55	0.26	112	9.69	17.05	0.11	1.1	0.049	0.34	3.5	21.2
IGX043777	692992	5354650	47	0.23	1330	3.41	6.29	0.08	0.8	0.097	0.87	3.3	8
IGX043778	693002	5354656	42	0.36	296	10.25	18.1	0.11	0.7	0.22	0.13	4.7	16.9
IGX043779	693002	5354656	33	0.48	999	16.8	24.9	0.14	1.9	1.29	0.47	6.1	12
IGX043781	693001	5354657	24	0.43	904	16.75	19	0.13	1.4	1.215	0.37	5.1	8
IGX043782	693001	5354657	54	0.44	180.5	12.15	19.65	0.1	1.8	0.259	0.49	4.7	23.3
IGX043783	693000	5354658	49	0.2	418	12.85	18.35	0.09	1.5	0.394	0.03	4.6	16.6
IGX043784	692996	5354655	51	0.41	142.5	9.35	22	0.1	1.5	0.155	0.2	4.3	16.8
IGX043785	692996	5354655	39	0.8	1535	12.4	21.6	0.1	2	1.04	0.77	6.1	11.8
IGX043786	692996	5354656	50	0.34	260	11.6	19.5	0.08	1.6	0.248	0.09	4.6	19.3
IGX043787	692996	5354659	58	0.26	60.5	10.8	18.75	0.08	1.7	0.073	0.02	4.7	19.5
IGX043788	692996	5354658	46	0.22	95	7.78	14.3	0.07	1.2	0.057	0.02	2.8	14.8
IGX043789	692995	5354657	67	0.2	93.4	13.85	26.2	0.09	2	0.096	0.01	3.6	27.4
IGX043791	692995	5354657	48	0.23	94.5	10.05	18.7	0.08	1.5	0.079	0.02	4.2	20.2
IGX043792	692994	5354656	52	0.27	57	10.25	18.05	0.07	1.5	0.067	0.03	3.8	20.7
IGX043793	692994	5354656	51	0.27	76.6	10.5	20.8	0.09	1.7	0.126	0.06	4.8	20.1
IGX043794	692994	5354655	35	0.41	255	9.94	16.6	0.09	1.5	0.324	0.18	5.2	13
IGX043795	692993	5354655	45	0.32	99	9.17	21.9	0.09	1.3	0.225	0.35	5.3	14.6
IGX043796	692993	5354655	42	0.43	450	12.35	22	0.09	1.7	0.711	0.46	5.8	16.3
IGX043797	692992	5354655	49	0.29	396	12	18.15	0.09	1.2	0.398	0.11	4.1	15.5
IGX043798	692992	5354656	51	0.26	206	11.9	19.85	0.08	1.3	0.267	0.05	5	19.6
IGX043799	692989	5354665	62	0.16	80.1	10.3	19.2	0.06	0.7	0.068	0.07	3.3	23.2

Sample ID	Easting (m)	Northing (m)	Cr (ppm)	Cs (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Ge (ppm)	Hf (ppm)	In (ppm)	K (%)	La (ppm)	Li (ppm)
IGX043801	692989	5354664	54	0.17	136	9.37	16.9	0.11	1.9	0.062	0.06	3.6	21
IGX043802	692988	5354664	56	0.24	107.5	9.99	19.05	0.1	0.8	0.073	0.07	3.8	22.8
IGX043803	692988	5354663	55	0.21	119	9.1	16.75	0.08	0.9	0.06	0.08	3.1	20.4
IGX043804	692987	5354663	47	0.21	83.1	9.2	16.65	0.08	1	0.058	0.05	3.2	20.6
IGX043805	692987	5354662	52	0.23	88.9	10.4	18.8	0.09	0.9	0.078	0.05	3.5	23.6
IGX043806	692987	5354662	53	0.2	69.5	10.75	19.4	0.09	0.8	0.074	0.06	3.6	24
IGX043807	692986	5354661	47	0.29	58.2	10.6	18.7	0.06	0.7	0.061	0.08	2.9	25.6
IGX043808	692986	5354661	43	0.3	136	10.25	18.6	0.09	0.7	0.063	0.07	2.9	26.5
IGX043809	692985	5354660	44	0.37	13.8	11.05	18.4	0.08	0.9	0.054	0.06	3.1	28.4
IGX043811	692987	5354657	48	0.26	48.4	11.45	20.4	0.11	1.3	0.066	0.12	3.7	26.1
IGX043812	692986	5354657	45	0.26	37.3	10.1	19.3	0.09	1.2	0.05	0.16	3.9	21.1
IGX043813	692985	5354655	80	0.36	18.4	8.32	16.35	0.1	2.3	0.054	0.91	10.1	17.1
IGX043814	692984	5354655	69	0.48	25.5	8.77	16.85	0.09	2.1	0.05	0.87	9.2	20.1
IGX043815	692984	5354654	77	0.47	56.7	8.12	16.9	0.11	2.6	0.057	1.57	9.4	20.6
IGX043816	692984	5354654	114	0.62	29	10.15	19.5	0.1	2.2	0.065	1.49	7.3	28.2
IGX043817	692983	5354653	125	0.72	14.2	10.1	19.6	0.09	0.7	0.053	0.89	3.7	29.3
IGX043818	692983	5354653	71	0.67	7	8.52	16.35	0.06	0.6	0.041	0.82	2.9	23.6
IGX043819	692983	5354652	86	0.49	3.6	8.75	14.6	0.1	0.7	0.044	0.74	3	22.3
IGX043821	692983	5354651	97	1.02	7.3	9.55	17.9	0.11	0.7	0.046	1.02	2.4	32.5
IGX043822	692982	5354651	110	1.06	12	10.35	19.75	0.08	0.5	0.045	1.1	2	29.3
IGX043823	692982	5354650	102	0.81	7.1	9.25	16.7	0.09	0.5	0.036	0.8	2.2	27.3
IGX043824	693021	5354627	64	0.33	61.1	10.65	17.95	0.1	1.2	0.08	0.12	4.4	20.6
IGX043825	693021	5354627	52	0.31	70.4	11.4	17.3	0.08	0.8	0.084	0.11	4.2	18.9
IGX043826	693021	5354626	53	0.34	48.5	11.55	20.7	0.07	0.9	0.08	0.08	4.5	21.9
IGX043827	693020	5354626	50	0.35	168	10.05	18.75	0.07	0.7	0.055	0.14	3.2	19.1
IGX043828	693020	5354625	34	0.33	2090	5.83	10.85	0.06	0.5	0.2	0.27	2.2	9.9

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043101	693113	5354526	0.5	464	0.97	1.47	2	17.3	0.02	2.1	9.9	0.001	0.18
IGX043102	693113	5354526	0.61	441	0.61	0.33	1.2	17.5	0.01	1.3	8.6	0.001	0.31
IGX043103	693113	5354525	0.51	449	0.64	0.22	1.1	17.8	0.01	1.3	5.6	0.001	0.15
IGX043104	693112	5354527	0.81	610	0.73	0.43	1.6	23.3	0.02	2	8	0.001	0.31
IGX043105	693111	5354526	1.69	947	0.56	0.9	3	52.8	0.03	2.6	25.9	0.001	0.19
IGX043106	693111	5354526	2.44	1200	0.37	0.98	4.9	85.7	0.05	1.7	64.4	0.001	0.21

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043107	693112	5354526	0.75	491	1.07	1.01	2.1	25.5	0.03	2.7	17.1	0.001	0.52
IGX043108	693115	5354530	0.71	429	2.03	1.22	3.6	49.5	0.05	2.8	90.4	0.001	1.92
IGX043109	693114	5354530	0.83	486	2.3	1.04	3.2	59.3	0.05	3.4	73.9	0.001	2.4
IGX043111	693113	5354529	1.06	559	0.56	2.2	4.1	42.9	0.06	1.1	57.3	0.001	0.18
IGX043112	693112	5354528	1.5	843	0.68	0.93	2.9	48	0.03	2.9	18.1	0.001	0.39
IGX043113	693112	5354528	0.88	580	0.68	0.97	1.9	27	0.02	2.4	11.5	0.001	0.44
IGX043114	693111	5354527	0.76	627	0.94	0.36	1.4	24.3	0.02	2.4	12.8	0.001	0.71
IGX043115	693111	5354527	0.9	638	0.73	0.42	1.7	28.5	0.02	3.5	16.2	0.001	0.52
IGX043116	693111	5354527	2	1130	0.51	0.59	4.3	76.8	0.05	2.4	71.7	0.001	0.25
IGX043117	693110	5354526	2.25	1215	0.32	0.95	4.6	81.3	0.05	1.3	60.5	0.002	0.28
IGX043118	693110	5354526	2.44	1195	0.67	0.77	4.5	88.9	0.06	2.2	70.9	0.001	0.29
IGX043119	693109	5354525	2.74	1325	0.42	1.17	4.5	101.5	0.05	1.6	63.2	0.001	0.23
IGX043121	693109	5354530	1.28	790	0.52	0.88	2.2	37	0.03	2	26.9	0.001	0.27
IGX043122	693109	5354529	2.37	1255	0.51	1.29	3.6	71.8	0.04	2.8	51	0.001	0.28
IGX043123	693108	5354529	2.58	1295	0.5	0.77	5.6	109.5	0.06	1.7	76.2	0.001	0.28
IGX043124	693108	5354529	2.21	1175	0.44	0.94	4.9	92.5	0.05	1.6	84.1	0.001	0.44
IGX043125	693112	5354554	1.46	1690	1.95	0.75	3.9	48.4	0.06	3.2	35	0.001	1.94
IGX043126	693112	5354553	1.41	1830	7.82	0.42	3.2	56.6	0.05	4.7	4.7	0.002	4.79
IGX043127	693119	5354549	1.38	1190	2.12	1.56	3.2	67.8	0.07	2.7	69.4	0.001	1.15
IGX043128	693119	5354549	1.4	1300	2.56	1.82	3	73.4	0.07	2.7	58.1	0.001	1.56
IGX043129	693118	5354550	1.06	1275	1.13	0.93	4.3	61.2	0.07	2.5	100	0.001	0.54
IGX043131	693118	5354550	1.08	1115	1.04	0.36	4.8	63.6	0.08	2.5	120	0.001	0.33
IGX043132	693118	5354551	0.96	1395	0.32	0.2	4.7	50	0.07	2.1	112.5	0.001	0.03
IGX043133	693117	5354551	1.64	2040	1.4	0.1	3.6	51.4	0.06	2.6	44	0.001	2.67
IGX043134	693117	5354552	1.8	2250	1.59	0.32	3.6	57.4	0.06	1.7	30.4	0.001	1.12
IGX043135	693116	5354553	1.55	1770	0.19	0.4	4.2	54.9	0.07	1.4	66.8	0.001	0.1
IGX043136	693116	5354553	1.25	1600	2.13	0.12	3.5	36.7	0.06	9.9	19.4	0.001	4.66
IGX043137	693116	5354554	1.1	1625	0.87	1.07	5.1	45.5	0.07	2.3	76.1	0.001	0.27
IGX043138	693115	5354554	1.58	2790	3.29	0.71	3.3	72.4	0.05	2.8	10.8	0.001	3.49
IGX043139	693115	5354555	1.47	2480	1.64	0.78	3.9	56.7	0.06	3	26.1	0.001	2.5
IGX043141	693115	5354555	1.1	1305	3.14	0.4	3.3	44.9	0.05	9.4	20.5	0.001	3.42
IGX043142	693114	5354556	1.14	1445	3.12	0.63	4.4	48.7	0.07	3.2	60.5	0.001	1.31
IGX043143	693114	5354556	1.38	1770	3.78	1.19	3.6	73.9	0.06	5.7	20.5	0.001	2.95
IGX043144	693114	5354557	1.58	2420	2.04	1.16	4	69.5	0.06	2.3	27.1	0.001	1.57
IGX043145	693113	5354557	1.53	2310	0.99	1.5	4.2	63.9	0.06	1.2	26.2	0.001	0.25
IGX043146	693113	5354558	2.17	3150	2.01	0.17	3.6	73	0.05	1.8	3.1	0.001	1.56
IGX043147	693113	5354558	1.62	2210	1.29	1.18	4	60.7	0.06	1.8	34.7	0.001	0.55

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043148	693112	5354559	1.87	2620	1.66	0.48	3.6	72.2	0.06	5	42.2	0.001	2.42
IGX043149	693112	5354559	2.1	2810	1.92	0.08	3.6	82.9	0.06	5.3	42.4	0.001	2.9
IGX043151	693112	5354560	1.49	2700	2.57	0.03	2.5	66.8	0.04	8.4	20.3	0.002	10
IGX043152	693111	5354561	1.95	3070	0.89	0.04	3.9	77.6	0.06	1.3	27.7	0.001	0.56
IGX043153	693111	5354562	2.08	2860	1.15	0.04	3.8	77.7	0.06	1.1	20	0.001	0.65
IGX043154	693111	5354562	2.13	2360	5.28	0.05	3.8	78.8	0.06	1.8	29	0.001	1.11
IGX043155	693110	5354562	1.55	1460	1.29	0.12	5.2	50.2	0.04	1.7	87.1	0.001	0.38
IGX043156	693110	5354563	3.5	3120	0.32	0.02	4.2	246	0.17	1.4	11.1	0.001	0.06
IGX043157	693110	5354563	4.05	3390	0.53	0.01	5.3	280	0.19	2	0.3	0.001	0.39
IGX043158	693109	5354564	3.13	2350	1.13	0.01	4.7	66.3	0.06	2	0.6	0.001	1.57
IGX043159	693109	5354564	1.04	998	1.7	0.01	2.6	21.3	0.04	11.3	0.9	0.001	0.63
IGX043161	693109	5354565	0.02	115	4.2	0.01	1.1	1.7	0.02	15.1	0.1	0.001	0.79
IGX043162	693108	5354565	0.01	83	4.51	0.01	1.4	1.7	0.03	12.7	0.2	0.001	0.97
IGX043163	693108	5354565	0.01	105	3.87	0.01	1.6	2	0.03	27.3	0.2	0.001	0.77
IGX043164	693108	5354566	0.04	195	4.29	0.02	1.7	3.6	0.03	45.5	0.8	0.001	0.57
IGX043165	693107	5354566	3.3	2510	0.68	0.01	3.6	55.9	0.05	3.2	0.3	0.002	0.05
IGX043166	693107	5354567	2.85	2020	0.33	0.01	3.2	51.6	0.05	0.7	4.4	0.002	0.18
IGX043167	693107	5354567	1.92	947	0.62	0.65	2.8	12.5	0.05	1.5	52	0.001	0.06
IGX043168	693106	5354568	3	2000	0.26	0.05	4.2	52.9	0.06	0.7	22.3	0.001	0.13
IGX043169	693106	5354568	1.91	2140	0.61	0.09	4.2	55.6	0.06	1.3	59.6	0.003	0.2
IGX043171	693106	5354569	1.77	1955	0.46	0.08	3.9	57.2	0.06	1.2	58.3	0.002	0.55
IGX043172	693122	5354555	1.14	1625	3.07	0.03	3.3	30.4	0.05	9.6	12.1	0.001	5.17
IGX043173	693121	5354555	1.4	1955	2.78	0.15	3.6	52.9	0.06	7.5	22.3	0.002	6.35
IGX043174	693122	5354563	2.13	2900	1.96	0.32	4.1	74.2	0.06	2	10.5	0.001	1.49
IGX043175	693122	5354563	2.01	2820	1.5	0.34	4	59.8	0.06	1.1	8.7	0.001	0.61
IGX043176	693123	5354564	1.65	2370	1.13	0.09	4.8	49	0.07	1.4	49	0.001	0.53
IGX043177	693118	5354568	4.75	3650	1.19	0.01	5.6	275	0.2	1.1	0.3	0.001	0.01
IGX043178	693118	5354569	0.19	245	12.3	0.01	1.3	5.3	0.02	5.7	0.7	0.001	0.67
IGX043179	693118	5354569	0.24	207	5	0.01	0.9	4.9	0.02	3.6	0.5	0.001	0.81
IGX043181	693117	5354569	0.14	98	2.14	0.01	0.7	2	0.02	5.8	0.5	0.001	0.98
IGX043182	693117	5354570	0.12	63	1.73	0.01	0.9	1.1	0.02	12.4	1.5	0.001	1.16
IGX043183	693117	5354570	0.05	121	1.14	0.04	1.6	1.9	0.02	10.4	4.6	0.001	1.08
IGX043184	693116	5354571	0.08	198	0.96	0.16	1.9	4.1	0.03	8.8	7.7	0.001	0.93
IGX043185	693115	5354572	0.8	697	0.33	2.81	2.5	10.3	0.06	1.2	59.5	0.001	0.03
IGX043186	693115	5354572	2.7	1840	0.2	1.54	3.8	61	0.06	1.1	20.8	0.001	0.22
IGX043187	693089	5354533	0.6	544	0.26	5.07	71.5	18.6	0.02	4.1	91.2	0.001	0.43
IGX043188	693089	5354533	0.2	186	0.2	6.06	82.9	2.1	0.01	6	108	0.001	0.51

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043189	693088	5354534	0.79	703	0.2	5.2	61	22.3	0.03	4.4	54.1	0.001	0.31
IGX043191	693098	5354547	1.44	1145	1.92	0.19	3.9	57.7	0.06	4	76.7	0.001	1.8
IGX043192	693098	5354547	1.38	1185	3.05	0.09	2.6	63.7	0.04	4.7	23.3	0.001	3.61
IGX043193	693097	5354546	1.58	1305	0.46	0.81	4.4	64.5	0.06	0.9	71.6	0.001	0.3
IGX043194	693097	5354546	0.99	799	0.45	0.41	3.1	41.3	0.04	1.1	60.3	0.001	0.36
IGX043195	693096	5354546	1.32	1060	1.24	0.49	3.1	55.3	0.05	1.9	49.2	0.001	0.93
IGX043196	693096	5354545	0.74	575	0.89	0.3	2.2	27.2	0.03	1.5	36	0.001	0.71
IGX043197	693096	5354545	0.82	594	0.89	0.05	2.4	23.6	0.03	1.9	42.3	0.001	0.72
IGX043198	693095	5354545	0.32	305	0.44	0.09	1.3	12.5	0.01	1.6	32.9	0.001	0.17
IGX043199	693094	5354544	1.41	940	0.78	0.61	2.5	41.5	0.03	3.5	52.2	0.001	0.36
IGX043201	693094	5354544	1.53	954	0.32	1.05	2.5	47.4	0.03	1.2	35.2	0.001	0.33
IGX043202	693094	5354544	0.72	691	0.23	0.74	1.3	21.1	0.02	0.25	10.2	0.001	0.07
IGX043203	693093	5354543	1.91	987	0.36	1.82	4	56.4	0.05	0.8	21.5	0.002	0.41
IGX043204	693093	5354543	1.76	935	0.66	2.15	9.3	56	0.04	1.2	20.6	0.002	0.5
IGX043205	693092	5354543	0.51	343	0.22	6.32	84.8	12.5	0.03	1.7	16.6	0.001	0.46
IGX043206	693091	5354542	2.15	1145	0.34	2.58	4.3	67.6	0.05	0.9	13.5	0.002	0.33
IGX043207	693090	5354541	3.17	1365	0.39	1.3	4.9	89.2	0.06	2.1	7.6	0.001	0.13
IGX043208	693094	5354556	0.32	287	1.04	0.01	0.9	9.5	0.01	7.8	1	0.001	1.37
IGX043209	693093	5354556	1.49	1010	0.3	0.01	2.4	28.5	0.03	0.6	17.5	0.001	0.04
IGX043211	693093	5354556	2.4	1470	0.3	0.03	4.1	45.5	0.06	0.5	53.5	0.001	0.01
IGX043212	693092	5354557	1.6	977	0.32	0.01	2.3	32.9	0.03	0.25	23.2	0.001	0.01
IGX043213	693092	5354557	1.68	1065	0.6	0.13	2.9	36.3	0.05	2.6	49.6	0.001	0.16
IGX043214	693092	5354558	0.75	448	0.55	1.7	1.9	9.6	0.04	1	50	0.001	0.03
IGX043215	693095	5354562	1.58	1490	0.41	0.07	3.4	47.9	0.05	1	57.2	0.001	0.22
IGX043216	693094	5354562	1.38	1520	0.44	0.08	3.6	45.2	0.05	1	64.3	0.001	0.32
IGX043217	693094	5354562	1.53	1485	0.24	0.32	2.9	45.4	0.04	0.8	19.3	0.001	0.21
IGX043218	693093	5354563	2.94	1440	0.32	1.49	3.1	58.2	0.05	0.5	4.6	0.001	0.15
IGX043219	693093	5354564	1.71	1320	0.26	1.29	3.1	41.3	0.05	0.8	34.1	0.001	0.31
IGX043221	693093	5354564	1.79	1295	0.22	1.88	3.2	44.4	0.05	0.9	10	0.001	0.39
IGX043222	693087	5354563	2.98	1710	0.11	2.04	3.8	53.8	0.06	0.7	3.3	0.001	0.25
IGX043223	693087	5354564	2.45	1670	0.2	1.82	3	48.8	0.05	0.9	4	0.001	0.32
IGX043224	693086	5354564	2.56	1825	0.17	1.7	3.5	60.6	0.06	1.1	16.8	0.001	0.19
IGX043225	693088	5354565	2.4	1895	0.33	1.79	3.6	58.9	0.06	1.3	15.9	0.002	0.21
IGX043226	693087	5354566	2.46	1855	0.26	2.22	4.4	45.7	0.07	1.1	3.3	0.001	0.29
IGX043227	693087	5354567	2.26	1825	0.22	1.86	3.8	54.5	0.06	1.9	9.1	0.001	0.2
IGX043228	693086	5354567	2.52	1610	0.16	2.63	4	56.8	0.07	1	1.3	0.001	0.24
IGX043229	693086	5354568	2.68	1875	0.21	1.91	3.6	50.8	0.06	1.3	3.5	0.001	0.11

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043231	693085	5354568	2.58	1885	0.13	1.92	3.6	53.9	0.06	1.3	3.5	0.001	0.19
IGX043232	693084	5354569	2.34	2010	0.22	1.85	3.8	48.1	0.06	1.2	12.7	0.001	0.27
IGX043233	693084	5354570	2.16	1565	0.26	1.27	3.3	41.7	0.05	0.8	28.1	0.001	0.24
IGX043234	693083	5354570	2.81	1545	0.2	1.57	3.4	46.1	0.05	0.7	4	0.001	0.14
IGX043235	693083	5354571	2.99	1845	0.28	1.67	3.5	48.2	0.06	0.8	7.6	0.001	0.17
IGX043236	693082	5354572	2.86	1685	0.33	1.21	3.4	43.7	0.06	0.8	8.3	0.001	0.08
IGX043237	693081	5354572	1.92	1980	0.24	1.01	3.4	46.5	0.06	0.9	47.7	0.001	0.21
IGX043238	693081	5354573	2.28	2540	0.39	0.07	3.5	51.4	0.06	1.4	59.8	0.001	0.16
IGX043239	693081	5354573	1.6	1755	1.58	0.12	2.7	34.3	0.03	13.4	31.6	0.003	2.56
IGX043241	693080	5354574	0.38	242	0.89	3.38	4.1	2.4	0.02	1.2	55.3	0.001	0.01
IGX043242	693089	5354566	2.21	1625	0.28	1.78	3.2	52.8	0.05	1.1	20	0.001	0.48
IGX043243	693088	5354566	1.78	1330	0.18	1.65	2.8	37.1	0.05	1.9	9.7	0.001	1.36
IGX043244	693083	5354569	1.75	1200	0.21	1.81	3.2	35.2	0.05	0.9	6.9	0.002	0.56
IGX043245	693086	5354571	1.84	1115	0.23	1.21	2.4	31.7	0.04	0.9	5.3	0.001	0.12
IGX043246	693085	5354575	0.38	253	1.24	3.41	4.3	2.5	0.02	1.2	52.2	0.001	0.16
IGX043247	693085	5354575	3.11	917	0.16	2.04	6.8	125.5	0.1	1.5	36.2	0.001	0.03
IGX043248	693085	5354576	1.38	408	1.12	3.37	4.2	42	0.05	1.3	39.9	0.001	0.11
IGX043249	693084	5354576	3.63	962	0.37	0.52	4.4	157	0.1	1.9	33.5	0.001	0.09
IGX043251	693087	5354559	2.18	1245	0.25	1.68	3.6	52	0.05	0.6	19.8	0.001	0.18
IGX043252	693086	5354558	0.46	355	0.37	0.28	1	13.8	0.01	0.6	18.3	0.001	0.26
IGX043253	693086	5354558	0.7	455	0.47	0.14	2.1	26.1	0.03	1.5	42.6	0.001	0.24
IGX043254	693085	5354557	1.27	773	0.45	0.16	2.9	43.5	0.04	1.5	83.4	0.001	0.24
IGX043255	693085	5354557	0.58	404	0.38	0.21	1.5	21.3	0.02	1.4	52.5	0.001	0.23
IGX043256	693084	5354556	0.27	390	0.27	0.14	0.6	5.4	0.01	0.25	10.4	0.001	0.02
IGX043257	693084	5354556	0.14	229	0.35	0.03	0.5	7.2	0	0.25	11.2	0.001	0.02
IGX043258	693083	5354555	1.63	941	0.4	2.4	2.6	36	0.04	0.7	15.1	0.002	0.7
IGX043259	693083	5354554	1.51	879	0.23	2.22	2.8	36	0.04	0.6	17.4	0.001	0.71
IGX043261	693082	5354554	2.74	1390	1.12	1.29	3.7	81.9	0.05	1.4	8.9	0.003	3.17
IGX043262	693083	5354561	1.22	714	0.31	1.02	2.2	27.8	0.03	0.6	14.5	0.001	0.15
IGX043263	693082	5354560	0.43	339	0.47	0.24	1.3	19.2	0.01	0.9	55.2	0.001	0.37
IGX043264	693082	5354559	0.35	306	0.44	0.14	1	15	0.01	0.25	31.1	0.001	0.08
IGX043265	693081	5354558	0.28	538	0.25	0.07	0.6	8.7	0.01	0.25	13.3	0.001	0.02
IGX043266	693080	5354563	1.02	603	0.39	0.76	1.9	26.8	0.03	2.6	24.1	0.001	0.4
IGX043267	693079	5354563	0.63	411	0.37	0.28	1.3	20.6	0.02	1.3	31.9	0.001	0.29
IGX043268	693079	5354563	0.55	394	0.37	0.21	1.3	19.2	0.01	0.9	41.1	0.001	0.17
IGX043269	693078	5354562	0.24	207	0.43	0.1	0.7	9	0.01	0.25	18	0.001	0.08
IGX043271	693078	5354562	0.17	309	0.29	0.02	0.4	7	0	0.25	14.1	0.001	0.02

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043272	693081	5354568	1.98	1565	0.29	2.07	3.3	51.9	0.05	0.9	8.1	0.001	0.27
IGX043273	693080	5354568	2.42	1895	0.27	2.34	4	58.2	0.06	1	4	0.003	0.47
IGX043274	693080	5354568	2.28	1625	0.43	2.32	3.8	55.6	0.06	1.2	7.3	0.004	0.69
IGX043275	693080	5354567	2.46	1595	0.17	2.38	3.8	58	0.06	1.1	11.4	0.001	0.47
IGX043276	693079	5354567	2.65	1625	0.2	1.33	3.9	61.7	0.06	1.2	42.3	0.001	0.33
IGX043277	693079	5354567	2.54	1400	0.23	1.25	3.7	55.6	0.06	0.8	38.9	0.001	0.33
IGX043278	693078	5354566	2.67	1350	0.33	0.95	3.4	50.7	0.05	0.8	30.9	0.001	0.17
IGX043279	693078	5354566	1.4	759	0.4	0.82	2.5	39.2	0.03	0.7	25.6	0.001	0.29
IGX043281	693077	5354565	0.52	369	0.74	0.35	1.1	20.3	0.01	2.5	24.4	0.001	0.28
IGX043282	693077	5354564	0.51	331	0.47	0.32	1.1	16.4	0.01	0.6	16.4	0.001	0.1
IGX043283	693076	5354564	0.24	388	0.46	0.03	0.7	10.9	0.01	0.25	18.5	0.001	0.04
IGX043284	693075	5354561	3.46	1470	0.38	1.72	4.6	89.3	0.05	1	13.8	0.001	0.11
IGX043285	693075	5354560	3.34	1495	0.43	1.64	4.7	86.5	0.06	1.9	12	0.001	0.19
IGX043286	693073	5354559	3.3	1460	0.41	1.28	4.4	94.9	0.05	3.8	15.2	0.001	0.06
IGX043287	693072	5354558	3.58	1540	0.36	1.36	4.6	92.8	0.06	4.1	8.6	0.001	0.05
IGX043288	693076	5354565	1.14	693	0.39	0.69	1.9	25.9	0.03	1	19.2	0.001	0.23
IGX043289	693076	5354565	0.4	345	0.34	0.24	0.9	13.2	0.01	0.25	17.3	0.001	0.19
IGX043291	693075	5354564	0.48	343	0.3	0.3	1.3	17.1	0.01	0.25	27.1	0.001	0.11
IGX043292	693075	5354564	0.16	152	0.31	0.13	0.6	6.7	0.01	0.25	14.1	0.001	0.04
IGX043293	693075	5354563	0.07	122	0.24	0.02	0.3	3.4	0	0.25	13.2	0.001	0.05
IGX043294	693075	5354568	2.78	1720	0.18	1.17	3.6	47.5	0.06	0.25	15.6	0.001	0.03
IGX043295	693075	5354567	1.9	1180	0.21	1.1	2.6	34.5	0.04	0.25	10.8	0.001	0.06
IGX043296	693074	5354567	1.85	1095	0.18	1.57	2.9	38.2	0.04	0.5	3.2	0.001	0.14
IGX043297	693074	5354566	0.45	475	0.27	0.4	0.9	14.7	0.01	0.25	16	0.001	0.2
IGX043298	693073	5354566	0.54	414	0.32	0.35	1.2	18.6	0.01	0.5	26.4	0.001	0.19
IGX043299	693073	5354566	0.51	362	0.34	0.29	1	16.8	0.01	0.25	25.3	0.001	0.16
IGX043301	693073	5354565	0.66	391	0.75	0.35	1.2	23	0.01	2.9	15.6	0.001	0.29
IGX043302	693079	5354579	2.66	1950	0.15	1.68	2.9	39.5	0.05	1.7	0.3	0.002	0.17
IGX043303	693078	5354580	2.93	1865	0.14	1.67	3	45.4	0.05	1.4	0.3	0.002	0.31
IGX043304	693078	5354580	2.92	1425	0.17	1.6	2.9	38.3	0.04	1.1	1.6	0.002	0.49
IGX043305	693077	5354581	2.92	1730	0.16	1.19	3.1	41.1	0.05	1.4	1.6	0.002	0.18
IGX043306	693077	5354581	2.81	1745	0.14	0.89	2.8	47.3	0.04	1.7	0.8	0.002	0.11
IGX043307	693076	5354582	2.33	1720	0.22	1.89	3.2	46.6	0.05	1.7	0.4	0.002	0.18
IGX043308	693076	5354582	2.96	1405	0.21	1.14	2.9	48.4	0.04	1.1	0.3	0.002	0.36
IGX043309	693075	5354583	3.2	1625	0.21	1.68	3.2	55	0.05	1.2	0.2	0.002	0.35
IGX043311	693074	5354584	2.94	1650	0.22	1.58	3.3	58.6	0.05	1.3	1	0.002	0.35
IGX043312	693074	5354584	2.83	1865	0.4	1.59	3.2	54.7	0.05	1.4	0.6	0.003	0.26

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043313	693073	5354585	2.77	1755	0.29	1.43	2.9	52.6	0.05	1.1	3	0.003	0.07
IGX043314	693073	5354585	2.67	1820	0.13	1.91	3	52.6	0.05	1.2	1.2	0.001	0.1
IGX043315	693072	5354586	2.88	1810	0.12	1.94	3	47.2	0.05	1	0.7	0.002	0.11
IGX043316	693072	5354587	2.8	1790	0.4	2.03	3.3	51	0.05	1.2	0.5	0.003	0.17
IGX043317	693071	5354587	2.69	1820	0.2	2.05	3.2	48.8	0.05	1.2	0.4	0.003	0.2
IGX043318	693071	5354588	2.97	1505	0.19	2.16	3.4	54.3	0.05	1.2	0.4	0.002	0.29
IGX043319	693070	5354588	2.8	1655	0.2	2.25	3.1	52.1	0.05	1.6	0.6	0.003	0.45
IGX043321	693070	5354589	2.26	2060	0.17	2.36	3.5	40.8	0.05	2	0.8	0.003	0.92
IGX043322	693069	5354589	2.1	1990	0.2	2.13	3.5	37.4	0.05	2	0.8	0.002	0.83
IGX043323	693076	5354585	2.49	1170	0.4	1.05	2.3	41.3	0.03	1.2	0.5	0.002	0.46
IGX043324	693070	5354586	3.01	1475	0.2	1.67	3	52.7	0.05	1.2	0.5	0.001	0.47
IGX043325	693069	5354586	3.34	1555	0.39	1.53	3.2	51.7	0.05	1.1	0.3	0.004	0.13
IGX043326	693069	5354586	3.19	1490	0.35	1.44	2.9	49	0.04	1.2	0.3	0.003	0.49
IGX043327	693069	5354586	3.71	1765	0.31	1.55	3.3	55.8	0.05	1	0.4	0.004	0.16
IGX043328	693068	5354586	3.39	1565	0.26	1.33	2.9	47.6	0.04	1	0.7	0.002	0.31
IGX043329	693068	5354585	3.41	1630	0.24	1.26	3.2	46.6	0.05	0.8	0.2	0.002	0.13
IGX043331	693068	5354585	3.58	1605	0.23	1.3	3	52.4	0.05	0.8	0.8	0.001	0.12
IGX043332	693067	5354585	3.28	1460	0.25	1.33	2.8	50.2	0.04	0.9	1	0.002	0.35
IGX043333	693073	5354571	0.26	201	0.66	2.27	3.4	3.1	0.01	0.9	49.6	0.001	0.03
IGX043334	693072	5354570	0.31	304	3.19	0.02	1	14.2	0.02	11.4	12.3	0.004	5.63
IGX043335	693072	5354570	0.84	514	0.99	0.02	1.3	21.1	0.02	7	16	0.001	4.9
IGX043336	693071	5354569	1.45	757	0.51	0.62	2.4	38.7	0.03	1	22.2	0.001	0.34
IGX043337	693071	5354569	0.26	290	0.48	0.3	1	11.6	0.01	1	34.7	0.001	0.32
IGX043338	693070	5354568	0.15	227	0.42	0.11	0.6	7.3	0	0.5	18.5	0.001	0.19
IGX043339	693070	5354568	0.37	277	0.42	0.27	1	13.2	0.01	0.5	15.9	0.001	0.12
IGX043341	693071	5354573	3.24	797	0.4	1.36	8	157	0.08	1.4	56.4	0.001	0.04
IGX043342	693070	5354573	0.84	484	0.71	0.26	1.2	32.1	0.01	1	4.7	0.001	0.25
IGX043343	693070	5354572	0.95	508	2.11	0.51	2.7	26.8	0.03	2.3	48.4	0.002	1.91
IGX043344	693069	5354572	0.66	494	0.44	0.66	1.5	24.1	0.02	2	16.8	0.001	0.69
IGX043345	693068	5354571	0.54	368	0.45	0.37	1.2	17.4	0.01	0.6	17.5	0.001	0.18
IGX043346	693068	5354576	1.9	1010	0.27	0.84	2.5	33.3	0.04	0.5	14.1	0.001	0.04
IGX043347	693067	5354575	0.91	534	0.37	0.53	1.4	22.3	0.02	1	18.8	0.001	0.27
IGX043348	693067	5354575	1.36	699	0.85	1.13	3.4	52.1	0.05	3.2	10.8	0.001	0.48
IGX043349	693070	5354579	2.73	1490	0.29	0.87	3.4	48.3	0.05	1.2	20.1	0.002	0.27
IGX043351	693041	5354624	2.92	1885	0.27	2.31	3	40.3	0.05	1.2	0.3	0.001	0.21
IGX043352	693041	5354625	2.75	1700	0.18	2.39	2.6	34.3	0.05	0.9	0.3	0.001	0.17
IGX043353	693041	5354625	2.82	1760	0.25	2.07	2.9	38	0.04	1.2	0.4	0.002	0.18

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043354	693041	5354626	3.01	1630	0.21	2.26	2.8	36.7	0.05	1.1	0.5	0.002	0.07
IGX043355	693040	5354626	3.06	1650	0.14	2.06	3	40.4	0.05	1.3	0.5	0.001	0.32
IGX043356	693037	5354625	3.08	1770	0.23	1.86	3.1	39.4	0.04	1.5	0.5	0.001	0.56
IGX043357	693037	5354625	3.15	1955	0.16	2.04	3.3	40.9	0.05	1	0.5	0.001	0.04
IGX043358	693036	5354624	2.88	1545	0.23	1.87	3	38.1	0.05	1.1	0.8	0.001	0.54
IGX043359	693031	5354636	1.75	955	0.51	3.69	4	29.2	0.06	1.5	4.4	0.001	0.03
IGX043361	693031	5354636	0.93	466	0.4	3.57	4.5	12.8	0.08	2.2	47	0.001	0.01
IGX043362	693030	5354637	0.89	463	0.16	2.86	4.7	12.5	0.08	2.1	65.2	0.001	0.04
IGX043363	693030	5354637	0.85	473	0.16	3.13	4.9	12.6	0.07	2	59	0.001	0.07
IGX043364	693030	5354638	0.89	425	0.15	4.22	4.2	11.8	0.07	1.5	22	0.001	0.03
IGX043365	693030	5354639	1.69	1025	0.45	3.85	3.8	39.3	0.06	1.6	9.1	0.001	0.16
IGX043366	693040	5354606	0.84	584	0.54	0.81	1.9	26.6	0.02	1.2	12.4	0.001	0.32
IGX043367	693039	5354606	0.24	254	0.35	0.11	0.8	9.2	0.01	0.6	24.9	0.001	0.13
IGX043368	693039	5354606	1.09	639	0.42	0.2	2.1	28.6	0.03	0.7	27.8	0.001	0.15
IGX043369	693039	5354609	1.74	1015	0.75	1.05	2.9	42.6	0.04	3	21.1	0.001	0.63
IGX043371	693039	5354608	0.35	515	0.57	0.39	0.9	12.9	0.01	1.1	15.2	0.002	0.47
IGX043372	693038	5354608	0.39	325	0.39	0.52	1.4	15.4	0.02	1.1	68.8	0.001	0.18
IGX043373	693038	5354608	0.8	483	0.3	0.54	1.4	24.7	0.02	0.25	27.1	0.001	0.09
IGX043374	693038	5354611	1.91	1190	0.25	2.06	2.6	26.8	0.04	0.7	12.5	0.001	0.03
IGX043375	693038	5354610	0.84	534	0.24	4.17	3.5	10.7	0.06	0.7	39	0.001	0.04
IGX043376	693037	5354610	2.21	1130	0.49	1.58	3.8	64.3	0.05	0.9	37.2	0.002	0.16
IGX043377	693037	5354610	0.58	593	0.44	0.47	1.3	19.8	0.01	0.7	20.8	0.001	0.34
IGX043378	693037	5354610	0.26	381	0.5	0.07	0.8	13	0.01	0.7	20.2	0.001	0.52
IGX043379	693038	5354614	1.3	1355	0.33	0.34	2.9	26.8	0.05	1	79.8	0.001	0.01
IGX043381	693038	5354613	1.57	2000	0.22	0.12	2.9	37.9	0.05	0.9	62.2	0.001	0.13
IGX043382	693037	5354613	1.59	1625	0.3	0.06	3.1	36	0.05	1	76.8	0.003	0.36
IGX043383	693037	5354612	1.93	1725	0.28	0.04	2.8	38.5	0.05	0.7	70.4	0.002	0.27
IGX043384	693036	5354612	2.04	1635	0.35	0.4	3.1	36.7	0.04	0.9	85.1	0.002	0.18
IGX043385	693036	5354611	2.49	1680	0.24	0.61	2.9	39.9	0.05	0.6	48.7	0.001	0.15
IGX043386	693035	5354611	1	721	0.44	0.66	1.9	25.9	0.02	0.7	25	0.001	0.21
IGX043387	693035	5354610	1.03	632	0.39	0.88	1.9	30.5	0.02	0.6	26.3	0.001	0.1
IGX043388	693022	5354631	3.43	1645	0.18	1.55	2.5	59.4	0.04	0.9	1.7	0.002	0.39
IGX043389	693023	5354631	3.21	1570	0.19	1.37	2.5	51.6	0.04	1.1	2.7	0.002	0.37
IGX043391	693023	5354630	2.67	1245	0.23	1.25	2.1	43.5	0.04	1.2	1.6	0.001	0.85
IGX043392	693023	5354630	3.36	1735	0.17	1.42	2.7	51.4	0.04	1	1.5	0.001	0.42
IGX043393	693023	5354629	3.14	1660	0.25	1.62	2.7	45.7	0.04	1.2	1.6	0.002	0.61
IGX043394	693023	5354629	3.21	1590	0.26	1.63	2.8	58.1	0.05	1.6	2.4	0.002	0.63

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043395	693034	5354619	2.72	1415	0.28	1.7	2.7	37.8	0.04	0.6	3.2	0.002	0.32
IGX043396	693034	5354619	2.75	1625	0.16	1.67	2.8	37.3	0.05	0.7	1.9	0.002	0.35
IGX043397	693034	5354618	3.22	1555	0.14	1.7	3	42.3	0.05	0.5	1.5	0.001	0.13
IGX043398	693034	5354617	3.16	1525	0.17	1.79	3	42.5	0.05	0.7	2.4	0.002	0.22
IGX043399	693030	5354618	3.01	1490	0.16	1.54	2.6	37.9	0.05	0.8	2.3	0.001	0.05
IGX043401	693076	5354598	2.42	2110	0.83	0.06	2.7	31	0.05	1.4	6.5	0.002	1.1
IGX043402	693072	5354596	1.01	2180	0.42	0.04	1.5	18.5	0.03	2	20	0.001	0.96
IGX043403	693072	5354596	1.39	2180	0.83	0.01	2	20.6	0.04	2	1.9	0.003	1.76
IGX043404	693068	5354594	2.58	2890	0.25	0.46	2.8	55.1	0.05	1.7	43.7	0.001	0.12
IGX043405	693068	5354594	2.47	2990	0.32	0.1	3.1	46.7	0.05	1.3	27.4	0.001	0.17
IGX043406	693068	5354595	2.35	2830	0.25	0.15	2.9	43.5	0.05	1.8	24.4	0.003	0.33
IGX043407	693068	5354596	2.38	2600	0.64	0.05	2.8	41.2	0.05	2.2	20.8	0.001	0.75
IGX043408	693067	5354596	1.99	1410	1.84	0.37	2.1	33.3	0.06	5.6	14.9	0.002	2.23
IGX043409	693067	5354596	1.81	2750	1.37	0.01	2	39.3	0.04	4	6.5	0.006	3.33
IGX043411	693067	5354597	1.71	1710	0.47	0.23	2.1	26	0.05	4.5	4.3	0.003	1.78
IGX043412	693068	5354599	1.82	1930	0.72	0.06	2	28.5	0.04	2.3	2.9	0.003	2.58
IGX043413	693061	5354593	1.67	1185	0.26	0.25	1.5	44.4	0.02	0.8	9.3	0.002	0.03
IGX043414	693061	5354593	0.55	690	0.42	0.01	0.8	14.7	0.01	0.6	2.3	0.001	0.11
IGX043415	693061	5354594	0.43	823	0.49	0.19	0.9	9.3	0.02	1	5.2	0.002	0.29
IGX043416	693061	5354594	2.43	1765	0.41	0.76	4.3	75.5	0.08	2.2	36.2	0.001	0.17
IGX043417	693062	5354612	0.75	369	0.24	3.41	1.4	9.3	0.05	2.1	43.2	0.001	0.01
IGX043418	693062	5354613	0.77	345	0.19	3.21	1.5	8.8	0.06	2	51.5	0.001	0.01
IGX043419	693062	5354613	0.77	341	0.13	3.29	1.5	8.1	0.05	2.4	57.6	0.001	0.04
IGX043421	693062	5354614	0.84	410	0.17	3.32	1.8	10.1	0.06	2	50.8	0.001	0.02
IGX043422	693059	5354613	2.22	2010	0.43	0.44	3	28.5	0.05	1.7	27.3	0.002	0.25
IGX043423	693059	5354614	2.36	2150	0.39	0.47	3.3	26.6	0.06	4.1	18.3	0.003	0.23
IGX043424	693058	5354614	2.6	2150	0.31	0.16	3	22.1	0.06	1.3	15.1	0.001	0.2
IGX043425	693058	5354614	2.74	1780	0.24	0.15	4	40.1	0.07	1.1	12.8	0.002	0.03
IGX043426	693058	5354615	2.46	1665	0.21	0.41	3.6	36.2	0.06	2	41.6	0.001	0.01
IGX043427	693057	5354615	1.82	1440	1.42	0.62	3	31.9	0.04	2.4	10.9	0.005	1.75
IGX043428	693057	5354616	0.98	965	2.29	2.38	3.1	11	0.05	5.3	19.5	0.001	0.55
IGX043429	693057	5354616	0.79	549	0.21	3.14	3.1	7.8	0.06	2.2	48.3	0.001	0.02
IGX043431	693057	5354617	1.44	1175	0.49	1.87	3	22.3	0.05	1.9	37.6	0.001	0.1
IGX043432	693050	5354608	1.35	1035	0.09	3.34	2.6	17.9	0.05	0.9	11.1	0.003	0.03
IGX043433	693050	5354609	0.76	362	0.11	3.35	1.8	8.2	0.05	8	54.3	0.001	0.03
IGX043434	693050	5354610	0.7	360	0.11	3.25	1.8	8.2	0.05	1.5	57	0.001	0.02
IGX043435	693050	5354610	1.49	1415	0.14	2.06	2.5	21.1	0.05	1.6	39.3	0.001	0.22

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043436	693055	5354615	1.16	1225	1.29	0.43	2.5	20.3	0.05	2.2	20.4	0.004	0.59
IGX043437	693055	5354615	0.92	573	2.25	1.92	3.1	21.9	0.06	5.3	17.8	0.005	2.67
IGX043438	693047	5354612	2.47	2070	0.34	0.32	3.4	32	0.05	1.5	32.8	0.001	0.17
IGX043439	693047	5354612	0.82	576	0.24	3.11	3.9	7.6	0.06	1.8	59.9	0.002	0.02
IGX043441	693047	5354613	0.75	467	0.32	3.59	3.8	8.1	0.05	1.4	44.7	0.001	0.04
IGX043442	693047	5354613	1.51	1790	0.15	1.06	3.3	32.3	0.05	1.6	46.8	0.001	0.08
IGX043443	693046	5354614	1.71	2020	0.19	0.13	2.8	36.8	0.04	1.6	45.5	0.001	0.09
IGX043444	693046	5354614	1.86	2160	0.3	0.2	3.2	43.6	0.04	2.1	54.4	0.002	0.08
IGX043445	693042	5354620	2.95	2180	0.15	1.62	2.9	39.7	0.05	3.1	1.1	0.002	0.17
IGX043446	693042	5354620	2.85	1970	0.11	1.68	2.8	39	0.05	4	0.8	0.002	0.12
IGX043447	693042	5354621	2.8	1830	0.15	1.78	2.9	41.1	0.04	3.2	0.7	0.003	0.17
IGX043448	693042	5354621	2.7	1965	0.19	1.84	2.8	40.5	0.04	1.1	0.6	0.002	0.23
IGX043449	693042	5354622	2.97	1745	0.16	1.93	3	44.2	0.04	0.8	0.7	0.002	0.22
IGX043451	693070	5354579	2.92	1885	0.26	1.15	3.7	47.1	0.06	1.7	9	0.003	0.26
IGX043452	693069	5354578	2.78	1710	0.24	1.01	3.5	44.9	0.05	0.9	27.4	0.003	0.64
IGX043453	693069	5354578	2.95	1770	0.17	0.69	3.6	45.5	0.05	0.7	35.9	0.002	0.47
IGX043454	693068	5354578	2.59	1530	0.23	0.89	3.1	40.8	0.05	0.9	31.9	0.002	0.72
IGX043455	693068	5354577	2.66	1705	0.14	0.99	3.3	42.6	0.05	0.6	32.6	0.003	0.73
IGX043456	693068	5354577	2.11	1265	0.23	0.75	2.3	34.2	0.03	0.5	22.4	0.002	0.3
IGX043457	693067	5354577	1.99	1235	0.75	1.23	2.7	33.5	0.04	3	13	0.003	0.15
IGX043458	693067	5354576	1.56	890	0.35	0.96	2	26.9	0.03	0.9	13.6	0.001	0.12
IGX043459	693066	5354576	0.73	455	0.46	0.8	1.6	19	0.02	1.1	17.6	0.001	0.18
IGX043461	693066	5354575	0.41	475	0.36	0.44	1.2	16.8	0.01	1	28.7	0.001	0.17
IGX043462	693065	5354575	0.28	168	1.18	0.37	1.5	11.4	0.01	9.1	22.7	0.001	0.66
IGX043463	693064	5354574	0.31	217	0.54	0.25	0.9	18.4	0.01	3.4	22.6	0.001	1.26
IGX043464	693063	5354574	0.69	381	0.46	0.49	1.7	18.9	0.02	0.9	45.2	0.001	0.24
IGX043465	693063	5354573	0.31	211	0.5	0.28	1.2	13	0.01	1.5	30.6	0.001	0.18
IGX043466	693065	5354574	0.23	211	0.43	0.21	1	10.5	0.01	1.3	25.6	0.001	0.1
IGX043467	693067	5354572	1.18	647	0.34	0.94	2.2	35.2	0.03	3.6	23.8	0.001	0.16
IGX043468	693067	5354571	0.94	538	0.4	0.64	1.8	32.7	0.02	1.4	19.6	0.002	0.12
IGX043469	693065	5354569	3.45	1475	0.3	1.2	4.7	90	0.06	4	11.1	0.002	0.09
IGX043471	693064	5354569	3.61	1440	0.38	1.44	4.7	95.8	0.06	3.9	11.2	0.002	0.05
IGX043472	693063	5354569	3.75	1500	0.29	1.37	4.4	96.9	0.05	23.6	18.2	0.002	0.05
IGX043473	693063	5354573	2.96	1400	0.34	0.9	4.5	80.4	0.06	3.5	8.6	0.001	0.09
IGX043474	693062	5354573	3.52	1415	0.33	1.62	4.7	89.7	0.06	2.1	5.1	0.002	0.14
IGX043475	693062	5354573	3.41	1370	0.36	1.47	4.4	83.8	0.06	1.9	17.4	0.003	0.17
IGX043476	693061	5354572	3.28	1350	0.3	1.08	4.6	87.7	0.05	3.6	4.7	0.001	0.07

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043477	693061	5354572	3.67	1420	0.38	1.18	4.8	95.6	0.06	3.3	9.1	0.001	0.05
IGX043478	693061	5354572	3.77	1495	0.32	1.3	4.4	98.3	0.05	3.6	8.2	0.001	0.03
IGX043479	693060	5354571	3.68	1455	0.32	1.21	4.1	101	0.05	3.2	11.6	0.001	0.07
IGX043481	693069	5354581	2.97	1500	0.21	0.74	2.7	53	0.04	2.2	10.5	0.001	0.41
IGX043482	693054	5354580	2.64	1375	0.47	0.88	4.1	75.9	0.04	4.2	4.8	0.001	0.04
IGX043483	693054	5354580	3.62	1335	0.35	1.79	4.8	98.2	0.06	1.7	1.9	0.002	0.14
IGX043484	693054	5354579	3.65	1375	0.31	1.64	4.4	91.9	0.05	3.5	9.1	0.001	0.1
IGX043485	693053	5354579	3.29	1400	0.29	1.5	4.4	88.1	0.05	2.3	6.4	0.002	0.08
IGX043486	693053	5354578	3.59	1475	0.42	1.92	4.6	93.6	0.05	4.3	2.7	0.001	0.12
IGX043487	693052	5354578	3.29	1320	0.35	2.1	4.5	88.3	0.05	1.9	3	0.002	0.1
IGX043488	693051	5354577	3.18	1305	0.39	2.05	4.4	84.2	0.05	1.4	3.9	0.002	0.1
IGX043489	693065	5354578	0.64	494	0.33	0.74	1.5	20.9	0.02	0.6	21.5	0.001	0.1
IGX043491	693064	5354577	0.2	251	0.41	0.27	1	8.4	0.01	0.5	33.7	0.001	0.24
IGX043492	693063	5354580	2.13	1135	0.26	0.37	2.4	38	0.04	0.7	31.9	0.001	0.17
IGX043493	693063	5354579	0.9	592	1.25	0.49	1.4	25.2	0.02	5.2	12.1	0.002	0.18
IGX043494	693062	5354579	0.48	465	0.61	0.52	1.4	15.9	0.02	1.6	28.6	0.001	0.21
IGX043495	693061	5354580	0.5	358	0.51	0.58	1.5	17.2	0.02	1.1	18.1	0.001	0.2
IGX043496	693061	5354582	1.91	1165	0.37	1.13	2.4	45.9	0.03	1.4	14.8	0.001	0.5
IGX043497	693060	5354582	0.72	618	0.43	0.63	1.8	23.2	0.02	0.8	22.7	0.001	0.13
IGX043498	693059	5354581	0.15	323	0.36	0.18	0.7	7.7	0.01	0.25	25.7	0.001	0.21
IGX043499	693059	5354581	0.37	404	0.48	0.41	1.3	13.6	0.01	0.5	26.8	0.001	0.34
IGX043501	693062	5354587	2.37	1220	0.12	2.24	3.1	39.7	0.05	1	5.4	0.001	0.94
IGX043502	693062	5354587	2.55	1315	0.13	1.73	3.4	38.1	0.05	1	2.1	0.002	0.66
IGX043503	693062	5354587	3.17	1665	0.22	1.73	3.4	54.1	0.05	1	3.3	0.002	0.68
IGX043504	693061	5354586	3.06	1795	0.14	1.42	3.1	47.6	0.05	0.8	4.5	0.001	0.33
IGX043505	693061	5354586	2.86	1790	0.18	1.49	3	47.6	0.05	0.8	5.7	0.002	0.46
IGX043506	693060	5354585	3.22	1780	0.19	1.31	3.1	51.2	0.05	0.9	10.7	0.002	0.16
IGX043507	693060	5354585	2.59	1410	0.23	1.12	2.9	38.4	0.04	0.6	5.5	0.002	0.26
IGX043508	693060	5354585	2.37	1265	0.23	1.19	2.4	42.6	0.04	0.6	15.9	0.002	0.31
IGX043509	693059	5354585	1.8	1075	0.21	1.08	2	33.8	0.03	0.7	8.1	0.001	0.24
IGX043510	693059	5354584	2.43	1290	0.19	0.95	2.4	45.3	0.04	0.5	14.3	0.001	0.08
IGX043511	693059	5354584	1.63	864	0.69	0.99	2.4	40.1	0.03	1.8	8.5	0.001	0.46
IGX043512	693058	5354584	0.75	613	0.49	0.77	1.9	22.1	0.02	0.9	16.6	0.001	0.19
IGX043513	693058	5354583	0.25	366	0.34	0.26	0.8	9.8	0.01	0.9	13	0.001	0.3
IGX043515	693062	5354588	1.82	1090	0.33	1.41	2.6	29.6	0.04	1.4	1.7	0.002	0.78
IGX043516	693056	5354595	2.66	2010	0.2	0.4	3.8	32.9	0.06	0.8	39.8	0.001	0.01
IGX043517	693056	5354594	2.88	1775	0.13	0.02	3.6	30.1	0.06	0.25	25.8	0.001	0.01

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043518	693056	5354593	2.02	1340	0.62	0.4	3.8	64.2	0.06	1.9	9.3	0.001	0.51
IGX043519	693056	5354593	2.79	1560	0.33	0.88	2.8	65.9	0.04	0.7	5.5	0.001	0.29
IGX043521	693057	5354592	1.57	1040	0.92	0.01	1.7	30.7	0.03	1.3	10.4	0.001	0.41
IGX043522	693057	5354592	2.9	1620	0.23	0.09	4.1	41.1	0.06	0.25	78.9	0.001	0.01
IGX043523	693057	5354591	2.62	1725	0.24	0.24	3.4	36.4	0.05	0.6	68.3	0.001	0.01
IGX043524	693057	5354590	1.4	1170	0.32	0.07	1.9	21.2	0.03	0.8	29.5	0.001	0.13
IGX043525	693050	5354601	2.44	2030	0.25	0.81	3.6	32.6	0.06	0.9	49.5	0.001	0.01
IGX043526	693050	5354601	2.6	1640	0.24	0.49	3.8	32.9	0.06	0.7	49.7	0.001	0.1
IGX043527	693049	5354601	2.32	1265	0.18	0.45	3.7	23	0.06	0.8	59.5	0.001	0.02
IGX043528	693048	5354600	2.06	1255	0.25	0.38	3.2	25	0.05	0.6	41.7	0.001	0.07
IGX043529	693048	5354600	2.11	1080	0.67	0.76	3	27.1	0.05	2.3	39	0.001	0.02
IGX043531	693048	5354600	2.03	1150	0.33	0.77	2.7	26.8	0.04	0.7	21.6	0.001	0.05
IGX043532	693047	5354599	0.89	737	0.57	0.68	1.7	24.7	0.02	1.1	11.5	0.001	0.17
IGX043533	693047	5354599	0.18	259	0.35	0.19	0.7	7.8	0.01	0.25	11.4	0.001	0.15
IGX043534	693047	5354601	1.87	1005	0.4	0.63	2.8	28	0.05	0.9	35.7	0.005	0.38
IGX043535	693046	5354600	0.69	599	0.4	0.41	1.2	15.2	0.02	1	13.6	0.001	0.27
IGX043536	693046	5354600	0.1	298	0.28	0.12	0.4	4.3	0	0.6	15	0.001	0.2
IGX043537	693044	5354605	2.43	1490	0.22	1.83	3.5	30.6	0.06	0.8	0.8	0.002	0.11
IGX043538	693044	5354604	2.6	1505	0.1	1.98	3.5	31.8	0.06	0.6	0.4	0.001	0.05
IGX043539	693043	5354604	2.42	1315	0.23	1.39	3.4	30.9	0.06	0.6	18.7	0.001	0.09
IGX043541	693043	5354604	1.42	763	0.37	1.15	2.4	28	0.03	1	8.8	0.001	0.19
IGX043542	693043	5354603	2.21	1210	0.3	1.38	2.8	26.5	0.05	0.7	1.4	0.003	0.25
IGX043543	693042	5354604	0.17	323	0.37	0.22	0.8	7.3	0.01	0.5	18.5	0.001	0.16
IGX043544	693042	5354604	0.99	663	0.49	0.83	1.9	23.7	0.03	1.6	10.8	0.001	0.38
IGX043545	693042	5354608	2.58	1995	0.23	0.77	4.4	22.7	0.07	0.7	33.8	0.002	0.03
IGX043546	693042	5354608	1.39	883	0.25	2.24	2.9	16.4	0.05	0.9	58.6	0.001	0.11
IGX043547	693041	5354607	0.72	392	0.14	3.18	2.5	8.7	0.05	0.8	67.9	0.001	0.02
IGX043548	693041	5354607	0.8	458	0.21	3.16	2.4	11.7	0.04	0.7	38.7	0.001	0.03
IGX043549	693040	5354607	1.58	829	0.23	1.64	2.6	26.7	0.04	0.9	8.3	0.002	0.22
IGX043551	693029	5354617	2.77	1190	0.12	1.38	2.6	35	0.05	0.6	9.6	0.001	0.17
IGX043552	693029	5354617	3.03	1290	0.23	1.89	3.1	39.9	0.05	1	3.1	0.002	0.43
IGX043553	693028	5354616	3.18	1295	0.22	1.71	3	41.8	0.05	0.8	2.2	0.002	0.27
IGX043554	693028	5354616	2.68	1150	0.25	1.27	2.6	38.2	0.04	0.7	7.9	0.001	0.26
IGX043555	693026	5354618	0.07	188	0.27	0.02	0.3	4.2	0	0.5	11.5	0.001	0.09
IGX043556	693025	5354618	0.55	428	0.4	0.34	1.1	19	0.01	0.5	17.8	0.001	0.11
IGX043557	693025	5354618	0.86	449	0.32	0.65	1.8	25.8	0.02	0.5	40.6	0.001	0.08
IGX043558	693024	5354617	1.12	538	0.3	0.92	2.3	39.8	0.03	0.9	16.2	0.001	0.32

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043559	693040	5354607	1.78	1065	0.24	0.94	1.7	24.1	0.02	0.7	2.8	0.001	0.08
IGX043561	693026	5354621	2.48	1340	0.29	1.61	2.6	36.1	0.04	1.1	2.5	0.002	0.61
IGX043562	693025	5354620	2.91	1415	0.14	2.05	3.1	39.5	0.05	0.7	4.3	0.002	0.11
IGX043563	693025	5354620	1.73	930	0.17	1.08	1.8	26.4	0.03	0.8	5.4	0.001	0.18
IGX043564	693025	5354620	1.15	610	0.28	0.65	1.4	27	0.02	0.8	12.5	0.001	0.53
IGX043565	693024	5354619	0.3	426	0.31	0.28	0.6	19.2	0.01	1.4	13.1	0.001	0.43
IGX043566	693024	5354619	1.56	810	0.37	1.17	2.9	49.4	0.03	0.7	17.8	0.001	0.12
IGX043567	693033	5354628	3.09	1700	0.18	1.66	2.6	55.4	0.04	1.3	0.9	0.001	0.29
IGX043568	693032	5354627	3.27	1720	0.2	1.93	3.1	55.7	0.05	1.2	0.9	0.001	0.54
IGX043569	693031	5354627	2.87	1525	0.17	1.79	3	47.3	0.05	1.3	1.9	0.002	0.41
IGX043571	693031	5354626	3.05	1460	0.13	1.85	3.1	38.3	0.05	1	0.8	0.001	0.29
IGX043572	693030	5354625	3.05	1500	0.13	1.71	2.9	36.4	0.05	1.8	1.1	0.001	0.26
IGX043573	693029	5354625	2.98	1460	0.24	1.76	3	37.7	0.05	1.6	1.2	0.002	0.75
IGX043574	693029	5354624	2.92	1505	0.11	1.96	3	38.2	0.05	1.5	1.7	0.001	0.47
IGX043575	693028	5354624	2.89	1490	0.15	2.01	3.1	38.9	0.05	1.1	1.3	0.001	0.88
IGX043576	693028	5354623	2.93	1480	0.16	1.86	3.1	40.2	0.05	1.2	2.1	0.001	0.47
IGX043577	693027	5354623	3.07	1460	0.19	1.93	3.1	41.8	0.05	1.2	2.4	0.001	0.59
IGX043578	693026	5354622	3.08	1650	0.24	1.63	2.5	41.9	0.04	1	2.1	0.001	0.35
IGX043579	693025	5354622	3.1	1560	0.21	1.75	2.8	37.7	0.05	0.9	3.4	0.001	0.41
IGX043581	693023	5354621	0.44	331	0.43	0.22	1	15.4	0.01	0.5	20.3	0.001	0.37
IGX043582	693022	5354621	1.28	686	0.37	0.77	2.2	38.7	0.03	0.6	14.6	0.001	0.07
IGX043583	693022	5354620	1	543	0.53	1.03	2.9	26.8	0.03	1.9	42.3	0.001	0.11
IGX043584	693021	5354619	1.99	977	0.43	1.49	3.3	45.1	0.05	1.1	48.6	0.001	0.35
IGX043585	693020	5354619	2.41	1265	0.55	1.56	3.8	60.5	0.05	1.7	44.7	0.001	0.98
IGX043586	693020	5354619	3.11	1215	0.34	1.83	4.5	87.3	0.06	0.8	18.2	0.001	0.16
IGX043587	693019	5354618	3.29	1300	0.29	2.05	4.9	91.4	0.06	1.1	13.2	0.001	0.15
IGX043588	693019	5354618	3.2	1320	0.29	2.01	5	92	0.06	1.4	24.9	0.002	0.15
IGX043589	693018	5354617	3.09	1260	0.3	1.86	4.9	87.8	0.06	1.1	35.4	0.001	0.2
IGX043591	693018	5354617	1.91	1010	0.24	2.11	3.3	51.2	0.04	1.1	12	0.001	0.09
IGX043592	693017	5354616	1.75	956	0.33	3.45	3.9	40.2	0.06	0.8	16.8	0.003	0.06
IGX043593	693017	5354616	1.7	892	0.53	3.65	4	40.9	0.06	0.7	18.3	0.004	0.16
IGX043594	693022	5354625	2.84	1625	0.18	1.66	3.2	37.4	0.05	1.4	4.2	0.001	0.46
IGX043595	693022	5354625	2.46	1320	0.24	1.82	3	35.6	0.05	2.4	4.4	0.001	1.58
IGX043596	693021	5354624	2.39	1325	0.22	1.74	2.7	34.7	0.04	2	4	0.001	1.49
IGX043597	693021	5354624	0.55	541	0.27	0.47	0.7	12.8	0.01	1.5	5.9	0.001	0.31
IGX043598	693021	5354624	0.2	247	0.37	0.15	0.5	8.2	0.01	0.8	14	0.001	0.92
IGX043599	693020	5354623	0.32	253	0.5	0.2	0.9	12	0.01	0.6	30	0.004	0.24

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043601	693020	5354623	1.67	878	0.68	1.14	2.8	53.2	0.04	2	14.8	0.001	0.05
IGX043602	693020	5354623	1.24	661	0.34	1.01	2.2	35.9	0.03	0.7	14.7	0.001	0.08
IGX043603	693019	5354622	1.15	585	0.3	1.06	2.4	40.3	0.04	1.2	24.8	0.001	0.13
IGX043604	693021	5354622	1	548	0.4	0.63	1.8	30.2	0.02	0.6	17.5	0.001	0.09
IGX043605	693021	5354621	1.18	664	0.38	0.6	2.4	35.5	0.03	1.3	74.2	0.001	0.13
IGX043606	693019	5354624	1.25	600	0.26	1.54	3.4	56.8	0.05	0.8	22.2	0.001	0.05
IGX043607	693018	5354624	1.64	777	0.43	0.9	3.1	55.9	0.04	3.5	77.1	0.001	0.35
IGX043608	693017	5354623	2.58	1095	0.36	2.19	3.7	51.8	0.06	1.4	24.6	0.003	0.8
IGX043609	693017	5354623	2.43	1090	0.47	1.48	4.2	68.3	0.05	0.8	33.3	0.001	0.13
IGX043610	693017	5354622	2.77	1270	0.63	2.8	4.6	70	0.05	1	19.7	0.001	0.23
IGX043611	693016	5354622	2.09	909	0.41	1.45	4.2	51.1	0.06	0.8	88.9	0.001	0.23
IGX043612	693016	5354622	2.1	994	0.56	2.1	4.1	44.8	0.06	0.6	61.5	0.002	0.23
IGX043613	693016	5354621	2.66	1120	0.47	1.8	4.1	74.2	0.06	0.7	39.5	0.002	0.07
IGX043616	693015	5354620	2.61	1275	0.46	1.76	3.9	69.8	0.05	0.9	30.9	0.003	0.14
IGX043617	693015	5354620	1.64	859	0.46	0.56	2.5	31.7	0.04	1.1	28.1	0.001	0.38
IGX043618	693018	5354627	2.28	1185	0.17	1.74	2.4	32.7	0.04	1.2	5.6	0.001	0.82
IGX043619	693017	5354627	0.58	421	0.37	0.55	1	16.3	0.01	1.1	11	0.002	0.78
IGX043621	693017	5354627	0.09	115	0.34	0.06	0.4	5	0	0.6	16.6	0.004	0.39
IGX043622	693017	5354627	1.77	902	0.65	1.44	3.2	58.4	0.04	0.7	15.3	0.002	0.05
IGX043623	693017	5354626	1.6	831	0.92	0.95	2.7	48.9	0.03	0.7	21.5	0.002	0.14
IGX043624	693017	5354630	1.94	1005	0.6	3.04	3.5	24.8	0.06	1.3	4.5	0.001	0.26
IGX043625	693017	5354631	0.93	444	0.87	4.23	4.6	13	0.07	1.6	30.5	0.001	0.19
IGX043626	693017	5354631	0.83	432	2.49	4.27	4.8	12.7	0.06	1.2	36.9	0.001	0.06
IGX043627	693016	5354632	0.88	428	1.63	3.8	4.9	12.5	0.07	1.3	50.6	0.001	0.03
IGX043628	693016	5354632	0.81	426	1.24	5.08	4.8	12	0.07	1.1	4.7	0.001	0.03
IGX043629	693016	5354633	1.76	865	1.44	4.12	4	27.8	0.06	1.1	1.3	0.001	0.03
IGX043631	693016	5354628	2.07	993	0.19	1.39	2.1	31.2	0.04	0.9	4.9	0.001	0.67
IGX043632	693016	5354628	0.4	352	0.29	0.27	0.6	11.2	0.01	0.9	12.9	0.003	0.59
IGX043633	693015	5354627	0.47	273	0.43	0.24	1	17.4	0.01	0.6	27.9	0.001	0.37
IGX043634	693015	5354627	1.66	810	0.55	1.03	3	51	0.04	2.6	38.9	0.001	0.66
IGX043635	693015	5354627	0.79	432	0.44	0.64	1.7	22.4	0.02	1.5	41.6	0.001	0.35
IGX043636	693014	5354626	0.94	475	1	0.89	2.2	34.8	0.03	5.5	26.9	0.003	1.94
IGX043637	693014	5354632	1.98	1030	8.39	3.43	3.7	31.9	0.06	1	2.4	0.003	0.05
IGX043638	693014	5354632	2.02	962	0.58	2.79	3.3	28.8	0.05	1.4	14.7	0.001	0.21
IGX043639	693013	5354631	0.92	421	0.43	3.64	4.2	11.6	0.07	0.9	38.3	0.001	0.13
IGX043641	693013	5354631	1.07	491	0.29	4.02	4.3	13.3	0.07	0.8	16.8	0.001	0.08
IGX043642	693013	5354630	0.79	465	0.9	4.57	4.2	12.3	0.06	1	7.6	0.001	0.05

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043643	693013	5354630	0.08	530	0.29	0.78	0.7	5.9	0.01	0.8	12.1	0.002	0.56
IGX043644	693012	5354629	0.21	196	0.39	0.16	0.6	8.6	0.01	0.6	16.5	0.005	0.42
IGX043645	693013	5354631	0.4	505	0.45	2.04	1.9	10.8	0.03	1.1	8.8	0.004	0.39
IGX043646	693012	5354631	0.08	462	0.54	0.06	0.1	5.8	0	1.3	13.9	0.006	0.48
IGX043647	693012	5354631	0.03	99	0.56	0.02	0.3	2.9	0	0.6	12.4	0.002	0.37
IGX043648	693012	5354631	0.55	396	0.56	0.37	1.2	20.1	0.01	0.7	28.7	0.006	0.41
IGX043649	693014	5354633	2.39	1220	0.59	2.84	3.1	38.2	0.05	0.8	1.5	0.002	0.38
IGX043651	693011	5354633	2.57	1190	8.47	1.99	3	36.4	0.06	1.1	4.1	0.004	0.22
IGX043652	693011	5354632	1.72	839	1.16	1.86	2.8	29.3	0.04	1.1	4.2	0.001	0.38
IGX043653	693011	5354632	0.05	1100	0.37	0.1	0.3	3.4	0.01	1.2	12.4	0.004	0.12
IGX043654	693010	5354632	0.14	163	0.42	0.07	0.3	4	0	0.6	16.2	0.001	0.29
IGX043655	693010	5354632	0.38	266	0.37	0.18	0.9	11.1	0.01	0.8	16.1	0.001	0.32
IGX043656	693009	5354632	2.43	1245	0.23	1.8	3.4	68.4	0.05	0.5	27.5	0.001	0.11
IGX043657	693009	5354631	2.51	1260	0.21	1.71	3.4	73	0.05	0.5	33.4	0.001	0.11
IGX043658	693008	5354631	2.74	1355	0.2	1.7	4.1	81.1	0.05	0.8	27.6	0.001	0.16
IGX043659	693008	5354630	2.59	1310	0.23	1.64	4.3	78.8	0.06	0.9	25.6	0.001	0.17
IGX043661	693008	5354630	2.71	1190	0.23	1.92	4.6	83.5	0.06	0.9	26.9	0.001	0.16
IGX043662	693007	5354630	3.12	1280	0.25	2.06	5.3	96.6	0.07	1.2	27	0.001	0.18
IGX043663	693007	5354629	2.89	1255	0.34	1.75	4.9	86.7	0.06	1	42.2	0.003	0.18
IGX043664	693006	5354630	1.91	843	0.35	1.74	15.2	18.9	0.08	1.4	23.6	0.001	0.51
IGX043665	693004	5354633	2.36	1040	0.42	0.53	6.5	24.8	0.12	0.8	25.8	0.002	0.61
IGX043666	693004	5354632	2.19	1090	0.34	2.14	5.3	16.6	0.12	0.5	7.5	0.002	0.1
IGX043667	693012	5354637	0.49	847	0.025	4.6	76.1	1.5	0.18	3.1	67	0.001	0.12
IGX043668	693012	5354637	0.53	987	0.05	4.87	97.2	2.9	0.15	2.9	58.7	0.001	0.13
IGX043669	693011	5354637	0.42	987	0.27	3.89	79.6	1.8	0.33	5.9	48	0.001	0.36
IGX043671	693011	5354636	0.53	969	0.07	4.64	80.8	2	0.2	4.7	37.3	0.001	0.16
IGX043672	693011	5354636	0.88	683	0.38	2.88	8.4	13.3	0.06	1.7	67.1	0.001	0.3
IGX043673	693010	5354636	0.71	423	0.18	2.32	3.3	10.9	0.04	1.2	80.3	0.001	0.22
IGX043674	693009	5354636	0.71	416	0.42	2.43	2.7	12.6	0.04	2.1	81.5	0.001	0.16
IGX043675	693009	5354636	0.88	502	0.25	3.37	2.5	12.4	0.04	0.9	52.7	0.001	0.07
IGX043676	693009	5354635	2.04	1170	0.41	2.44	2.7	39.4	0.05	1.1	1.4	0.001	0.55
IGX043677	693008	5354635	2.43	1190	0.08	2	2.7	42.3	0.05	0.9	1.2	0.001	0.23
IGX043678	693007	5354635	0.21	831	0.24	0.23	0.5	7.3	0.01	1.1	7.6	0.001	0.23
IGX043679	693007	5354635	0.5	315	0.46	0.47	1.1	19.3	0.01	1.3	19.9	0.001	0.56
IGX043681	693011	5354636	1.04	672	0.7	3.83	2.6	18.1	0.04	0.7	36.2	0.001	0.04
IGX043682	693011	5354636	0.79	524	0.15	2.32	2.7	12.5	0.04	1.2	82.8	0.001	0.09
IGX043683	693011	5354637	0.66	826	0.19	3.01	28.2	9.2	0.15	2.7	55.4	0.001	0.16

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043684	693011	5354637	0.49	796	0.08	4.74	77.3	2.3	0.2	4.3	52	0.001	0.09
IGX043685	693011	5354638	1.89	1265	0.23	3.22	27.7	31.7	0.13	2.3	26.7	0.001	0.09
IGX043686	693010	5354638	3.6	1475	0.2	1.62	2.5	66.4	0.04	0.8	2.6	0.001	0.05
IGX043687	693016	5354638	1.1	749	0.52	2.99	4	18.5	0.05	1.5	66.3	0.001	0.14
IGX043688	693016	5354638	0.64	1015	0.17	4.23	70.7	5.9	0.15	5.1	81.4	0.001	0.12
IGX043689	693016	5354639	1.89	1480	0.34	1.6	36.5	36	0.1	2.5	52.1	0.001	0.15
IGX043691	693017	5354643	3.19	1535	0.2	1.96	2.3	54.4	0.04	1	1.9	0.001	0.07
IGX043692	693017	5354644	3.23	1675	0.23	1.19	2.3	61.7	0.04	1.5	23.5	0.001	0.39
IGX043693	693016	5354644	3.05	1545	0.24	0.25	2.3	64.2	0.04	4.4	36.3	0.001	1.39
IGX043694	693016	5354645	3.5	1605	0.26	0.88	2.3	74.9	0.04	2	16.4	0.002	0.61
IGX043695	693016	5354645	3.14	1710	0.22	0.82	2.1	65.5	0.04	2.9	28	0.002	1.38
IGX043696	693016	5354646	2.05	1635	0.74	1.66	2.5	35.3	0.05	4.7	3.5	0.004	1.87
IGX043697	693014	5354647	2.58	2240	0.22	2.98	3.5	33.9	0.06	1	0.6	0.001	0.05
IGX043698	693014	5354647	2.31	2000	0.24	3.27	3.4	31.2	0.06	0.9	0.6	0.002	0.01
IGX043699	693014	5354646	2.49	2070	0.15	2.74	3.4	34.7	0.06	1	2.7	0.001	0.02
IGX043701	693014	5354646	2.5	2040	0.25	2.79	3.4	34.7	0.06	1	2.6	0.002	0.03
IGX043702	693013	5354646	2.7	1885	0.56	2.1	3.2	35.9	0.06	4.3	3	0.002	0.94
IGX043703	693013	5354645	2.94	1755	0.26	1.07	2.3	63.5	0.05	3	17.5	0.002	1.39
IGX043704	693012	5354645	2.87	1520	0.32	0.38	2.4	70.3	0.05	5.1	52.1	0.002	2.47
IGX043705	693012	5354644	3.23	1505	0.23	0.77	2.6	61.6	0.05	1.4	40.8	0.001	0.64
IGX043706	693012	5354643	3.41	1495	0.26	0.73	2.4	67.9	0.04	1.6	32.9	0.001	0.48
IGX043707	693011	5354643	3.38	1280	0.24	0.35	2.6	98.9	0.04	1.6	46.4	0.001	0.37
IGX043708	693010	5354642	3.44	1440	0.23	1.79	2.4	61.1	0.04	0.9	1.4	0.001	0.08
IGX043709	693010	5354642	2.92	1360	0.17	1.61	2	52	0.03	5.7	3.1	0.001	0.14
IGX043711	693009	5354641	3.37	1290	0.14	1.58	2.2	59.6	0.04	1.1	3.3	0.001	0.12
IGX043712	693009	5354640	3.28	1285	0.13	1.54	2.1	58.3	0.04	0.9	2.8	0.001	0.06
IGX043713	693008	5354640	3.52	1400	0.15	1.54	2.2	63.6	0.04	0.8	3.9	0.001	0.1
IGX043714	693008	5354639	3.35	1450	0.13	1.37	2.2	63.2	0.04	0.7	5.9	0.001	0.21
IGX043715	693007	5354638	3.07	1385	0.16	1.49	2.2	60.2	0.04	0.6	8	0.001	0.18
IGX043716	693007	5354638	3.13	1530	0.19	1.3	2.4	66.7	0.04	0.6	7.6	0.001	0.15
IGX043717	693007	5354637	1.1	707	0.15	3.55	60.4	17.2	0.13	2	44	0.001	0.7
IGX043718	693006	5354636	0.45	470	0.31	0.53	3.3	16.2	0.01	0.7	20.7	0.001	0.29
IGX043719	693005	5354636	2.71	1290	0.28	2.43	6.3	74.3	0.05	0.9	8.5	0.001	0.08
IGX043721	693005	5354635	2.65	1355	0.27	1.85	4.1	79.3	0.05	0.7	21.3	0.001	0.23
IGX043722	693003	5354634	1.97	993	0.39	1.98	4.3	21.7	0.11	0.25	8.4	0.002	0.31
IGX043723	693005	5354638	1.29	963	0.31	1.89	15.9	31.8	0.07	1.3	7.2	0.001	0.09
IGX043724	693005	5354638	0.2	456	0.26	0.24	0.8	9.1	0.01	0.8	32.5	0.001	0.22

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043725	693006	5354644	2.25	1450	0.19	1.31	2.9	25.8	0.05	1	6	0.001	0.12
IGX043726	693005	5354644	2.59	1475	0.23	1.46	3.3	31	0.05	0.6	5.9	0.002	0.44
IGX043727	693005	5354643	2.33	1330	0.2	1.56	3.1	26.7	0.05	0.6	3.6	0.002	0.23
IGX043728	693005	5354642	2.36	1435	0.32	2.27	3.5	31.8	0.06	1	10	0.002	0.25
IGX043729	693005	5354642	2.22	1680	0.37	0.17	2.1	56.5	0.03	1.6	38.4	0.001	0.86
IGX043731	693005	5354641	2	1010	0.36	0.33	2.8	51.8	0.04	1.4	58.9	0.001	0.92
IGX043732	693005	5354640	2.71	1545	0.2	1.19	2.2	51.4	0.04	0.7	16.2	0.001	0.28
IGX043733	693005	5354640	2.66	1435	0.14	1.23	2	52.7	0.03	0.5	6.2	0.001	0.12
IGX043734	693003	5354640	0.33	822	0.22	0.34	0.6	12.3	0.01	0.8	14.8	0.001	0.16
IGX043735	693003	5354640	0.13	122	0.34	0.05	0.6	8.1	0.01	0.7	28.3	0.001	0.65
IGX043736	693003	5354646	2.56	1345	0.18	2.05	3.3	32.3	0.05	1.1	2.4	0.001	0.38
IGX043737	693001	5354643	2.44	1485	0.32	1.69	3.3	32.7	0.06	0.7	4.6	0.003	0.2
IGX043738	693001	5354643	1.76	1030	0.28	1.48	2.5	28.5	0.04	1.1	6.1	0.005	0.36
IGX043739	693000	5354643	0.45	440	0.39	0.56	1.2	18.3	0.02	1.6	36.8	0.001	0.4
IGX043741	693000	5354642	0.13	144	0.37	0.09	0.6	9.7	0.01	0.8	31	0.001	0.44
IGX043742	692999	5354645	0.22	322	0.34	0.18	0.7	9.9	0.01	0.8	31.8	0.002	0.36
IGX043743	692998	5354644	0.67	399	0.37	0.82	1.5	26.5	0.02	0.8	26.2	0.001	0.34
IGX043744	693005	5354634	2.79	1235	0.38	2.06	4.7	84.4	0.06	0.9	14.2	0.001	0.23
IGX043745	693005	5354634	2.8	1445	0.33	1.72	5.2	82.4	0.06	0.9	28.6	0.001	0.23
IGX043746	693004	5354634	2.87	1580	0.4	1.69	4.3	79.1	0.05	1.7	24.4	0.001	0.16
IGX043747	693005	5354650	1.98	922	0.3	1.19	1.3	65.4	0.02	2	1.6	0.001	0.11
IGX043748	693003	5354652	3.26	1690	0.19	0.6	3	38.7	0.05	3	2.4	0.005	0.57
IGX043749	693002	5354652	3.71	1670	0.23	1.14	4.1	46.9	0.07	2.9	1.7	0.001	0.08
IGX043751	693002	5354652	3.31	1410	0.21	1.04	2	79.5	0.03	2.3	2.2	0.001	0.24
IGX043752	693001	5354649	4.22	1610	0.14	1.34	2.1	161	0.03	2.1	0.8	0.001	0.16
IGX043753	693000	5354649	4.11	1555	0.14	1.21	1.8	136.5	0.03	2.1	3.3	0.001	0.47
IGX043754	693000	5354648	3.88	1450	0.17	1.68	1.8	155	0.03	2.1	3	0.001	0.3
IGX043755	693000	5354648	3.54	1385	0.12	1.84	2	117.5	0.03	1.5	5.1	0.001	0.23
IGX043756	692999	5354647	3.97	1620	0.14	1.39	2.7	92.3	0.04	1.2	7.7	0.002	0.5
IGX043757	692999	5354647	3.54	1610	0.12	1.14	2.2	79.7	0.04	0.9	15.4	0.001	0.29
IGX043758	692999	5354647	2.87	1530	0.15	1.04	2.7	41.6	0.04	0.9	24.9	0.001	0.15
IGX043759	692998	5354646	2.32	1500	0.24	1.81	3.4	32.2	0.05	1.1	8.5	0.001	0.3
IGX043761	692998	5354646	1.74	1065	0.3	1.46	2.7	31.1	0.04	1.1	8.5	0.001	0.25
IGX043762	692997	5354645	0.22	281	0.36	0.18	0.7	12.7	0.01	0.9	22.3	0.005	0.49
IGX043763	692997	5354643	2.23	1325	0.33	1.55	3.2	72.1	0.04	0.8	15.5	0.001	0.11
IGX043764	692996	5354643	2.81	1260	0.31	1.83	4	87	0.05	0.9	22.7	0.001	0.15
IGX043765	692996	5354642	3.73	1460	0.17	1.22	2.5	116	0.04	0.6	10.4	0.001	0.03

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043766	692995	5354641	4.41	1430	0.12	1.03	2	125	0.04	0.5	6.1	0.001	0.01
IGX043767	692995	5354640	3.68	1275	0.16	0.93	1.5	103	0.03	0.5	4.4	0.001	0.01
IGX043768	692996	5354648	2.75	1370	0.25	1.33	1.6	89.1	0.03	1.3	9.8	0.001	0.24
IGX043769	692996	5354648	2.31	1460	0.24	1.63	2.4	33	0.04	1.1	4.1	0.001	0.34
IGX043771	692996	5354647	1.05	669	0.39	0.82	1.7	37.2	0.02	1	15	0.001	0.29
IGX043772	692995	5354647	1.14	610	0.38	0.91	1.9	38.8	0.02	1.1	23.5	0.001	0.31
IGX043773	692994	5354652	2.7	1795	0.23	1.8	3.7	31.4	0.06	1.4	5.2	0.002	0.69
IGX043774	692993	5354652	2.35	1525	0.22	1.95	3.4	32.1	0.06	1.6	7.3	0.001	0.35
IGX043775	692993	5354651	2.28	1425	0.19	1.72	3	31.6	0.05	2.1	5.3	0.001	0.9
IGX043776	692993	5354650	2.2	1270	0.22	1.62	2.8	36.5	0.05	1.8	9.9	0.001	1.17
IGX043777	692992	5354650	0.78	577	0.37	0.66	1.5	32.2	0.02	0.9	25.4	0.001	0.22
IGX043778	693002	5354656	1.76	1820	0.55	1.38	2.8	29.2	0.05	1.7	4.7	0.003	1.2
IGX043779	693002	5354656	1.14	1200	2.76	0.57	2.8	41.2	0.06	5.1	12.4	0.006	5.38
IGX043781	693001	5354657	0.85	1255	2.38	0.02	2	35.1	0.05	9.1	9.9	0.004	5.79
IGX043782	693001	5354657	2.21	2040	0.35	0.79	3.1	38.1	0.05	6.1	16.4	0.003	0.69
IGX043783	693000	5354658	2.16	1790	1	0.4	2.9	46.3	0.04	3.1	1.7	0.003	1.05
IGX043784	692996	5354655	1.61	1700	0.71	2.54	4.1	33.7	0.06	2.3	8.9	0.003	0.8
IGX043785	692996	5354655	0.96	1185	3.4	0.68	3.3	37.8	0.06	5.4	24.2	0.005	3.05
IGX043786	692996	5354656	2.29	1695	0.79	1.26	3	41.9	0.05	1.8	3.8	0.004	1.14
IGX043787	692996	5354659	3.21	2060	0.26	1.9	3.3	40.3	0.05	1.3	0.7	0.001	0.06
IGX043788	692996	5354658	2.3	1455	0.27	1.4	2.4	32	0.04	1.1	0.7	0.001	0.06
IGX043789	692995	5354657	4.14	1895	0.25	1.71	3.9	58.6	0.05	0.8	0.1	0.003	0.07
IGX043791	692995	5354657	3.18	1750	0.24	1.4	3	44.4	0.04	1.2	0.8	0.002	0.05
IGX043792	692994	5354656	3.2	1450	0.22	1.3	2.8	40.2	0.04	0.9	1.1	0.002	0.04
IGX043793	692994	5354656	2.62	1740	0.23	1.78	3.3	43.1	0.05	0.9	2.6	0.002	0.11
IGX043794	692994	5354655	1.3	1340	1.64	1.43	2.8	38.8	0.05	2.9	7.7	0.003	2.27
IGX043795	692993	5354655	1.35	2110	0.37	2.19	3.9	33.5	0.06	3.1	15.2	0.004	0.48
IGX043796	692993	5354655	1.45	1615	1.29	1.33	3.4	41.2	0.05	2.1	16.1	0.004	2.37
IGX043797	692992	5354655	1.56	1580	0.72	1.39	2.8	49.8	0.04	1.7	3.9	0.002	2.46
IGX043798	692992	5354656	2.25	1550	0.66	0.93	2.9	47.3	0.04	1.1	1.7	0.003	1.43
IGX043799	692989	5354665	3.54	1595	0.16	1.95	2.6	74.4	0.04	1	1.1	0.001	0.18
IGX043801	692989	5354664	3.24	1395	0.24	1.75	2.7	66.1	0.04	1.2	1.9	0.002	0.32
IGX043802	692988	5354664	3.45	1510	0.17	1.79	2.9	71.6	0.04	0.9	1.8	0.001	0.15
IGX043803	692988	5354663	3.1	1405	0.17	1.56	2.3	67	0.03	1.6	2.4	0.001	0.34
IGX043804	692987	5354663	3.22	1525	0.19	1.63	2.5	77.3	0.04	1.3	1.4	0.001	0.25
IGX043805	692987	5354662	3.71	1670	0.21	1.57	2.6	90.4	0.04	1.1	1.8	0.001	0.11
IGX043806	692987	5354662	3.87	1665	0.19	1.59	2.8	93.1	0.04	1.1	1.1	0.001	0.11

Sample ID	Easting (m)	Northing (m)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (%)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)
IGX043807	692986	5354661	3.89	1535	0.17	1.47	2.6	95.4	0.04	0.7	1.2	0.001	0.12
IGX043808	692986	5354661	3.75	1455	0.15	1.49	2.7	95.5	0.04	0.9	0.9	0.001	0.15
IGX043809	692985	5354660	3.92	1575	0.14	1.08	2.4	106.5	0.04	0.8	2.3	0.001	0.16
IGX043811	692987	5354657	3.42	1635	0.24	1.32	2.8	87.6	0.04	0.8	3.8	0.001	0.44
IGX043812	692986	5354657	2.6	1450	0.2	1.55	2.9	44.6	0.04	0.9	5.1	0.001	0.5
IGX043813	692985	5354655	2.45	1300	0.31	1.8	4.5	78.8	0.05	1	22.3	0.001	0.15
IGX043814	692984	5354655	2.6	1220	0.35	1.58	4	78.7	0.05	1	22	0.002	0.26
IGX043815	692984	5354654	2.37	1185	0.28	1.22	4.6	74.5	0.05	0.9	34.8	0.002	0.19
IGX043816	692984	5354654	3.04	1400	0.16	1.19	4	88.8	0.05	1.2	34.8	0.001	0.1
IGX043817	692983	5354653	3.09	1350	0.17	1.72	2.5	81.2	0.04	1	26.8	0.001	0.09
IGX043818	692983	5354653	2.6	1285	0.3	1.78	2.2	55	0.03	1.3	24.3	0.001	0.05
IGX043819	692983	5354652	2.66	1385	0.18	1.29	2.1	59	0.04	0.7	21.4	0.001	0.05
IGX043821	692983	5354651	2.92	1315	0.17	1.59	2	64.9	0.04	0.8	29.2	0.001	0.05
IGX043822	692982	5354651	3.23	1325	0.11	1.28	2.2	66.8	0.04	0.5	30.6	0.001	0.03
IGX043823	692982	5354650	2.98	1210	0.16	1.45	2.1	58.1	0.04	0.6	24.6	0.001	0.06
IGX043824	693021	5354627	2.87	1610	0.28	1.35	2.9	41.3	0.05	2	4.5	0.001	0.88
IGX043825	693021	5354627	2.97	1700	0.22	1.58	2.9	34.9	0.05	1.5	4	0.002	0.31
IGX043826	693021	5354626	2.98	1655	0.29	1.8	3.4	40.5	0.05	1.8	3.5	0.002	0.99
IGX043827	693020	5354626	2.58	1325	0.15	1.44	3	36.2	0.05	1.3	5.4	0.001	0.5
IGX043828	693020	5354625	1.3	890	0.23	1.1	1.8	23.4	0.03	1.5	10.2	0.001	0.56

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043101	693113	5354526	0.06	9.2	0.5	39.1	0.7	15.2	0.12	0.11	0.85	0.13	0.05
IGX043102	693113	5354526	0.07	7.6	1	39.6	0.4	9.6	0.07	0.12	0.49	0.11	0.05
IGX043103	693113	5354525	0.07	5.7	1	41.3	0.9	5.9	0.05	0.11	0.52	0.1	0.03
IGX043104	693112	5354527	0.08	10.1	1	39.2	0.7	9.4	0.09	0.17	0.72	0.18	0.04
IGX043105	693111	5354526	0.13	19.8	1	32.2	0.8	21.9	0.19	0.15	1.48	0.42	0.13
IGX043106	693111	5354526	0.12	33.6	1	25.1	1.1	22.5	0.3	0.09	2.6	0.69	0.23
IGX043107	693112	5354526	0.07	9.7	1	36.4	0.5	18.8	0.14	0.47	0.94	0.18	0.08
IGX043108	693115	5354530	0.1	9.5	1	31.3	0.9	41.6	0.27	0.32	1.68	0.21	0.35
IGX043109	693114	5354530	0.14	8.8	2	31.5	0.8	35.7	0.24	0.33	1.5	0.19	0.28
IGX043111	693113	5354529	0.05	10.9	0.5	32	0.9	40.2	0.3	0.025	1.92	0.24	0.2
IGX043112	693112	5354528	0.09	16.4	1	32.5	0.8	20.3	0.18	0.3	1.38	0.39	0.07
IGX043113	693112	5354528	0.08	10	1	36.3	0.6	17.5	0.13	0.23	0.9	0.18	0.05

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043114	693111	5354527	0.09	9.9	1	35.6	0.5	25.8	0.09	0.3	0.63	0.17	0.06
IGX043115	693111	5354527	0.11	10.4	1	37	0.8	14	0.09	0.28	0.71	0.22	0.08
IGX043116	693111	5354527	0.12	30.6	1	25.9	1.3	28.7	0.27	0.12	2.33	0.61	0.25
IGX043117	693110	5354526	0.07	31.7	1	21.1	1	67.4	0.3	0.05	2.44	0.66	0.19
IGX043118	693110	5354526	0.21	36.1	1	19.6	1	72.6	0.31	0.05	2.54	0.68	0.21
IGX043119	693109	5354525	0.12	38.6	1	20.9	1.1	66.1	0.31	0.07	2.4	0.69	0.18
IGX043121	693109	5354530	0.1	16.7	1	35.2	0.7	22	0.14	0.18	1.2	0.3	0.11
IGX043122	693109	5354529	0.17	29.8	1	29.1	0.9	28.2	0.23	0.35	1.9	0.58	0.24
IGX043123	693108	5354529	0.14	43.3	1	22.7	1.4	20	0.37	0.08	2.58	0.84	0.29
IGX043124	693108	5354529	0.1	39.1	1	24.1	1.1	28.8	0.32	0.07	2.66	0.73	0.24
IGX043125	693112	5354554	0.22	10.9	1	24.7	0.9	45.8	0.31	0.23	1.85	0.25	0.28
IGX043126	693112	5354553	0.33	8.1	2	21.7	0.5	21.7	0.26	0.37	1.72	0.21	0.04
IGX043127	693119	5354549	0.12	12.6	1	26.8	0.9	119.5	0.25	0.15	2.33	0.17	0.45
IGX043128	693119	5354549	0.11	11.9	1	26	0.9	118	0.24	0.13	2.44	0.18	0.38
IGX043129	693118	5354550	0.13	12.6	1	28.3	1.1	125	0.34	0.09	2.48	0.29	0.66
IGX043131	693118	5354550	0.51	13.4	0.5	28.6	0.9	132.5	0.37	0.05	2.51	0.3	0.82
IGX043132	693118	5354551	0.13	13	0.5	27.8	1	147.5	0.38	0.025	2.52	0.3	0.81
IGX043133	693117	5354551	0.15	8.9	1	25.4	0.9	67.9	0.27	0.12	1.75	0.22	0.29
IGX043134	693117	5354552	0.1	8.8	0.5	25.5	0.6	66.6	0.28	0.08	1.85	0.23	0.23
IGX043135	693116	5354553	0.07	10.5	0.5	27.1	1	83.4	0.33	0.025	1.84	0.28	0.47
IGX043136	693116	5354553	0.73	7.4	2	22.1	0.8	28.8	0.27	0.4	1.45	0.22	0.16
IGX043137	693116	5354554	0.12	12.1	0.5	27.4	1.8	112.5	0.38	0.06	2.07	0.31	0.62
IGX043138	693115	5354554	0.17	8.5	1	22	0.4	73.4	0.25	0.17	1.62	0.21	0.08
IGX043139	693115	5354555	0.16	9.6	1	23.8	0.8	66.9	0.28	0.13	1.92	0.23	0.21
IGX043141	693115	5354555	0.69	7.5	2	21.9	0.8	27.7	0.25	0.53	1.73	0.21	0.18
IGX043142	693114	5354556	0.24	10.8	1	26.5	1.7	76.2	0.34	0.09	2.42	0.27	0.55
IGX043143	693114	5354556	0.48	9.1	1	23.1	0.7	53.7	0.28	0.23	1.71	0.23	0.19
IGX043144	693114	5354557	0.15	10.2	1	24.4	0.7	84.8	0.31	0.08	1.96	0.25	0.27
IGX043145	693113	5354557	0.07	9.9	0.5	25.2	1	90.4	0.32	0.025	2.02	0.27	0.26
IGX043146	693113	5354558	0.08	9.7	1	22	0.3	49.8	0.26	0.05	1.6	0.26	0.03
IGX043147	693113	5354558	0.12	11.6	1	25.3	0.9	84.1	0.33	0.07	1.97	0.29	0.34
IGX043148	693112	5354559	0.34	17.4	1	23.2	0.9	79.5	0.26	0.24	1.58	0.39	0.4
IGX043149	693112	5354559	0.34	17.7	1	22.8	0.9	67.9	0.26	0.37	1.6	0.4	0.4
IGX043151	693112	5354560	0.58	9.7	2	19.4	0.5	68.3	0.17	0.46	1.18	0.24	0.22
IGX043152	693111	5354561	0.05	9.2	0.5	24.8	0.8	64.2	0.3	0.025	1.99	0.25	0.29
IGX043153	693111	5354562	0.06	8.7	1	24.1	0.6	44.9	0.31	0.025	2.09	0.25	0.19
IGX043154	693111	5354562	0.1	13	0.5	24.1	0.7	36	0.31	0.07	1.95	0.29	0.29

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043155	693110	5354562	0.1	12.7	0.5	28	1.5	86.7	0.38	0.025	2.39	0.32	0.86
IGX043156	693110	5354563	0.08	21.1	1	23.5	1.1	77.5	0.25	0.025	3.72	0.38	0.1
IGX043157	693110	5354563	0.08	24.3	0.5	21.1	1.6	86	0.3	0.025	4.51	0.41	0.01
IGX043158	693109	5354564	0.06	10.5	1	24.3	0.9	10.1	0.36	0.06	1.73	0.27	0.03
IGX043159	693109	5354564	0.55	4.4	24	9.5	1.7	3.2	0.18	1.15	1	0.15	0.01
IGX043161	693109	5354565	1.84	0.4	22	9.4	0.6	1.3	0.08	1.08	0.34	0.08	0.01
IGX043162	693108	5354565	1.64	0.3	31	8.1	0.8	1	0.11	1.63	0.36	0.07	0.01
IGX043163	693108	5354565	3.18	0.3	30	8.8	1	1.4	0.12	2.16	0.31	0.08	0.01
IGX043164	693108	5354566	2.16	1	27	7.6	0.9	3	0.12	2.09	0.52	0.08	0.01
IGX043165	693107	5354566	0.16	35.6	3	21.5	1.7	18.7	0.22	0.16	0.41	0.8	0.01
IGX043166	693107	5354567	0.06	32.4	1	25.2	1	11.6	0.2	0.025	0.41	0.7	0.04
IGX043167	693107	5354567	0.07	10.7	1	29	1.1	31.1	0.18	0.025	1.42	0.32	0.53
IGX043168	693106	5354568	0.1	38.4	1	22.2	0.8	44.3	0.25	0.025	0.46	0.91	0.22
IGX043169	693106	5354568	0.06	41.5	1	23.1	1.1	77.7	0.26	0.025	0.42	0.92	0.69
IGX043171	693106	5354569	0.3	39.6	1	23.8	1.2	71.4	0.25	0.025	0.41	0.85	0.67
IGX043172	693122	5354555	0.66	7.1	2	17.7	0.6	29.4	0.26	0.38	1.47	0.19	0.1
IGX043173	693121	5354555	0.67	9.4	1	21.2	0.6	31.1	0.28	0.48	1.83	0.21	0.19
IGX043174	693122	5354563	0.08	9.9	0.5	22.4	0.4	49.3	0.32	0.07	1.94	0.24	0.09
IGX043175	693122	5354563	0.025	9.4	0.5	24	0.4	51.4	0.3	0.025	1.9	0.23	0.07
IGX043176	693123	5354564	0.05	10.9	0.5	26.3	1.4	79.3	0.34	0.025	2.28	0.26	0.58
IGX043177	693118	5354568	0.025	24.6	0.5	21	0.9	93.6	0.31	0.025	4.87	0.45	0.01
IGX043178	693118	5354569	1.37	0.8	5	7.8	1.1	2	0.09	0.61	0.57	0.08	0.01
IGX043179	693118	5354569	0.92	0.8	3	5.3	0.8	1.8	0.06	0.41	0.57	0.06	0.01
IGX043181	693117	5354569	0.61	0.5	4	3.4	0.4	1	0.025	0.45	0.42	0.04	0.01
IGX043182	693117	5354570	0.45	0.5	3	3.6	0.4	1.9	0.05	0.38	0.44	0.04	0.01
IGX043183	693117	5354570	0.34	1.1	4	5.2	0.4	7.5	0.1	0.42	1.35	0.08	0.03
IGX043184	693116	5354571	0.21	1.9	3	6.4	0.8	16.8	0.13	0.25	1.07	0.1	0.05
IGX043185	693115	5354572	0.05	8.2	1	29.1	0.8	88.2	0.18	0.025	1.42	0.28	0.69
IGX043186	693115	5354572	0.06	42.8	1	21.5	1.3	86.1	0.25	0.025	0.46	0.9	0.22
IGX043187	693089	5354533	0.025	12.6	1	26.3	1.2	64.3	2.29	0.08	20.1	0.44	0.44
IGX043188	693089	5354533	0.025	0.4	2	27.5	1.4	67.9	2.68	0.13	23.4	0.23	0.53
IGX043189	693088	5354534	0.025	13.4	1	24.8	1.3	69.8	2	0.08	14.3	0.45	0.3
IGX043191	693098	5354547	0.12	9.9	1	27.9	1.6	48.9	0.28	0.14	1.92	0.23	0.45
IGX043192	693098	5354547	0.16	6.4	1	27.9	0.6	23.2	0.19	0.27	1.23	0.15	0.13
IGX043193	693097	5354546	0.06	11.5	0.5	26.8	1	48.3	0.32	0.025	2.1	0.26	0.36
IGX043194	693097	5354546	0.08	8.3	0.5	33	0.7	27.4	0.22	0.05	1.45	0.18	0.3
IGX043195	693096	5354546	0.07	9.3	1	29.6	0.9	32.4	0.22	0.16	1.47	0.19	0.23

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043196	693096	5354545	0.07	7.7	1	35.3	0.6	18.3	0.15	0.21	0.94	0.13	0.16
IGX043197	693096	5354545	0.11	8.7	1	35.8	0.8	11.7	0.16	0.35	1.08	0.15	0.2
IGX043198	693095	5354545	0.1	7.5	1	38.8	0.6	15.1	0.06	0.09	0.49	0.14	0.16
IGX043199	693094	5354544	0.2	21.6	1	31.1	0.8	38.3	0.14	0.2	0.89	0.39	0.25
IGX043201	693094	5354544	0.09	25.2	1	26.7	0.7	49	0.15	0.09	0.94	0.42	0.16
IGX043202	693094	5354544	0.025	13.6	1	31.5	0.3	53.1	0.07	0.025	0.55	0.17	0.04
IGX043203	693093	5354543	0.07	32.3	1	24.6	1	38.2	0.22	0.1	1.32	0.73	0.07
IGX043204	693093	5354543	0.08	29.9	1	25.1	1.1	35.1	0.4	0.16	1.73	0.71	0.08
IGX043205	693092	5354543	0.09	6.9	1	27	0.7	49.1	2.97	0.18	14.6	0.29	0.08
IGX043206	693091	5354542	0.08	39.3	1	22.3	1.1	54.1	0.23	0.05	2.31	0.86	0.06
IGX043207	693090	5354541	0.12	33.7	1	22	1	217	0.31	0.025	2.18	0.69	0.09
IGX043208	693094	5354556	0.32	3.5	5	35	2.6	3.5	0.025	0.52	0.15	0.09	0.01
IGX043209	693093	5354556	0.08	22.2	0.5	32.5	1.6	11.7	0.13	0.025	0.24	0.49	0.11
IGX043211	693093	5354556	0.33	37.6	0.5	24.7	1.9	29.7	0.24	0.025	0.42	0.87	0.25
IGX043212	693092	5354557	0.09	22.6	0.5	32	1.1	15.9	0.13	0.025	0.22	0.49	0.13
IGX043213	693092	5354557	0.27	25.6	1	29.8	1.7	29.2	0.18	0.025	0.54	0.59	0.32
IGX043214	693092	5354558	0.12	6.3	0.5	34.5	0.7	33	0.13	0.025	1.11	0.2	0.32
IGX043215	693095	5354562	0.18	37.3	0.5	26.1	1.1	48.5	0.22	0.025	0.35	0.8	0.59
IGX043216	693094	5354562	0.14	38.5	1	25.5	1.8	55	0.22	0.025	0.35	0.84	0.62
IGX043217	693094	5354562	0.1	29.8	1	29	1.3	43.1	0.17	0.025	0.29	0.64	0.13
IGX043218	693093	5354563	0.05	37.3	1	23	1	47.8	0.2	0.025	0.36	0.85	0.03
IGX043219	693093	5354564	0.09	34.1	1	26.6	1	50	0.19	0.025	0.35	0.75	0.13
IGX043221	693093	5354564	0.08	35	1	26.8	1.1	49.6	0.2	0.025	0.36	0.79	0.05
IGX043222	693087	5354563	0.07	42.5	0.5	22.8	1	51.7	0.24	0.025	0.46	0.96	0.01
IGX043223	693087	5354564	0.07	34.5	1	24.9	0.9	60.7	0.19	0.025	0.37	0.76	0.02
IGX043224	693086	5354564	0.13	41.3	0.5	22.9	0.9	144.5	0.23	0.025	0.39	0.92	0.07
IGX043225	693088	5354565	0.12	41.9	1	22.4	1	155	0.22	0.025	0.39	0.93	0.07
IGX043226	693087	5354566	0.12	40.6	1	22.7	1	115.5	0.28	0.025	0.48	1	0.02
IGX043227	693087	5354567	0.16	41.7	1	23	1	194.5	0.24	0.025	0.43	0.93	0.04
IGX043228	693086	5354567	0.11	42.4	0.5	23.3	0.9	84.5	0.27	0.025	0.44	0.98	0.01
IGX043229	693086	5354568	0.12	40.3	1	22.6	0.9	137	0.23	0.025	0.41	0.93	0.02
IGX043231	693085	5354568	0.11	40.5	1	22.6	0.9	169.5	0.23	0.025	0.4	0.9	0.02
IGX043232	693084	5354569	0.09	40.8	1	22.3	1.1	153	0.24	0.025	0.42	0.92	0.06
IGX043233	693084	5354570	0.08	35.2	0.5	25.8	1.7	62.9	0.2	0.025	0.38	0.8	0.13
IGX043234	693083	5354570	0.07	37	0.5	24	0.9	55.4	0.21	0.025	0.4	0.82	0.03
IGX043235	693083	5354571	0.08	39.2	0.5	21.6	0.8	66.7	0.23	0.025	0.41	0.89	0.05
IGX043236	693082	5354572	0.06	37.3	1	22.7	0.9	55.2	0.22	0.025	0.43	0.84	0.05

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043237	693081	5354572	0.08	39	1	24.3	1	55.9	0.21	0.025	0.44	0.86	0.3
IGX043238	693081	5354573	0.07	41.6	0.5	24.9	2.3	33	0.24	0.025	0.55	0.88	0.55
IGX043239	693081	5354573	0.11	22.2	4	27.4	5.3	33.5	0.19	0.81	0.9	0.45	0.28
IGX043241	693080	5354574	0.025	2.5	0.5	34.2	1.7	80.7	0.33	0.025	3.39	0.07	0.4
IGX043242	693089	5354566	0.1	37.8	1	24.4	1.1	94.1	0.21	0.025	0.35	0.84	0.07
IGX043243	693088	5354566	0.15	30.1	2	28.6	1	55.8	0.17	0.15	0.31	0.69	0.05
IGX043244	693083	5354569	0.07	30.2	1	28.6	0.9	51.1	0.2	0.13	0.32	0.76	0.03
IGX043245	693086	5354571	0.11	24.8	0.5	31.7	0.8	30.8	0.15	0.025	0.27	0.58	0.04
IGX043246	693085	5354575	0.08	2.6	1	33.7	1.8	72.5	0.34	0.07	3.26	0.07	0.35
IGX043247	693085	5354575	0.11	17.5	0.5	25.6	1.1	116.5	0.31	0.025	2.79	0.28	0.39
IGX043248	693085	5354576	0.11	8.1	1	31.8	1.1	88.8	0.28	0.025	3.02	0.14	0.29
IGX043249	693084	5354576	0.13	17.2	0.5	24	1.1	129	0.2	0.025	2.23	0.2	0.52
IGX043251	693087	5354559	0.31	35	1	26.8	0.9	35.6	0.22	0.025	0.4	0.85	0.08
IGX043252	693086	5354558	0.12	7.3	1	40.1	0.6	11.6	0.05	0.07	0.14	0.19	0.08
IGX043253	693086	5354558	0.12	15	1	38.5	1.1	21.1	0.12	0.025	0.99	0.29	0.19
IGX043254	693085	5354557	0.16	20.9	1	34	1.4	30.8	0.18	0.025	1.42	0.44	0.38
IGX043255	693085	5354557	0.09	9.5	0.5	39	0.6	16.9	0.09	0.025	0.73	0.22	0.25
IGX043256	693084	5354556	0.09	4.3	0.5	40.6	0.5	29.3	0.025	0.025	0.12	0.09	0.05
IGX043257	693084	5354556	0.07	2	0.5	43.7	1.9	13.2	0.025	0.025	0.14	0.04	0.06
IGX043258	693083	5354555	0.11	31.7	1	27.7	1	34.4	0.16	0.13	0.39	0.84	0.07
IGX043259	693083	5354554	0.1	31.3	2	26.8	1.1	43.2	0.16	0.14	0.43	0.8	0.08
IGX043261	693082	5354554	0.1	36.8	3	20.1	1.3	43.6	0.23	0.52	0.63	0.79	0.05
IGX043262	693083	5354561	0.07	20	0.5	35	2	21.4	0.12	0.025	0.23	0.46	0.06
IGX043263	693082	5354560	0.07	8.6	1	38.8	1.9	19.1	0.07	0.08	0.52	0.18	0.24
IGX043264	693082	5354559	0.05	5.5	1	40.9	1.6	13.2	0.05	0.025	0.35	0.11	0.14
IGX043265	693081	5354558	0.025	4.5	0.5	34.2	0.8	59.4	0.025	0.025	0.2	0.06	0.06
IGX043266	693080	5354563	0.08	17.2	6	36.6	0.8	18.1	0.1	0.46	0.3	0.37	0.09
IGX043267	693079	5354563	0.11	11	1	39.2	0.7	15.4	0.07	0.08	0.27	0.22	0.14
IGX043268	693079	5354563	0.08	9.9	1	38.7	0.8	16.5	0.08	0.025	0.56	0.17	0.18
IGX043269	693078	5354562	0.06	3.3	0.5	42.7	0.6	9	0.025	0.025	0.2	0.07	0.08
IGX043271	693078	5354562	0.05	2.4	0.5	41.1	1	20.8	0.025	0.025	0.15	0.04	0.07
IGX043272	693081	5354568	0.08	39.9	1	24.8	0.9	79.7	0.2	0.025	0.32	0.77	0.03
IGX043273	693080	5354568	0.07	44.2	1	21.8	0.8	91.5	0.23	0.05	0.38	0.88	0.01
IGX043274	693080	5354568	0.08	40.7	1	24.7	0.9	79.3	0.22	0.1	0.35	0.84	0.03
IGX043275	693080	5354567	0.09	43.2	1	23.4	0.9	84.2	0.23	0.07	0.38	0.89	0.04
IGX043276	693079	5354567	0.09	44.6	1	24.7	1.2	67.7	0.23	0.1	0.37	0.88	0.14
IGX043277	693079	5354567	0.07	40.9	1	25.5	0.8	44.8	0.22	0.05	0.35	0.83	0.13

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043278	693078	5354566	0.07	37.6	0.5	27.2	1	29.6	0.2	0.05	0.32	0.79	0.11
IGX043279	693078	5354566	0.07	20.7	1	34	1	18	0.14	0.06	0.77	0.42	0.11
IGX043281	693077	5354565	0.32	7.7	1	39.3	0.8	13.4	0.06	0.025	0.47	0.15	0.13
IGX043282	693077	5354564	0.12	6.9	1	40.9	0.4	8.1	0.06	0.025	0.49	0.15	0.09
IGX043283	693076	5354564	0.06	3.6	0.5	42.8	1.7	7.4	0.025	0.025	0.29	0.07	0.1
IGX043284	693075	5354561	0.08	34.3	0.5	22.5	1.1	86.3	0.33	0.025	2.65	0.68	0.07
IGX043285	693075	5354560	0.12	32.7	1	21.7	1.1	169	0.33	0.025	2.47	0.68	0.09
IGX043286	693073	5354559	0.43	36.4	0.5	22.2	1	343	0.29	0.025	2.19	0.65	0.07
IGX043287	693072	5354558	0.24	35.2	1	22	1.1	280	0.32	0.025	2.47	0.67	0.08
IGX043288	693076	5354565	0.06	15.5	2	34.9	0.7	21.1	0.12	0.13	0.38	0.38	0.08
IGX043289	693076	5354565	0.025	5.7	1	40.1	0.7	10.7	0.025	0.05	0.36	0.12	0.09
IGX043291	693075	5354564	0.88	8.2	0.5	40.4	0.7	11.8	0.07	0.025	0.59	0.17	0.12
IGX043292	693075	5354564	0.14	3	0.5	42.5	0.7	6.5	0.025	0.025	0.21	0.06	0.07
IGX043293	693075	5354563	0.025	1.4	0.5	42.8	0.7	7.2	0.025	0.025	0.09	0.03	0.07
IGX043294	693075	5354568	0.08	35.3	0.5	24.6	3.2	47	0.23	0.025	0.38	0.83	0.06
IGX043295	693075	5354567	0.05	25.6	1	29.8	1.2	35.7	0.16	0.025	0.28	0.61	0.05
IGX043296	693074	5354567	0.06	29.2	1	28.7	0.9	40.9	0.18	0.05	0.32	0.64	0.01
IGX043297	693074	5354566	0.05	9.2	1	37.9	0.5	24.6	0.05	0.025	0.37	0.13	0.08
IGX043298	693073	5354566	0.06	7.4	1	38.9	0.4	14.1	0.06	0.06	0.53	0.15	0.13
IGX043299	693073	5354566	0.05	6.5	1	40.1	0.5	11.3	0.06	0.06	0.48	0.14	0.13
IGX043301	693073	5354565	0.3	8.1	1	40.4	0.9	9	0.07	0.12	0.52	0.15	0.08
IGX043302	693079	5354579	0.11	36.7	1	21.7	0.7	193	0.19	0.025	0.33	1.07	0.01
IGX043303	693078	5354580	0.11	40.2	1	21.2	1.2	158.5	0.2	0.025	0.34	1.05	0.01
IGX043304	693078	5354580	0.08	35.9	1	24.5	0.7	69.1	0.19	0.07	0.35	1.04	0.01
IGX043305	693077	5354581	0.15	39	0.5	21.3	0.7	176	0.21	0.025	0.37	1.02	0.02
IGX043306	693077	5354581	0.17	36.9	0.5	21.2	0.8	217	0.19	0.025	0.33	0.96	0.01
IGX043307	693076	5354582	0.16	37.7	1	21.3	0.9	200	0.21	0.025	0.36	1.01	0.01
IGX043308	693076	5354582	0.09	34.6	1	25	0.9	68.6	0.2	0.06	0.34	0.91	0.01
IGX043309	693075	5354583	0.1	37.9	1	22.1	0.9	103	0.21	0.025	0.39	1	0.01
IGX043311	693074	5354584	0.08	35.9	1	23	1.3	131	0.21	0.025	0.41	0.95	0.01
IGX043312	693074	5354584	0.11	37	1	21.8	1.1	182	0.21	0.025	0.38	0.98	0.01
IGX043313	693073	5354585	0.13	33.9	1	21.1	0.7	202	0.19	0.025	0.33	0.92	0.02
IGX043314	693073	5354585	0.1	36.1	1	21.4	0.8	193	0.2	0.025	0.36	0.93	0.01
IGX043315	693072	5354586	0.06	35.1	0.5	21.3	0.8	141	0.21	0.025	0.34	0.97	0.01
IGX043316	693072	5354587	0.09	39.1	0.5	21.7	0.8	147.5	0.2	0.025	0.35	0.96	0.01
IGX043317	693071	5354587	0.1	36.3	0.5	20.6	0.6	135.5	0.2	0.025	0.34	0.93	0.01
IGX043318	693071	5354588	0.07	39.6	0.5	22.3	0.8	99.1	0.19	0.025	0.35	0.96	0.01

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043319	693070	5354588	0.07	37	1	21.5	0.7	117.5	0.2	0.025	0.34	0.95	0.01
IGX043321	693070	5354589	0.08	40.7	1	21.1	0.6	148	0.22	0.06	0.37	1.01	0.01
IGX043322	693069	5354589	0.14	41.5	1	21.1	0.7	127.5	0.23	0.05	0.37	1.03	0.01
IGX043323	693076	5354585	0.12	26.7	1	27.3	0.9	102.5	0.14	0.05	0.25	0.67	0.01
IGX043324	693070	5354586	0.09	37.1	1	22.9	0.8	93.7	0.19	0.025	0.32	0.88	0.01
IGX043325	693069	5354586	0.09	36.9	0.5	22.2	0.8	105	0.19	0.025	0.32	0.92	0.01
IGX043326	693069	5354586	0.1	32.8	1	24	0.7	91.8	0.18	0.05	0.3	0.84	0.01
IGX043327	693069	5354586	0.1	37.6	0.5	21.3	0.9	111.5	0.21	0.025	0.35	0.98	0.01
IGX043328	693068	5354586	0.08	34.7	0.5	23.1	0.7	93.7	0.18	0.025	0.31	0.86	0.01
IGX043329	693068	5354585	0.08	34.3	0.5	23.5	0.8	88.6	0.2	0.025	0.35	0.91	0.01
IGX043331	693068	5354585	0.45	36	1	21.8	0.8	89.5	0.19	0.025	0.34	0.88	0.01
IGX043332	693067	5354585	0.24	32.2	1	24.3	0.8	74.9	0.17	0.025	0.29	0.83	0.01
IGX043333	693073	5354571	0.07	2.4	0.5	37.3	1.4	49.4	0.27	0.025	2.41	0.05	0.3
IGX043334	693072	5354570	0.17	2.2	20	32.3	1.7	15.1	0.05	2.85	0.31	0.03	0.08
IGX043335	693072	5354570	0.23	9.3	10	33.7	2.3	9.2	0.07	1.59	0.28	0.17	0.09
IGX043336	693071	5354569	0.09	16.6	0.5	34.8	1.4	16.4	0.14	0.13	0.81	0.36	0.11
IGX043337	693071	5354569	0.11	5.9	1	40.9	0.8	13	0.05	0.13	0.36	0.13	0.17
IGX043338	693070	5354568	0.06	3.5	1	42.1	0.5	11.9	0.025	0.025	0.17	0.05	0.1
IGX043339	693070	5354568	0.09	5.4	0.5	41.8	0.6	8.6	0.05	0.025	0.36	0.1	0.07
IGX043341	693071	5354573	0.06	19.9	0.5	28.8	3.4	57.1	0.33	0.025	3.35	0.29	0.36
IGX043342	693070	5354573	0.025	3.9	1	41	2.4	7.9	0.025	0.09	0.43	0.07	0.03
IGX043343	693070	5354572	0.08	7.1	2	36.5	4.4	21.9	0.18	0.37	1.36	0.13	0.22
IGX043344	693069	5354572	0.08	9.6	1	36.6	1	22.5	0.08	0.14	0.61	0.18	0.08
IGX043345	693068	5354571	0.06	6.7	1	39.4	0.6	10.1	0.06	0.025	0.45	0.14	0.08
IGX043346	693068	5354576	0.05	23.7	0.5	29.6	0.9	28.7	0.14	0.025	0.25	0.68	0.06
IGX043347	693067	5354575	0.07	10.7	1	36.8	2.2	12.5	0.06	0.07	0.16	0.34	0.09
IGX043348	693067	5354575	0.08	12	3	32.3	1.9	35.8	0.14	0.32	1.15	0.25	0.06
IGX043349	693070	5354579	0.14	32.8	1	25	1.9	102	0.19	0.025	0.57	0.84	0.09
IGX043351	693041	5354624	0.06	38	1	22.3	0.8	91	0.19	0.025	0.41	0.81	0.01
IGX043352	693041	5354625	0.025	33.5	0.5	21.4	0.6	86.9	0.16	0.025	0.3	0.81	0.01
IGX043353	693041	5354625	0.025	37.8	0.5	21.7	0.7	104	0.18	0.025	0.36	0.78	0.01
IGX043354	693041	5354626	0.025	35.7	0.5	22.2	0.8	87.3	0.17	0.025	0.33	0.83	0.01
IGX043355	693040	5354626	0.05	38.9	0.5	22.1	0.7	88	0.19	0.025	0.4	0.82	0.01
IGX043356	693037	5354625	0.07	38.8	1	23.6	0.9	58.7	0.18	0.025	0.46	0.81	0.01
IGX043357	693037	5354625	0.06	40.1	0.5	23.2	0.9	72.9	0.2	0.025	0.5	0.86	0.01
IGX043358	693036	5354624	0.08	35.8	1	25.5	0.9	51	0.19	0.025	0.42	0.8	0.01
IGX043359	693031	5354636	0.025	18.8	0.5	26.8	0.6	140	0.26	0.025	1.5	0.42	0.02

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043361	693031	5354636	0.05	8.3	0.5	30.5	0.8	132.5	0.31	0.025	2.14	0.31	0.27
IGX043362	693030	5354637	0.05	8.2	0.5	30.2	0.7	114	0.3	0.025	2.22	0.3	0.38
IGX043363	693030	5354637	0.05	8.4	0.5	29.9	0.7	107	0.31	0.025	2.13	0.29	0.31
IGX043364	693030	5354638	0.025	7.5	0.5	29.9	0.7	94.8	0.29	0.025	1.96	0.28	0.13
IGX043365	693030	5354639	0.06	28.7	0.5	27	1.7	107	0.24	0.025	1.21	0.61	0.05
IGX043366	693040	5354606	0.08	13.8	1	36.3	1.7	25.3	0.1	0.16	0.69	0.28	0.06
IGX043367	693039	5354606	0.05	4.7	0.5	40.4	0.4	14.1	0.025	0.025	0.27	0.08	0.13
IGX043368	693039	5354606	0.06	13.4	0.5	37	1.1	11.9	0.12	0.025	0.88	0.31	0.13
IGX043369	693039	5354609	0.1	25.8	1	29.9	1	27.7	0.17	0.39	0.84	0.63	0.09
IGX043371	693039	5354608	0.54	9.1	2	36	0.7	37	0.05	0.18	0.32	0.14	0.09
IGX043372	693038	5354608	0.07	8.5	1	37.7	1	18.7	0.1	0.025	0.69	0.15	0.3
IGX043373	693038	5354608	0.05	9.4	0.5	37.8	0.9	11.6	0.08	0.025	0.71	0.21	0.12
IGX043374	693038	5354611	0.05	27.1	0.5	27.5	0.7	51.4	0.17	0.025	0.56	0.62	0.05
IGX043375	693038	5354610	0.025	7.9	0.5	30.5	0.5	81.1	0.25	0.025	1.5	0.31	0.16
IGX043376	693037	5354610	0.07	29.4	1	27.4	1.1	37.4	0.24	0.1	1.71	0.66	0.14
IGX043377	693037	5354610	0.06	9.5	1	35.6	0.5	37.1	0.07	0.05	0.53	0.19	0.09
IGX043378	693037	5354610	0.08	5.5	2	39.8	1.2	14.5	0.025	0.05	0.2	0.08	0.09
IGX043379	693038	5354614	0.06	24.2	1	28.9	1	35.5	0.18	0.025	0.78	0.57	0.41
IGX043381	693038	5354613	0.05	37.6	1	21.3	0.9	71.7	0.18	0.025	0.42	0.83	0.32
IGX043382	693037	5354613	0.07	40.3	1	25.9	1.4	26.5	0.18	0.09	0.41	0.87	0.35
IGX043383	693037	5354612	0.07	38	1	23.8	1.1	34.4	0.17	0.08	0.37	0.82	0.27
IGX043384	693036	5354612	0.12	35.7	1	26	1	20.6	0.2	0.025	0.56	0.81	0.35
IGX043385	693036	5354611	0.05	38.6	1	25.1	0.9	22.3	0.18	0.07	0.41	0.84	0.16
IGX043386	693035	5354611	0.06	15.8	1	34.6	0.6	18.4	0.11	0.14	0.56	0.35	0.11
IGX043387	693035	5354610	0.05	12.3	0.5	35.6	0.6	23.7	0.12	0.05	0.87	0.25	0.1
IGX043388	693022	5354631	0.06	35.6	1	21.8	0.6	82	0.16	0.025	0.3	0.81	0.01
IGX043389	693023	5354631	0.07	35.6	1	23.2	0.6	73.5	0.15	0.025	0.29	0.78	0.01
IGX043391	693023	5354630	0.1	27.3	1	26.8	0.4	47.4	0.13	0.07	0.24	0.65	0.01
IGX043392	693023	5354630	0.09	39.1	1	22.4	0.5	84.3	0.16	0.025	0.31	0.83	0.01
IGX043393	693023	5354629	0.13	37.8	1	23.1	0.6	97.9	0.16	0.025	0.31	0.83	0.01
IGX043394	693023	5354629	0.18	36.4	1	23.2	0.6	97.9	0.17	0.07	0.32	0.78	0.01
IGX043395	693034	5354619	0.06	36	1	24.6	0.9	38.8	0.16	0.025	0.32	0.78	0.02
IGX043396	693034	5354619	0.07	37.7	1	21.6	0.8	63.4	0.17	0.06	0.32	0.82	0.01
IGX043397	693034	5354618	0.05	41	1	21.7	0.8	45.2	0.18	0.025	0.32	0.88	0.01
IGX043398	693034	5354617	0.07	41.7	1	22.2	0.8	45.1	0.19	0.025	0.34	0.89	0.01
IGX043399	693030	5354618	0.08	36.3	1	23.1	0.7	46	0.16	0.025	0.31	0.81	0.01
IGX043401	693076	5354598	0.09	26.8	2	22.2	2.2	41.5	0.14	0.55	0.43	0.68	0.07

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043402	693072	5354596	0.06	18.1	2	28.4	2.5	85.5	0.08	0.45	0.2	0.42	0.19
IGX043403	693072	5354596	0.07	18	3	23.9	2.8	71.9	0.11	0.75	0.33	0.52	0.02
IGX043404	693068	5354594	0.05	42.9	0.5	22.9	1.6	85.6	0.18	0.025	0.43	0.96	0.4
IGX043405	693068	5354594	0.025	39.5	1	23.3	2.1	61	0.2	0.07	0.43	1.03	0.24
IGX043406	693068	5354595	0.025	37.9	1	22.7	2.2	90.4	0.17	0.11	0.33	0.99	0.24
IGX043407	693068	5354596	0.06	35.1	1	22.3	4.2	88	0.26	0.24	0.34	0.91	0.28
IGX043408	693067	5354596	0.68	14	2	24.5	3	58.9	0.13	0.52	0.71	0.36	0.17
IGX043409	693067	5354596	0.38	20.2	3	18.8	1.3	119	0.12	0.86	0.38	0.53	0.06
IGX043411	693067	5354597	0.38	27.5	5	25.3	1.8	44.6	0.13	0.64	0.3	0.64	0.05
IGX043412	693068	5354599	0.18	25.7	4	25.1	1.9	54.3	0.13	0.69	0.33	0.58	0.05
IGX043413	693061	5354593	0.025	19.5	0.5	32.1	2.2	33.6	0.08	0.025	0.19	0.33	0.07
IGX043414	693061	5354593	0.025	6.1	1	38.8	1.5	23	0.025	0.025	0.08	0.1	0.03
IGX043415	693061	5354594	0.05	5.8	1	37.1	1.3	45	0.025	0.25	0.16	0.14	0.05
IGX043416	693061	5354594	0.025	29.9	1	23.6	8.5	84.2	0.23	0.13	1.56	0.61	0.34
IGX043417	693062	5354612	0.025	7.5	0.5	29.4	0.7	158	0.11	0.025	1.66	0.13	0.42
IGX043418	693062	5354613	0.025	7.6	0.5	29.4	0.6	157	0.12	0.025	1.64	0.14	0.45
IGX043419	693062	5354613	0.025	7.3	0.5	29.7	0.6	146.5	0.12	0.025	1.69	0.14	0.46
IGX043421	693062	5354614	0.025	9.6	0.5	29.3	0.7	133.5	0.15	0.025	1.68	0.18	0.4
IGX043422	693059	5354613	0.025	42.6	1	20.5	1	146.5	0.19	0.025	0.42	0.99	0.23
IGX043423	693059	5354614	0.025	41.7	0.5	22.8	1	95.6	0.22	0.025	0.48	1.03	0.14
IGX043424	693058	5354614	0.025	38.3	1	22.1	0.8	79.2	0.2	0.025	0.46	1.05	0.13
IGX043425	693058	5354614	0.025	46.5	0.5	21.8	2.5	48.9	0.25	0.025	0.24	1.26	0.31
IGX043426	693058	5354615	0.025	51.9	1	22.4	5	77.5	0.24	0.025	0.45	1.22	0.35
IGX043427	693057	5354615	0.05	35.7	5	23.5	4.1	61.6	0.18	0.96	0.46	0.85	0.09
IGX043428	693057	5354616	0.09	12.1	6	26.5	6.7	106.5	0.21	1.29	1.18	0.36	0.15
IGX043429	693057	5354616	0.025	8.8	0.5	29.3	1.7	118	0.22	0.025	1.68	0.24	0.38
IGX043431	693057	5354617	0.46	23	1	26.1	1.1	96.5	0.19	0.025	1.54	0.49	0.3
IGX043432	693050	5354608	0.06	22.4	0.5	26.2	0.6	117	0.17	0.025	1	0.55	0.11
IGX043433	693050	5354609	0.025	7.6	0.5	29.4	0.5	131	0.14	0.025	1.67	0.16	0.44
IGX043434	693050	5354610	0.025	7.3	0.5	30.1	0.6	124	0.14	0.025	1.68	0.16	0.38
IGX043435	693050	5354610	0.025	28.2	1	25.4	1.3	119.5	0.18	0.025	1.04	0.63	0.29
IGX043436	693055	5354615	0.06	27.2	4	29.7	4.5	66	0.16	0.51	0.53	0.64	0.22
IGX043437	693055	5354615	0.11	8.2	10	27.9	5.2	75.8	0.24	2.13	1.49	0.22	0.17
IGX043438	693047	5354612	0.05	42.3	1	23.3	3.3	64	0.21	0.11	0.59	1.02	0.23
IGX043439	693047	5354612	0.025	11.1	0.5	28.3	3.4	127.5	0.28	0.025	1.79	0.36	0.39
IGX043441	693047	5354613	0.025	8.4	0.5	29.1	0.9	99	0.27	0.025	2.69	0.27	0.28
IGX043442	693047	5354613	0.025	33.7	1	24.4	0.9	93	0.19	0.025	0.81	0.68	0.36

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043443	693046	5354614	0.025	38.9	0.5	21.3	0.8	119.5	0.17	0.025	0.47	0.74	0.33
IGX043444	693046	5354614	0.025	44.3	1	24.3	1	56.5	0.19	0.025	0.74	0.84	0.39
IGX043445	693042	5354620	0.025	41.9	1	20.7	0.6	81.8	0.18	0.025	0.36	0.8	0.02
IGX043446	693042	5354620	0.025	39.4	0.5	22.1	0.6	71.8	0.17	0.025	0.34	0.78	0.01
IGX043447	693042	5354621	0.025	41.2	1	23	1	62.5	0.18	0.025	0.36	0.81	0.01
IGX043448	693042	5354621	0.025	40.4	1	22.5	0.8	77.7	0.17	0.025	0.33	0.76	0.01
IGX043449	693042	5354622	0.025	42.5	1	23.1	1	43.3	0.19	0.025	0.54	0.83	0.02
IGX043451	693070	5354579	0.15	43.2	1	22.8	1.2	188.5	0.22	0.025	0.41	1.08	0.05
IGX043452	693069	5354578	0.1	40.6	1	23.6	0.7	103	0.21	0.06	0.39	1	0.11
IGX043453	693069	5354578	0.08	43.2	1	23.4	1.1	80.3	0.23	0.025	0.45	1.02	0.13
IGX043454	693068	5354578	0.07	38	2	24.8	0.8	56.4	0.19	0.025	0.35	0.95	0.12
IGX043455	693068	5354577	0.05	41.1	2	22.7	0.6	64.1	0.21	0.07	0.38	0.98	0.13
IGX043456	693068	5354577	0.05	29.3	1	28.2	0.6	37	0.13	0.05	0.23	0.72	0.09
IGX043457	693067	5354577	0.45	26.5	0.5	28.2	0.6	47.1	0.17	0.025	0.31	0.82	0.07
IGX043458	693067	5354576	0.09	18.7	0.5	32.7	0.8	29	0.13	0.025	0.22	0.6	0.07
IGX043459	693066	5354576	0.06	10.8	0.5	37.6	0.8	20.5	0.1	0.12	0.57	0.28	0.08
IGX043461	693066	5354575	0.025	9	1	40	1.7	12.9	0.07	0.025	0.56	0.16	0.16
IGX043462	693065	5354575	0.48	5.9	8	39.7	1.4	9.2	0.08	0.81	0.43	0.21	0.19
IGX043463	693064	5354574	0.13	5.7	3	40.7	0.5	7.5	0.025	0.15	0.35	0.1	0.16
IGX043464	693063	5354574	0.05	12.2	0.5	39	1.2	25.6	0.09	0.025	0.78	0.24	0.24
IGX043465	693063	5354573	0.07	7.5	1	41.1	1	18.4	0.06	0.025	0.58	0.14	0.18
IGX043466	693065	5354574	0.06	5.3	0.5	42.4	0.7	8.4	0.05	0.025	0.38	0.11	0.15
IGX043467	693067	5354572	0.025	14.3	0.5	36.1	0.9	15	0.14	0.05	1.18	0.33	0.11
IGX043468	693067	5354571	0.025	11.7	0.5	38.3	3.8	12.3	0.1	0.025	0.87	0.24	0.1
IGX043469	693065	5354569	0.31	35.1	1	23	0.9	394	0.31	0.025	2.44	0.7	0.08
IGX043471	693064	5354569	0.59	34.3	1	22.2	0.9	358	0.31	0.025	2.17	0.7	0.14
IGX043472	693063	5354569	0.34	34.3	0.5	22.9	0.9	389	0.29	0.025	2.15	0.67	0.17
IGX043473	693063	5354573	0.38	33.6	0.5	23.9	1	355	0.29	0.025	2.45	0.65	0.06
IGX043474	693062	5354573	0.16	34.7	0.5	21.9	0.9	213	0.3	0.025	2.4	0.69	0.06
IGX043475	693062	5354573	0.15	34.3	0.5	21.2	0.9	222	0.3	0.025	2.47	0.65	0.08
IGX043476	693061	5354572	0.33	33.7	0.5	22.6	0.8	347	0.29	0.025	2.23	0.68	0.06
IGX043477	693061	5354572	0.25	34.9	1	22	0.9	342	0.32	0.025	2.27	0.7	0.09
IGX043478	693061	5354572	0.23	34.4	0.5	22.3	0.9	332	0.29	0.025	2.11	0.67	0.08
IGX043479	693060	5354571	0.21	35	0.5	21.7	0.8	295	0.29	0.025	2.05	0.62	0.09
IGX043481	693069	5354581	0.09	36.1	1	24.4	0.8	128	0.16	0.025	0.32	0.91	0.04
IGX043482	693054	5354580	0.22	30.9	0.5	25.6	1	425	0.27	0.025	2.48	0.6	0.05
IGX043483	693054	5354580	0.1	34.5	1	21.8	0.9	200	0.33	0.025	2.3	0.71	0.04

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043484	693054	5354579	0.15	35	1	21.3	0.9	210	0.3	0.025	2.42	0.66	0.04
IGX043485	693053	5354579	0.18	33.2	0.5	21.9	0.8	278	0.29	0.025	2.22	0.64	0.06
IGX043486	693053	5354578	0.09	35.3	0.5	21.6	0.8	185.5	0.3	0.025	2.42	0.67	0.04
IGX043487	693052	5354578	0.1	34.7	1	22.3	0.9	171.5	0.29	0.025	2.53	0.66	0.03
IGX043488	693051	5354577	0.07	33	0.5	22.1	0.8	119	0.3	0.025	2.47	0.66	0.03
IGX043489	693065	5354578	0.025	11.6	0.5	37.1	1.1	26.5	0.09	0.025	0.75	0.21	0.1
IGX043491	693064	5354577	0.025	7.5	1	39.8	0.7	19.5	0.05	0.025	0.38	0.11	0.15
IGX043492	693063	5354580	0.025	27.8	0.5	29.5	1.1	25.2	0.14	0.08	0.42	0.73	0.14
IGX043493	693063	5354579	0.6	11.3	1	36.5	0.6	23.3	0.08	0.11	0.4	0.29	0.06
IGX043494	693062	5354579	0.19	10.4	0.5	36.5	0.6	27.6	0.08	0.025	0.62	0.2	0.14
IGX043495	693061	5354580	0.15	8.8	1	39.8	0.8	15	0.09	0.05	0.63	0.17	0.09
IGX043496	693061	5354582	0.11	23.7	1	29.7	0.7	34.6	0.14	0.29	0.44	0.64	0.08
IGX043497	693060	5354582	0.07	13.5	0.5	35.4	0.6	35.3	0.11	0.06	0.82	0.27	0.09
IGX043498	693059	5354581	0.05	5.9	1	39.4	1.1	19.2	0.025	0.05	0.19	0.07	0.13
IGX043499	693059	5354581	0.06	9	1	37.6	0.5	19	0.08	0.06	0.56	0.14	0.14
IGX043501	693062	5354587	0.07	36	1	25.4	1.2	62.4	0.18	0.09	0.32	0.94	0.02
IGX043502	693062	5354587	0.08	35.1	1	26.4	1.7	53.9	0.2	0.06	0.34	0.99	0.01
IGX043503	693062	5354587	0.08	37.6	1	23.1	1.1	68.9	0.2	0.05	0.38	0.99	0.02
IGX043504	693061	5354586	0.06	35.3	1	23.2	0.9	85.6	0.18	0.025	0.33	0.97	0.02
IGX043505	693061	5354586	0.05	33	1	24	0.7	80	0.18	0.025	0.31	0.9	0.03
IGX043506	693060	5354585	0.05	36.3	1	23.5	0.8	59	0.18	0.025	0.33	0.94	0.04
IGX043507	693060	5354585	0.06	29.8	1	27.7	0.8	43.1	0.16	0.025	0.3	0.83	0.02
IGX043508	693060	5354585	0.06	29.6	1	28.6	0.7	33.3	0.14	0.08	0.26	0.74	0.06
IGX043509	693059	5354585	0.06	22.5	1	31.3	0.8	38.6	0.12	0.08	0.19	0.6	0.03
IGX043510	693059	5354584	0.025	28	0.5	28.3	1	31.6	0.14	0.025	0.32	0.72	0.06
IGX043511	693059	5354584	0.08	17.7	1	32.8	0.7	26.5	0.14	0.47	0.88	0.46	0.04
IGX043512	693058	5354584	0.05	12.4	0.5	36.1	0.8	35.7	0.1	0.12	0.79	0.28	0.07
IGX043513	693058	5354583	0.025	6.3	2	40.4	0.8	18	0.025	0.17	0.29	0.1	0.06
IGX043515	693062	5354588	0.09	28.6	1	30.4	1.4	38	0.15	0.08	0.29	0.79	0.01
IGX043516	693056	5354595	0.06	45.3	0.5	22.7	3.3	55	0.24	0.025	0.45	1.14	0.24
IGX043517	693056	5354594	0.05	42.2	0.5	25	4.2	19.3	0.21	0.025	0.42	1.04	0.12
IGX043518	693056	5354593	0.07	18.3	2	29.8	2.8	14.1	0.18	0.37	1.54	0.36	0.06
IGX043519	693056	5354593	0.025	26.9	1	26.2	4.1	44.7	0.16	0.09	0.47	0.52	0.03
IGX043521	693057	5354592	0.05	17.2	3	34.3	1.8	6.8	0.09	0.44	0.32	0.37	0.05
IGX043522	693057	5354592	0.05	47.4	0.5	23.5	3.7	27.8	0.24	0.025	0.42	1.2	0.36
IGX043523	693057	5354591	0.05	41.6	0.5	26	1.8	22.2	0.21	0.025	0.39	1.08	0.27
IGX043524	693057	5354590	0.025	22.7	0.5	35	0.8	14.4	0.11	0.025	0.22	0.57	0.12

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043525	693050	5354601	0.025	46.7	0.5	27.5	1.9	41.4	0.24	0.025	0.49	1.16	0.31
IGX043526	693050	5354601	0.05	42.9	0.5	26	1.7	28.7	0.22	0.025	0.47	1.15	0.23
IGX043527	693049	5354601	0.05	44.5	0.5	26.9	2.6	38.6	0.23	0.025	0.49	1.09	0.34
IGX043528	693048	5354600	0.05	33.5	0.5	29.3	1.5	37.3	0.18	0.025	0.37	0.91	0.2
IGX043529	693048	5354600	0.32	35.9	1	29.7	1.3	28.5	0.19	0.025	0.35	0.95	0.19
IGX043531	693048	5354600	0.43	31.3	1	30.1	1	30.1	0.17	0.025	0.32	0.81	0.1
IGX043532	693047	5354599	0.14	14.7	0.5	36.5	0.8	25.4	0.11	0.2	0.69	0.34	0.06
IGX043533	693047	5354599	0.09	3.9	1	42.3	0.3	10.6	0.025	0.025	0.23	0.06	0.07
IGX043534	693047	5354601	0.1	33	1	30.3	1.3	29.1	0.18	0.1	0.36	0.85	0.16
IGX043535	693046	5354600	0.09	12.4	0.5	36.8	0.5	27.1	0.07	0.16	0.3	0.26	0.07
IGX043536	693046	5354600	0.05	4	1	41.3	0.6	19.6	0.025	0.025	0.12	0.05	0.08
IGX043537	693044	5354605	0.07	42.6	0.5	24.7	0.9	46.6	0.22	0.025	0.44	1.1	0.01
IGX043538	693044	5354604	0.1	43.4	1	24.7	0.9	33.4	0.23	0.025	0.46	1.14	0.01
IGX043539	693043	5354604	0.11	41.5	0.5	26.4	1.1	34	0.22	0.025	0.4	1.09	0.06
IGX043541	693043	5354604	0.07	23.9	1	34.4	0.8	24.7	0.15	0.22	0.52	0.62	0.04
IGX043542	693043	5354603	0.08	34.9	0.5	26.9	0.8	41.1	0.19	0.09	0.34	0.93	0.02
IGX043543	693042	5354604	0.07	4.3	1	39.8	0.4	17	0.025	0.025	0.29	0.09	0.09
IGX043544	693042	5354604	0.1	16.4	1	34.2	0.5	38	0.12	0.25	0.65	0.41	0.06
IGX043545	693042	5354608	0.09	41.2	1	22.5	1	51.3	0.29	0.025	0.56	1.23	0.14
IGX043546	693042	5354608	0.05	19.9	0.5	29.9	0.9	55.1	0.18	0.025	1.16	0.59	0.26
IGX043547	693041	5354607	0.05	7.1	0.5	32.5	0.6	65.7	0.18	0.025	1.49	0.26	0.27
IGX043548	693041	5354607	0.05	8.8	0.5	33.1	0.6	66.6	0.18	0.025	1.45	0.25	0.17
IGX043549	693040	5354607	0.08	28.7	1	31.6	0.9	37.5	0.17	0.14	0.33	0.79	0.05
IGX043551	693029	5354617	0.07	35.6	1	24.7	0.7	45.5	0.17	0.025	0.36	0.77	0.05
IGX043552	693029	5354617	0.09	40.4	1	23	0.8	53.6	0.2	0.08	0.41	0.88	0.01
IGX043553	693028	5354616	0.08	39.6	0.5	25.2	0.7	31.5	0.2	0.08	0.4	0.88	0.02
IGX043554	693028	5354616	0.07	33.9	1	27.8	0.6	28.7	0.16	0.05	0.3	0.73	0.04
IGX043555	693026	5354618	0.06	2.3	0.5	43.4	0.2	11	0.025	0.025	0.08	0.02	0.07
IGX043556	693025	5354618	0.06	7.8	0.5	39	0.5	22	0.06	0.07	0.5	0.13	0.09
IGX043557	693025	5354618	0.06	10.8	0.5	38.3	0.8	16.6	0.11	0.025	0.87	0.24	0.17
IGX043558	693024	5354617	0.06	10	1	37.2	0.8	12.9	0.11	0.025	1.08	0.18	0.09
IGX043559	693040	5354607	0.06	22.7	0.5	33.2	0.5	24.7	0.1	0.025	0.27	0.47	0.02
IGX043561	693026	5354621	0.06	33.7	1	25.3	0.7	53.9	0.16	0.15	0.34	0.76	0.02
IGX043562	693025	5354620	0.07	40.6	0.5	24.5	1.1	44.5	0.2	0.025	0.43	0.95	0.02
IGX043563	693025	5354620	0.05	24	1	32.5	0.8	28.8	0.12	0.09	0.23	0.54	0.03
IGX043564	693025	5354620	0.07	16.9	1	36.7	0.6	17	0.08	0.23	0.18	0.36	0.06
IGX043565	693024	5354619	0.08	6.9	0.5	40.2	1.8	18.9	0.025	0.13	0.31	0.09	0.07

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043566	693024	5354619	0.06	20.3	0.5	33.9	0.8	20.6	0.18	0.025	1.47	0.4	0.08
IGX043567	693033	5354628	0.08	37	0.5	23.6	0.6	97.9	0.16	0.025	0.32	0.74	0.01
IGX043568	693032	5354627	0.11	40.5	0.5	22.6	0.6	94.7	0.18	0.025	0.36	0.87	0.01
IGX043569	693031	5354627	0.14	35.9	0.5	22.9	0.6	113.5	0.18	0.025	0.35	0.8	0.02
IGX043571	693031	5354626	0.17	38.2	0.5	22.3	0.8	90.7	0.17	0.025	0.38	0.86	0.01
IGX043572	693030	5354625	0.22	37.6	0.5	22	0.6	109	0.18	0.025	0.36	0.84	0.01
IGX043573	693029	5354625	0.21	37.8	0.5	22.5	0.5	94.7	0.17	0.06	0.35	0.84	0.01
IGX043574	693029	5354624	0.2	38.9	0.5	22.9	0.6	97.5	0.19	0.025	0.37	0.86	0.01
IGX043575	693028	5354624	0.2	39.5	0.5	22	0.7	101	0.18	0.025	0.37	0.86	0.01
IGX043576	693028	5354623	0.18	39.2	0.5	23.7	0.6	75.1	0.19	0.025	0.38	0.87	0.02
IGX043577	693027	5354623	0.2	40	0.5	23.6	0.7	74	0.18	0.025	0.55	0.89	0.01
IGX043578	693026	5354622	0.15	38.8	0.5	22.6	0.5	93.2	0.16	0.025	0.31	0.78	0.01
IGX043579	693025	5354622	0.13	36.7	0.5	23.4	0.6	62.3	0.17	0.025	0.33	0.85	0.02
IGX043581	693023	5354621	0.08	5.7	0.5	41	0.3	11.7	0.025	0.08	0.33	0.11	0.11
IGX043582	693022	5354621	0.06	13.6	0.5	37.8	0.5	12.7	0.13	0.025	1.1	0.32	0.08
IGX043583	693022	5354620	0.09	13.8	0.5	37.3	0.7	56.5	0.2	0.09	1.18	0.35	0.19
IGX043584	693021	5354619	0.09	28.3	0.5	30.5	1.3	27.2	0.19	0.11	1.22	0.74	0.18
IGX043585	693020	5354619	0.09	34.4	0.5	25.8	1.4	27.5	0.24	0.15	1.64	0.8	0.16
IGX043586	693020	5354619	0.08	32.8	0.5	21.5	0.9	51.2	0.29	0.025	2.43	0.68	0.06
IGX043587	693019	5354618	0.08	33.8	0.5	21.8	1	59.2	0.32	0.025	2.51	0.71	0.07
IGX043588	693019	5354618	0.08	36.2	0.5	20.2	1	59.4	0.32	0.025	2.42	0.73	0.12
IGX043589	693018	5354617	0.08	36.9	0.5	20	0.9	67.6	0.32	0.05	2.72	0.72	0.12
IGX043591	693018	5354617	0.35	28.7	0.5	27.1	0.9	59.2	0.19	0.025	1.27	0.64	0.04
IGX043592	693017	5354616	0.13	45.5	0.5	24.1	1	77.5	0.23	0.025	0.42	1.21	0.06
IGX043593	693017	5354616	0.13	47.2	0.5	24	1.2	73.2	0.24	0.025	0.45	1.25	0.07
IGX043594	693022	5354625	0.14	40.3	0.5	22.3	0.6	109.5	0.19	0.05	0.41	0.88	0.02
IGX043595	693022	5354625	0.13	35.5	1	24.7	0.7	64	0.18	0.29	0.37	0.8	0.02
IGX043596	693021	5354624	0.08	34.6	1	24.4	0.6	53.6	0.15	0.44	0.34	0.75	0.02
IGX043597	693021	5354624	0.06	8.6	0.5	36.5	0.2	34.8	0.025	0.11	0.08	0.15	0.05
IGX043598	693021	5354624	0.11	4	1	39.8	0.3	18.3	0.025	0.37	0.09	0.07	0.11
IGX043599	693020	5354623	0.07	5.4	0.5	40.2	0.3	13.3	0.025	0.28	0.33	0.12	0.2
IGX043601	693020	5354623	0.3	20.7	1	32.8	0.6	19.6	0.16	0.025	1.4	0.41	0.07
IGX043602	693020	5354623	0.12	15.3	0.5	35.6	0.5	14.9	0.13	0.025	0.98	0.33	0.07
IGX043603	693019	5354622	0.13	11.6	0.5	35.3	0.6	19.5	0.11	0.1	1.02	0.2	0.1
IGX043604	693021	5354622	0.1	10.1	0.5	36.9	0.4	12.5	0.1	0.05	0.81	0.2	0.08
IGX043605	693021	5354621	0.13	16.2	1	33.8	0.6	31.7	0.13	0.14	1.04	0.34	0.3
IGX043606	693019	5354624	0.09	10.9	0.5	35.1	0.7	18.6	0.15	0.025	1.39	0.19	0.1

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043607	693018	5354624	0.21	24.1	1	31.2	1.1	36.7	0.18	0.4	1.35	0.48	0.36
IGX043608	693017	5354623	0.17	41.8	1	24.9	1.2	22.7	0.22	0.14	0.64	1.15	0.11
IGX043609	693017	5354623	0.12	27.2	1	26.9	1	28.1	0.26	0.025	2.12	0.63	0.13
IGX043610	693017	5354622	0.11	35.9	1	24.5	1.3	30.5	0.26	0.06	1.81	0.98	0.09
IGX043611	693016	5354622	0.14	37.4	1	25.5	1.2	35.2	0.26	0.06	1.11	1.06	0.37
IGX043612	693016	5354622	0.13	47.5	1	24.3	1.1	42.6	0.24	0.025	0.43	1.3	0.21
IGX043613	693016	5354621	0.1	30.7	0.5	21.8	0.8	80.6	0.26	0.025	1.85	0.72	0.15
IGX043616	693015	5354620	0.11	33	1	21.4	0.9	66.8	0.25	0.025	1.64	0.77	0.12
IGX043617	693015	5354620	0.13	27.9	1	28.8	0.6	38.8	0.14	0.06	0.24	0.79	0.11
IGX043618	693018	5354627	0.11	30.4	1	27.1	0.8	53.4	0.14	0.25	0.27	0.72	0.03
IGX043619	693017	5354627	0.1	9.8	2	37.2	0.4	21.4	0.025	0.32	0.09	0.21	0.09
IGX043621	693017	5354627	0.08	1.6	1	42.4	0.2	7.9	0.025	0.12	0.07	0.04	0.14
IGX043622	693017	5354627	0.07	22.3	0.5	32.2	0.8	20.4	0.2	0.025	1.57	0.46	0.08
IGX043623	693017	5354626	0.07	19.2	0.5	33.9	1	15.3	0.16	0.1	1.3	0.39	0.09
IGX043624	693017	5354630	0.07	23	1	27.7	0.9	82	0.21	0.025	0.98	0.59	0.03
IGX043625	693017	5354631	0.06	8.1	0.5	31.1	0.7	107	0.3	0.025	1.99	0.32	0.11
IGX043626	693017	5354631	0.06	7.2	0.5	31.6	1	83.5	0.3	0.025	1.99	0.32	0.14
IGX043627	693016	5354632	0.06	7.7	0.5	31.4	0.7	71.6	0.3	0.025	2.1	0.32	0.18
IGX043628	693016	5354632	0.07	7.2	0.5	31	0.5	105.5	0.3	0.025	1.99	0.31	0.02
IGX043629	693016	5354633	0.05	17.9	0.5	28.2	0.7	82.7	0.25	0.025	1.44	0.48	0.01
IGX043631	693016	5354628	0.07	27.3	1	29.4	0.9	29.6	0.13	0.28	0.24	0.6	0.03
IGX043632	693016	5354628	0.06	7.1	1	38	0.5	21.2	0.025	0.27	0.07	0.12	0.13
IGX043633	693015	5354627	0.07	6.5	1	40.1	0.5	10	0.05	0.1	0.34	0.16	0.14
IGX043634	693015	5354627	0.13	20.2	1	33	0.9	27.6	0.18	0.59	1.35	0.43	0.19
IGX043635	693015	5354627	0.09	10.9	1	37.5	0.7	18.4	0.09	0.21	0.74	0.23	0.19
IGX043636	693014	5354626	0.17	11.2	3	35.9	0.7	19.3	0.11	1.16	0.93	0.19	0.14
IGX043637	693014	5354632	0.07	23.1	0.5	26.4	0.6	94.6	0.23	0.025	1.14	0.57	0.01
IGX043638	693014	5354632	0.06	24.9	0.5	28.2	1.1	64.1	0.22	0.025	1.01	0.65	0.05
IGX043639	693013	5354631	0.025	7.6	0.5	31.7	0.6	78.4	0.28	0.05	1.86	0.28	0.14
IGX043641	693013	5354631	0.48	7.8	0.5	32.1	0.5	78.7	0.28	0.025	1.97	0.29	0.06
IGX043642	693013	5354630	0.13	7	0.5	32.6	0.9	93.3	0.26	0.025	1.95	0.28	0.04
IGX043643	693013	5354630	0.09	7.3	1	35	0.4	45.3	0.025	0.09	0.27	0.05	0.09
IGX043644	693012	5354629	0.08	3.5	1	40.9	0.4	10.5	0.025	0.12	0.2	0.07	0.16
IGX043645	693013	5354631	0.08	8	1	35	0.8	62	0.12	0.09	0.83	0.16	0.1
IGX043646	693012	5354631	0.06	8.7	1	37	0.6	28.6	0.025	0.06	0.06	0.03	0.2
IGX043647	693012	5354631	0.05	1.3	1	42.4	0.4	7.9	0.025	0.11	0.05	0.01	0.09
IGX043648	693012	5354631	0.07	8	1	37.5	0.8	20.7	0.06	0.17	0.46	0.17	0.23

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043649	693014	5354633	0.07	30.6	0.5	24.8	0.6	63	0.2	0.05	0.69	0.74	0.01
IGX043651	693011	5354633	0.05	37.2	1	26.1	0.8	50.8	0.19	0.08	0.32	0.87	0.02
IGX043652	693011	5354632	0.06	25.3	1	32.1	0.7	40.2	0.17	0.2	0.47	0.59	0.02
IGX043653	693011	5354632	0.025	13.4	0.5	36.8	0.7	38.1	0.025	0.025	0.08	0.03	0.11
IGX043654	693010	5354632	0.025	2	1	42.1	0.2	12.2	0.025	0.1	0.07	0.03	0.09
IGX043655	693010	5354632	0.06	4.9	1	41.3	0.4	13.2	0.025	0.11	0.26	0.1	0.09
IGX043656	693009	5354632	0.05	26.2	0.5	21	0.7	67.3	0.23	0.025	1.79	0.54	0.11
IGX043657	693009	5354631	0.025	27.9	0.5	20	0.7	77.8	0.22	0.025	1.85	0.55	0.13
IGX043658	693008	5354631	0.05	31	0.5	20.3	0.8	67.4	0.27	0.025	2.06	0.64	0.1
IGX043659	693008	5354630	0.06	34.9	0.5	20.7	0.8	66.5	0.29	0.025	2.24	0.67	0.09
IGX043661	693008	5354630	0.07	35.2	1	21.8	0.9	63.8	0.3	0.025	2.47	0.73	0.09
IGX043662	693007	5354630	0.07	37.5	0.5	20.8	1	51.6	0.35	0.025	2.52	0.82	0.13
IGX043663	693007	5354629	0.06	37.6	0.5	20	0.9	68.4	0.31	0.025	2.58	0.75	0.17
IGX043664	693006	5354630	0.08	27.3	2	27.1	1.2	28.9	0.62	0.11	2.72	0.86	0.09
IGX043665	693004	5354633	0.09	37.5	1	26.3	1.6	28.5	0.38	0.025	0.96	1.04	0.08
IGX043666	693004	5354632	0.06	37.6	0.5	24.3	2.9	44.6	0.33	0.025	0.64	1.01	0.04
IGX043667	693012	5354637	0.025	0.8	0.5	25	1.1	163.5	3.36	0.025	6.43	0.22	0.38
IGX043668	693012	5354637	0.025	1.5	0.5	25.2	1.3	144	3.14	0.06	6.3	0.3	0.33
IGX043669	693011	5354637	0.05	0.9	1	25.7	1	199	2.86	1.34	12.8	0.26	0.29
IGX043671	693011	5354636	0.41	1.6	0.5	23.6	0.8	179.5	2.91	0.025	18.15	0.24	0.25
IGX043672	693011	5354636	0.1	10.5	0.5	27.9	0.6	91.1	0.28	0.06	2.73	0.33	0.33
IGX043673	693010	5354636	0.06	6.9	0.5	31.2	0.5	64.4	0.2	0.025	1.79	0.24	0.32
IGX043674	693009	5354636	0.2	6.8	0.5	31.4	0.8	62.3	0.2	0.025	1.84	0.25	0.33
IGX043675	693009	5354636	0.06	7.6	0.5	30.2	0.6	70.5	0.2	0.025	1.58	0.25	0.19
IGX043676	693009	5354635	0.07	37.4	1	26.7	0.9	58.2	0.17	0.14	0.4	0.79	0.01
IGX043677	693008	5354635	0.07	37.8	1	26.5	0.8	54.9	0.17	0.08	0.37	0.81	0.01
IGX043678	693007	5354635	0.06	7.2	1	32.4	0.3	60.1	0.025	0.11	0.2	0.06	0.05
IGX043679	693007	5354635	0.09	6.7	1	40.4	0.6	10.6	0.06	0.66	0.46	0.15	0.09
IGX043681	693011	5354636	0.05	11.9	0.5	30.1	1.3	53.8	0.2	0.025	1.46	0.36	0.16
IGX043682	693011	5354636	0.06	7.2	0.5	30.9	0.8	65.6	0.2	0.025	1.66	0.26	0.35
IGX043683	693011	5354637	0.05	5.6	1	27	0.8	139	1	0.05	5.68	0.24	0.31
IGX043684	693011	5354637	0.025	1.2	1	25.5	1.1	157	2.44	0.05	11.3	0.22	0.31
IGX043685	693011	5354638	0.05	21.5	1	25.9	0.9	88.5	0.93	0.025	6.07	0.5	0.13
IGX043686	693010	5354638	0.05	40.5	1	22.2	0.6	72.6	0.16	0.025	0.4	0.72	0.02
IGX043687	693016	5354638	0.05	13.8	0.5	28.3	0.8	94	0.24	0.025	2.11	0.39	0.34
IGX043688	693016	5354638	0.06	3.2	1	28.1	1.6	122	2.65	0.025	12.05	0.28	0.41
IGX043689	693016	5354639	0.06	23.4	1	26.4	1.2	89.5	1.61	0.05	4.51	0.48	0.35

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043691	693017	5354643	0.025	39	0.5	23.1	0.5	88.3	0.15	0.025	0.31	0.69	0.01
IGX043692	693017	5354644	0.08	41.8	0.5	22.1	1.1	74.8	0.16	0.025	0.33	0.72	0.16
IGX043693	693016	5354644	0.17	39.4	1	21.5	0.9	78	0.15	0.05	0.28	0.67	0.26
IGX043694	693016	5354645	0.16	41.4	1	21.4	0.7	64.2	0.16	0.025	0.3	0.69	0.16
IGX043695	693016	5354645	0.16	37.1	1	22.2	0.9	65.8	0.15	0.05	0.3	0.65	0.17
IGX043696	693016	5354646	0.14	33.2	5	25.3	2.1	50.7	0.17	0.48	0.41	0.77	0.05
IGX043697	693014	5354647	0.025	46.4	0.5	24.2	1.7	58.5	0.23	0.025	0.44	1.18	0.01
IGX043698	693014	5354647	0.05	44.6	1	24.5	1.5	76.3	0.23	0.025	0.41	1.11	0.01
IGX043699	693014	5354646	0.025	46	1	22.4	2.9	77.1	0.22	0.025	0.4	1.14	0.01
IGX043701	693014	5354646	0.025	44.7	0.5	23	2.7	67.7	0.23	0.025	0.41	1.12	0.02
IGX043702	693013	5354646	0.12	43.9	3	23.2	2.1	57.4	0.22	0.22	0.44	1.04	0.05
IGX043703	693013	5354645	0.14	35.3	1	21.8	1.4	77	0.15	0.11	0.34	0.66	0.1
IGX043704	693012	5354645	0.21	40.9	1	22.2	2.1	50.7	0.16	0.1	0.39	0.69	0.31
IGX043705	693012	5354644	0.08	44.5	0.5	22.1	1.1	45.3	0.17	0.025	0.36	0.79	0.23
IGX043706	693012	5354643	0.1	42.1	1	22.1	1.1	55.9	0.16	0.025	0.32	0.72	0.17
IGX043707	693011	5354643	0.11	39.7	1	22.6	1.2	55.6	0.17	0.025	0.34	0.65	0.23
IGX043708	693010	5354642	0.025	41.4	1	21.2	1.2	87.4	0.15	0.025	0.31	0.7	0.01
IGX043709	693010	5354642	0.05	35.7	1	23.4	0.7	84.3	0.12	0.025	0.25	0.61	0.02
IGX043711	693009	5354641	0.21	38.1	1	22.1	1.3	76.1	0.14	0.025	0.27	0.66	0.01
IGX043712	693009	5354640	0.15	37.1	1	22.1	1.3	77.1	0.14	0.025	0.27	0.64	0.01
IGX043713	693008	5354640	0.12	37.9	1	21.4	0.7	70.5	0.14	0.025	0.26	0.7	0.01
IGX043714	693008	5354639	0.05	37.7	1	21.5	0.6	68.8	0.13	0.05	0.27	0.67	0.02
IGX043715	693007	5354638	0.05	37.5	1	22.2	0.7	66	0.15	0.025	0.3	0.67	0.02
IGX043716	693007	5354638	0.05	39.9	1	21.3	0.8	63	0.15	0.05	0.31	0.68	0.03
IGX043717	693007	5354637	0.06	10.4	2	27.5	1.1	85.1	2.13	0.35	7.51	0.32	0.13
IGX043718	693006	5354636	0.07	8.6	1	36.9	0.5	29.4	0.13	0.1	0.59	0.13	0.1
IGX043719	693005	5354636	0.16	29.4	1	24.5	1.2	42.7	0.28	0.025	1.78	0.62	0.08
IGX043721	693005	5354635	0.05	32	1	20.1	0.8	67.5	0.28	0.025	2.27	0.64	0.08
IGX043722	693003	5354634	0.08	30.2	1	25.6	1.8	41.3	0.26	0.025	0.55	0.95	0.04
IGX043723	693005	5354638	0.06	18	0.5	33.3	0.7	37.3	0.52	0.1	2.38	0.33	0.03
IGX043724	693005	5354638	0.08	7.4	1	35	0.3	44.2	0.025	0.11	0.23	0.07	0.13
IGX043725	693006	5354644	0.06	37.2	1	25.7	0.8	43.8	0.19	0.025	0.34	0.91	0.02
IGX043726	693005	5354644	0.05	43.3	1	23	0.9	42.6	0.21	0.025	0.37	1.05	0.02
IGX043727	693005	5354643	0.09	37.6	1	23.5	0.8	59.1	0.19	0.025	0.35	0.95	0.01
IGX043728	693005	5354642	0.07	43.8	1	26.2	1	29.5	0.21	0.05	0.42	1.09	0.03
IGX043729	693005	5354642	0.08	29.8	1	22.6	1.2	77	0.12	0.12	0.32	0.54	0.13
IGX043731	693005	5354641	0.09	36.4	1	27.3	1.7	38.1	0.17	0.1	0.31	0.78	0.2

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043732	693005	5354640	0.025	37.2	1	21.9	0.7	75.5	0.14	0.05	0.27	0.63	0.05
IGX043733	693005	5354640	0.025	34.2	1	23.8	0.5	69.3	0.13	0.05	0.28	0.6	0.02
IGX043734	693003	5354640	0.025	11.5	1	31.1	0.3	73.4	0.025	0.12	0.19	0.1	0.07
IGX043735	693003	5354640	0.08	3.2	2	42.2	0.3	8.6	0.025	0.31	0.22	0.07	0.15
IGX043736	693003	5354646	0.09	42.4	1	26.2	0.7	40.6	0.22	0.07	0.44	1.02	0.02
IGX043737	693001	5354643	0.06	42.2	1	26	0.9	29.5	0.22	0.12	0.39	1.09	0.02
IGX043738	693001	5354643	0.06	29.8	1	30.3	0.9	29	0.16	0.2	0.34	0.79	0.03
IGX043739	693000	5354643	0.08	9	1	38.6	0.9	21.4	0.07	0.43	0.4	0.21	0.16
IGX043741	693000	5354642	0.09	3.3	2	41.7	1.2	9.1	0.025	0.38	0.23	0.07	0.14
IGX043742	692999	5354645	0.06	5.3	1	39.4	0.4	20.9	0.025	0.2	0.24	0.1	0.14
IGX043743	692998	5354644	0.06	10	1	38.3	0.8	16.1	0.09	0.3	0.63	0.23	0.14
IGX043744	693005	5354634	0.05	33	1	22.6	0.9	59	0.31	0.025	2.53	0.71	0.05
IGX043745	693005	5354634	0.06	37.5	1	22	1.1	50.8	0.31	0.08	2.5	0.71	0.1
IGX043746	693004	5354634	0.15	34.8	1	19.6	0.9	68	0.27	0.025	2.2	0.62	0.08
IGX043747	693005	5354650	0.2	23.3	0.5	33.5	1	54	0.08	0.025	0.27	0.38	0.01
IGX043748	693003	5354652	0.3	42.1	2	22.9	1	141.5	0.2	0.12	0.42	0.94	0.01
IGX043749	693002	5354652	0.41	53.3	0.5	21.1	0.8	181.5	0.26	0.025	0.4	1.3	0.02
IGX043751	693002	5354652	0.23	36.6	1	26	0.7	102.5	0.12	0.025	0.25	0.56	0.02
IGX043752	693001	5354649	0.27	41.3	1	21.4	0.6	144.5	0.13	0.025	0.24	0.58	0.01
IGX043753	693000	5354649	0.17	37.1	1	22.2	0.4	112.5	0.11	0.025	0.24	0.5	0.02
IGX043754	693000	5354648	0.18	34.1	1	23.7	0.4	103	0.11	0.05	0.23	0.5	0.04
IGX043755	693000	5354648	0.17	36.7	1	23	0.4	84.8	0.12	0.025	0.22	0.57	0.03
IGX043756	692999	5354647	0.18	48.8	1	20.1	0.6	79.2	0.18	0.08	0.31	0.84	0.04
IGX043757	692999	5354647	0.1	43.2	1	21.2	0.5	66.7	0.14	0.025	0.25	0.76	0.05
IGX043758	692999	5354647	0.11	44.3	0.5	24	0.7	53.1	0.18	0.025	0.35	1	0.08
IGX043759	692998	5354646	0.08	38.1	1	25	1.3	58.9	0.22	0.05	0.48	0.98	0.04
IGX043761	692998	5354646	0.08	27.7	0.5	31	0.6	36.8	0.16	0.09	0.61	0.66	0.04
IGX043762	692997	5354645	0.06	5.5	1	41.8	0.4	10.2	0.025	0.14	0.3	0.09	0.13
IGX043763	692997	5354643	0.06	26.9	1	26.2	0.8	58.7	0.21	0.025	1.79	0.5	0.07
IGX043764	692996	5354643	0.06	31.3	1	23.2	0.9	54.1	0.27	0.025	2.29	0.65	0.08
IGX043765	692996	5354642	0.06	38.8	0.5	21.7	0.9	38	0.15	0.025	0.36	0.69	0.09
IGX043766	692995	5354641	0.07	36.6	0.5	20.7	0.7	38.1	0.12	0.025	0.28	0.63	0.03
IGX043767	692995	5354640	0.06	29.4	0.5	23.8	1.1	39.2	0.09	0.025	0.23	0.49	0.02
IGX043768	692996	5354648	0.13	32.3	1	27.8	0.5	62.8	0.1	0.12	0.22	0.54	0.03
IGX043769	692996	5354648	0.1	37.6	1	28.4	0.8	32	0.15	0.19	0.36	0.89	0.03
IGX043771	692996	5354647	0.11	14	1	35.9	0.5	26.5	0.1	0.24	0.72	0.27	0.07
IGX043772	692995	5354647	0.1	14.4	2	36.2	0.6	24.5	0.12	0.35	0.88	0.31	0.11

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043773	692994	5354652	0.11	45.6	2	22.7	0.9	61.6	0.23	0.08	0.43	1.13	0.03
IGX043774	692993	5354652	0.11	43.4	1	25.7	0.9	53.4	0.22	0.07	0.41	1.08	0.03
IGX043775	692993	5354651	0.1	40.1	2	25.5	0.8	45.2	0.19	0.2	0.36	0.97	0.02
IGX043776	692993	5354650	0.1	38.2	2	27.7	0.9	33.6	0.18	0.36	0.37	0.91	0.05
IGX043777	692992	5354650	0.06	12.4	1	36.6	1.5	25.7	0.09	0.14	0.78	0.24	0.1
IGX043778	693002	5354656	0.08	35.1	2	26.7	4.2	39.3	0.18	0.37	0.38	0.82	0.02
IGX043779	693002	5354656	0.3	20.6	13	23.8	15	18.8	0.21	2.33	0.98	0.52	0.05
IGX043781	693001	5354657	0.54	10.6	12	24	10.4	26.5	0.15	2.44	0.84	0.23	0.05
IGX043782	693001	5354657	0.06	36.1	3	22.4	6	44.1	0.18	0.33	0.41	0.76	0.08
IGX043783	693000	5354658	0.07	25.2	5	25.5	1.8	37.5	0.16	0.38	0.54	0.51	0.01
IGX043784	692996	5354655	0.09	31	2	21.5	3.5	61.1	0.24	0.31	0.56	1.03	0.03
IGX043785	692996	5354655	0.34	20.5	8	25.9	10.9	29.1	0.24	1.28	1.12	0.44	0.1
IGX043786	692996	5354656	0.07	32.4	4	22.6	1.4	52.1	0.18	0.32	0.43	0.68	0.02
IGX043787	692996	5354659	0.025	35.2	0.5	22.1	0.9	44.5	0.18	0.025	0.43	0.81	0.01
IGX043788	692996	5354658	0.025	27.1	0.5	28.8	0.8	39.3	0.13	0.025	0.27	0.6	0.01
IGX043789	692995	5354657	0.05	45.3	0.5	18.3	1.5	42.7	0.23	0.025	0.33	1.04	0.01
IGX043791	692995	5354657	0.025	36.5	1	21.6	1	60.3	0.18	0.025	0.34	0.75	0.01
IGX043792	692994	5354656	0.05	35.1	0.5	22.3	0.8	48.9	0.17	0.025	0.33	0.76	0.01
IGX043793	692994	5354656	0.05	39.4	0.5	21.7	1.4	54	0.19	0.025	0.37	0.82	0.01
IGX043794	692994	5354655	0.14	24.2	4	25.2	6	52	0.19	0.7	0.66	0.53	0.03
IGX043795	692993	5354655	0.07	40.8	1	21.1	6.8	126	0.22	0.13	0.44	1.04	0.04
IGX043796	692993	5354655	0.1	33.3	4	21.8	10.5	62.1	0.2	0.67	0.63	0.75	0.06
IGX043797	692992	5354655	0.09	28.5	4	24.8	2.5	35.3	0.16	0.74	0.46	0.6	0.02
IGX043798	692992	5354656	0.08	31	4	23.2	1.3	36.1	0.18	0.32	0.51	0.62	0.01
IGX043799	692989	5354665	0.11	34.6	0.5	20.9	0.6	73.2	0.15	0.025	0.31	0.68	0.01
IGX043801	692989	5354664	0.12	31.1	0.5	23.1	0.8	64.9	0.16	0.025	0.37	0.65	0.01
IGX043802	692988	5354664	0.12	33.8	1	21.4	0.6	80.4	0.17	0.025	0.34	0.69	0.01
IGX043803	692988	5354663	0.12	30.4	0.5	23.1	0.6	69.5	0.14	0.025	0.27	0.61	0.01
IGX043804	692987	5354663	0.06	29.7	0.5	22.7	0.5	67.3	0.15	0.025	0.3	0.6	0.01
IGX043805	692987	5354662	0.07	33	0.5	20.5	0.6	77.1	0.15	0.025	0.28	0.67	0.01
IGX043806	692987	5354662	0.08	32.4	1	22.4	0.7	59.7	0.16	0.025	0.32	0.7	0.01
IGX043807	692986	5354661	0.06	32	1	23.3	0.7	46.1	0.15	0.025	0.28	0.68	0.01
IGX043808	692986	5354661	0.06	28.8	1	22.5	0.7	45.3	0.16	0.025	0.27	0.64	0.01
IGX043809	692985	5354660	0.05	30.8	0.5	21	0.7	43.4	0.14	0.05	0.29	0.61	0.01
IGX043811	692987	5354657	0.35	34.4	1	20.8	0.7	45.5	0.16	0.08	0.33	0.72	0.02
IGX043812	692986	5354657	0.09	34.3	1	22.9	0.6	47.7	0.17	0.1	0.32	0.75	0.02
IGX043813	692985	5354655	0.08	32.7	0.5	19.5	0.9	90.9	0.27	0.025	2.33	0.6	0.09

Sample ID	Easting (m)	Northing (m)	Sb (ppm)	Sc (ppm)	Se (ppm)	Si (%)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)
IGX043814	692984	5354655	0.1	27.4	0.5	22.1	0.7	79	0.25	0.025	2.08	0.53	0.09
IGX043815	692984	5354654	0.1	35.9	1	19.5	0.9	99.9	0.29	0.025	2.36	0.62	0.14
IGX043816	692984	5354654	0.09	40.6	0.5	19.3	1.3	80.3	0.25	0.025	1.56	0.67	0.15
IGX043817	692983	5354653	0.1	35.8	0.5	20.8	0.9	62	0.14	0.025	0.3	0.6	0.11
IGX043818	692983	5354653	0.21	29.6	0.5	19.8	0.7	77.6	0.14	0.025	0.27	0.51	0.11
IGX043819	692983	5354652	0.11	28.7	0.5	21.3	0.8	70.4	0.12	0.025	0.36	0.55	0.1
IGX043821	692983	5354651	0.1	39.4	0.5	20.8	0.9	59.7	0.14	0.025	0.27	0.63	0.12
IGX043822	692982	5354651	0.1	40.2	0.5	20.6	1.1	51.1	0.14	0.025	0.26	0.64	0.16
IGX043823	692982	5354650	0.08	35.1	0.5	22.8	1	49	0.13	0.025	0.27	0.6	0.1
IGX043824	693021	5354627	0.19	37.1	1	23.1	2	96.2	0.17	0.05	0.34	0.78	0.03
IGX043825	693021	5354627	0.15	34	1	21.8	0.9	93.7	0.17	0.025	0.36	0.88	0.02
IGX043826	693021	5354626	0.16	40.2	2	21.9	0.9	75.5	0.2	0.16	0.4	0.88	0.01
IGX043827	693020	5354626	0.1	34.1	1	27.6	0.7	34	0.18	0.24	0.36	0.76	0.02
IGX043828	693020	5354625	0.07	21.1	2	31.3	0.5	36.1	0.1	0.42	0.23	0.43	0.05

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043101	693113	5354526	0.3	61	0.6	9.9	27	42.8
IGX043102	693113	5354526	0.2	62	0.5	9.7	34	20.8
IGX043103	693113	5354525	0.1	49	0.4	6.4	31	17.6
IGX043104	693112	5354527	0.2	81	0.8	7.3	41	28.5
IGX043105	693111	5354526	0.4	184	1.6	12.3	78	56.8
IGX043106	693111	5354526	0.6	298	2.8	23.6	93	100
IGX043107	693112	5354526	0.3	84	0.8	8.6	38	47.6
IGX043108	693115	5354530	0.6	75	1	9.6	30	94.4
IGX043109	693114	5354530	0.6	73	1.1	8.3	36	84.6
IGX043111	693113	5354529	0.4	87	1	13.2	43	103
IGX043112	693112	5354528	0.4	169	1.8	13.7	69	60.2
IGX043113	693112	5354528	0.2	88	1.4	10	42	41.6
IGX043114	693111	5354527	0.2	80	0.8	9.3	37	27.2
IGX043115	693111	5354527	0.2	98	1	8.1	43	30.9
IGX043116	693111	5354527	0.6	269	2.8	20.2	76	93.3
IGX043117	693110	5354526	0.6	261	2.5	26.5	71	95.3
IGX043118	693110	5354526	0.6	280	2.8	27.3	70	98.7
IGX043119	693109	5354525	0.6	286	2.5	26.2	79	99.1

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043121	693109	5354530	0.3	132	1.3	11.7	60	45.8
IGX043122	693109	5354529	0.5	244	2.8	17.4	110	72.9
IGX043123	693108	5354529	0.8	355	3.9	25	84	119.5
IGX043124	693108	5354529	0.7	296	2.9	29.2	62	105
IGX043125	693112	5354554	0.5	78	2.3	8.1	72	115
IGX043126	693112	5354553	0.6	68	1.6	8.5	73	95.7
IGX043127	693119	5354549	1	90	1.5	11.7	60	127
IGX043128	693119	5354549	1.1	82	1.9	10.7	64	132.5
IGX043129	693118	5354550	0.6	87	2	10.6	45	129
IGX043131	693118	5354550	0.5	85	2	10.5	47	139
IGX043132	693118	5354551	0.4	82	3.8	10.3	42	127.5
IGX043133	693117	5354551	0.7	69	2.1	9	81	104.5
IGX043134	693117	5354552	0.6	64	1.7	9.1	87	101
IGX043135	693116	5354553	0.3	74	2.7	8.2	70	120.5
IGX043136	693116	5354553	0.6	61	2	7.4	64	104.5
IGX043137	693116	5354554	0.4	78	3.9	10.8	49	130.5
IGX043138	693115	5354554	0.7	66	2.9	11.2	77	101.5
IGX043139	693115	5354555	0.6	70	2.6	10.6	77	108.5
IGX043141	693115	5354555	0.6	65	2.8	6.5	60	97.5
IGX043142	693114	5354556	0.7	80	3.6	7.5	55	128.5
IGX043143	693114	5354556	0.6	77	2.8	8.2	65	113.5
IGX043144	693114	5354557	0.6	75	2.5	10	71	104
IGX043145	693113	5354557	0.6	70	2.8	12.6	67	109
IGX043146	693113	5354558	0.6	83	2	13.6	103	93.5
IGX043147	693113	5354558	0.5	85	3.2	11.6	68	108
IGX043148	693112	5354559	0.5	139	5.1	12.6	74	106
IGX043149	693112	5354559	0.5	143	4.2	15.1	85	100.5
IGX043151	693112	5354560	0.4	83	3.5	11	65	67.2
IGX043152	693111	5354561	0.6	72	2.2	11.9	93	116
IGX043153	693111	5354562	0.7	71	2.6	10.4	101	111.5
IGX043154	693111	5354562	1	108	2.2	9.8	105	116
IGX043155	693110	5354562	0.6	93	2.9	7.8	71	132.5
IGX043156	693110	5354563	0.9	145	1.9	19	107	113.5
IGX043157	693110	5354563	1.2	154	2.3	25.1	111	135
IGX043158	693109	5354564	0.8	75	2.2	8.4	137	117.5
IGX043159	693109	5354564	0.4	61	1.9	4.5	60	65.3
IGX043161	693109	5354565	0.2	40	0.9	1	3	28.5

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043162	693108	5354565	0.2	49	2	1.6	2	35.2
IGX043163	693108	5354565	0.2	53	4.9	1.7	4	33
IGX043164	693108	5354566	0.2	54	6	2.2	7	36.6
IGX043165	693107	5354566	0.1	254	6.3	24.6	175	76.5
IGX043166	693107	5354567	0.1	220	4.3	29.8	159	59.4
IGX043167	693107	5354567	0.3	88	2.8	12.6	99	75.6
IGX043168	693106	5354568	0.1	278	8.7	28.8	147	73.9
IGX043169	693106	5354568	0.1	282	5.2	27.2	98	68.4
IGX043171	693106	5354569	0.1	273	9.1	29.1	92	57.3
IGX043172	693122	5354555	0.7	61	1.6	7.9	68	94.5
IGX043173	693121	5354555	0.6	67	2.6	8.7	85	105.5
IGX043174	693122	5354563	0.8	72	3.2	9.8	101	103.5
IGX043175	693122	5354563	0.7	68	2.7	9.7	96	97.8
IGX043176	693123	5354564	0.6	75	3.1	9.9	75	118.5
IGX043177	693118	5354568	1.2	160	1.2	23	119	139
IGX043178	693118	5354569	0.2	33	3.2	1.7	12	30.5
IGX043179	693118	5354569	0.2	25	2.2	1.3	12	22.8
IGX043181	693117	5354569	0.1	21	0.9	0.8	5	17.8
IGX043182	693117	5354570	0.1	17	0.7	0.6	4	20
IGX043183	693117	5354570	0.2	27	1	0.9	7	35.8
IGX043184	693116	5354571	0.2	32	0.6	1.1	12	45.2
IGX043185	693115	5354572	0.3	67	2.3	9.3	42	80.2
IGX043186	693115	5354572	0.1	282	9.7	57.2	134	73.3
IGX043187	693089	5354533	3.2	105	2.9	33.9	31	312
IGX043188	693089	5354533	3.7	23	2.4	22.7	11	331
IGX043189	693088	5354534	2.5	100	2.7	31.2	41	278
IGX043191	693098	5354547	0.6	88	1.4	11.5	74	100.5
IGX043192	693098	5354547	0.6	66	0.8	8.3	94	82
IGX043193	693097	5354546	0.4	96	1.5	12.3	76	113
IGX043194	693097	5354546	0.3	70	1.3	10.9	48	73
IGX043195	693096	5354546	0.5	81	1.3	9.8	66	83.3
IGX043196	693096	5354545	0.3	62	1.4	6.4	39	49.5
IGX043197	693096	5354545	0.2	77	1.1	5.7	48	54.5
IGX043198	693095	5354545	0.1	52	1.1	5.1	24	16.5
IGX043199	693094	5354544	0.3	165	2.8	16.7	71	41.9
IGX043201	693094	5354544	0.2	177	3.1	25	68	43.2
IGX043202	693094	5354544	0.1	82	1.4	10.2	29	23

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043203	693093	5354543	0.3	252	1.9	28.5	69	64.7
IGX043204	693093	5354543	0.4	233	1.8	29.3	64	74.1
IGX043205	693092	5354543	2.1	73	1.2	19.5	20	330
IGX043206	693091	5354542	0.2	286	2.1	36	78	63.8
IGX043207	693090	5354541	0.6	299	12.4	25.6	106	79.7
IGX043208	693094	5354556	0.1	53	0.4	2.7	26	12.1
IGX043209	693093	5354556	0.1	157	2.6	23.3	82	39.5
IGX043211	693093	5354556	0.1	269	4.6	34	117	85.3
IGX043212	693092	5354557	0.1	147	2.5	19.8	77	44
IGX043213	693092	5354557	0.2	174	3	23.5	89	63
IGX043214	693092	5354558	0.2	55	1	6	39	48.9
IGX043215	693095	5354562	0.1	280	8.6	34	100	58.4
IGX043216	693094	5354562	0.1	295	9.4	29.1	89	62.6
IGX043217	693094	5354562	0.1	220	5.6	22.9	96	53.8
IGX043218	693093	5354563	0.1	299	5.4	33.2	131	33.7
IGX043219	693093	5354564	0.1	249	6.4	27.8	91	26.9
IGX043221	693093	5354564	0.1	246	6.8	30.9	96	18.5
IGX043222	693087	5354563	0.1	296	4.2	38.4	135	14.6
IGX043223	693087	5354564	0.1	246	3.6	30.6	118	11.3
IGX043224	693086	5354564	0.1	299	2	33.7	134	14.8
IGX043225	693088	5354565	0.1	304	2.1	35.6	126	18
IGX043226	693087	5354566	0.1	292	2.6	40.4	131	15.9
IGX043227	693087	5354567	0.1	297	2.1	34.8	126	19.7
IGX043228	693086	5354567	0.1	293	2.3	36.9	134	21
IGX043229	693086	5354568	0.1	295	1.5	34.8	140	24.7
IGX043231	693085	5354568	0.1	294	1.4	34	132	21.3
IGX043232	693084	5354569	0.1	289	1.7	37.7	123	15.6
IGX043233	693084	5354570	0.1	254	2.7	32	112	17.4
IGX043234	693083	5354570	0.1	261	6.6	33.6	138	33.6
IGX043235	693083	5354571	0.1	281	4	33.8	153	28.1
IGX043236	693082	5354572	0.1	266	10	35	164	29.5
IGX043237	693081	5354572	0.1	279	8	29.5	162	36.2
IGX043238	693081	5354573	0.1	296	6.1	31.1	373	45.6
IGX043239	693081	5354573	0.2	148	4.1	18.7	365	57.9
IGX043241	693080	5354574	0.7	5	1.1	9.3	38	69.2
IGX043242	693089	5354566	0.1	267	3.3	31.8	117	13.9
IGX043243	693088	5354566	0.1	209	3.8	28	96	8.6

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043244	693083	5354569	0.1	214	2.8	29.6	92	16.4
IGX043245	693086	5354571	0.1	181	7.6	22.5	90	15.5
IGX043246	693085	5354575	0.7	7	0.8	9.1	45	71.1
IGX043247	693085	5354575	0.8	106	0.8	12.3	184	96.7
IGX043248	693085	5354576	0.7	46	0.9	10.1	74	84.2
IGX043249	693084	5354576	0.6	115	1.6	10.3	177	93.5
IGX043251	693087	5354559	0.1	240	3.6	26.5	104	23.1
IGX043252	693086	5354558	0.05	55	1.4	5.5	32	8.9
IGX043253	693086	5354558	0.3	109	2.1	11.7	62	40.6
IGX043254	693085	5354557	0.4	158	2.7	17	101	61.9
IGX043255	693085	5354557	0.2	76	1.1	8.5	42	30.1
IGX043256	693084	5354556	0.05	37	0.3	3.5	16	5
IGX043257	693084	5354556	0.05	17	0.4	1.7	11	4.5
IGX043258	693083	5354555	0.1	273	3.2	26.1	70	48.3
IGX043259	693083	5354554	0.1	250	2.3	27.2	62	48.9
IGX043261	693082	5354554	0.2	262	2.2	26.8	109	67.5
IGX043262	693083	5354561	0.1	139	2.1	15.4	97	33.1
IGX043263	693082	5354560	0.2	62	1.5	7.6	42	23.8
IGX043264	693082	5354559	0.1	47	0.6	4.2	28	17
IGX043265	693081	5354558	0.1	29	0.3	4.2	18	8.1
IGX043266	693080	5354563	0.1	113	2.6	11.1	491	23.2
IGX043267	693079	5354563	0.1	73	2.5	8.6	66	14.4
IGX043268	693079	5354563	0.2	69	1.8	5.3	54	26.5
IGX043269	693078	5354562	0.1	28	1.6	2.5	23	8.5
IGX043271	693078	5354562	0.05	19	0.3	2.2	15	4.8
IGX043272	693081	5354568	0.1	245	2.2	28	110	27.4
IGX043273	693080	5354568	0.1	271	1.9	36.2	136	30.6
IGX043274	693080	5354568	0.1	250	2.1	32.7	127	36.6
IGX043275	693080	5354567	0.1	268	2.4	34.4	134	35.4
IGX043276	693079	5354567	0.1	292	2.7	32.2	152	57
IGX043277	693079	5354567	0.1	268	2.9	28	171	48
IGX043278	693078	5354566	0.1	253	2.9	26.4	269	36.3
IGX043279	693078	5354566	0.2	153	1.8	14	304	37.4
IGX043281	693077	5354565	0.1	60	1.6	4.3	55	18.6
IGX043282	693077	5354564	0.1	58	1.1	4.8	46	19.6
IGX043283	693076	5354564	0.1	28	0.5	3.3	20	9
IGX043284	693075	5354561	0.6	278	1.3	22.6	113	93.7

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043285	693075	5354560	0.6	279	1.5	24.1	111	88.6
IGX043286	693073	5354559	0.6	284	1.3	25.2	109	79.4
IGX043287	693072	5354558	0.6	288	1.2	24.3	119	79.5
IGX043288	693076	5354565	0.1	124	1.5	13.6	196	19.8
IGX043289	693076	5354565	0.1	49	1.2	3.7	49	13.2
IGX043291	693075	5354564	0.2	67	1.2	4.4	43	22.8
IGX043292	693075	5354564	0.1	22	0.7	2.4	16	8.3
IGX043293	693075	5354563	0.05	10	0.9	1.2	7	3.2
IGX043294	693075	5354568	0.1	257	3.6	26.4	162	20.4
IGX043295	693075	5354567	0.1	191	2.6	19.2	152	15.6
IGX043296	693074	5354567	0.1	203	1.7	26.1	386	26.3
IGX043297	693074	5354566	0.1	52	2.5	6.4	48	15.2
IGX043298	693073	5354566	0.1	63	1.2	7.8	50	20.3
IGX043299	693073	5354566	0.1	59	0.7	4	38	19.1
IGX043301	693073	5354565	0.1	66	0.8	4.5	48	20.5
IGX043302	693079	5354579	0.1	377	1.4	27	156	14.4
IGX043303	693078	5354580	0.1	376	2.7	29	165	13.9
IGX043304	693078	5354580	0.1	337	4.9	29.4	157	14.4
IGX043305	693077	5354581	0.1	360	1.9	28.8	152	13.8
IGX043306	693077	5354581	0.1	358	1.2	28	145	9.5
IGX043307	693076	5354582	0.1	338	1.3	29.9	122	15.8
IGX043308	693076	5354582	0.1	290	4.2	28.2	149	12.8
IGX043309	693075	5354583	0.1	333	4	29.1	164	15
IGX043311	693074	5354584	0.1	298	2.8	30.2	156	19
IGX043312	693074	5354584	0.1	330	3.1	30.2	153	16
IGX043313	693073	5354585	0.1	322	3.1	27.2	148	15.6
IGX043314	693073	5354585	0.1	335	4.4	28.2	146	14.4
IGX043315	693072	5354586	0.1	329	3.7	27.7	155	10.2
IGX043316	693072	5354587	0.1	342	3.6	28.6	151	15.6
IGX043317	693071	5354587	0.1	319	5	27.6	144	25.4
IGX043318	693071	5354588	0.1	339	3.8	32.8	156	24.5
IGX043319	693070	5354588	0.1	333	5.6	30.5	153	16.9
IGX043321	693070	5354589	0.1	352	5.7	31	134	27.3
IGX043322	693069	5354589	0.1	355	8.6	31.2	136	32.1
IGX043323	693076	5354585	0.1	238	3.2	21.3	112	10
IGX043324	693070	5354586	0.1	311	6.8	28.9	157	10.6
IGX043325	693069	5354586	0.1	321	6.1	28.8	166	13.6

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043326	693069	5354586	0.1	296	12.2	26.2	153	9.5
IGX043327	693069	5354586	0.1	342	5.5	31.2	178	13.5
IGX043328	693068	5354586	0.1	304	5.1	26.5	158	14.8
IGX043329	693068	5354585	0.1	311	4.5	27.2	157	13.1
IGX043331	693068	5354585	0.1	307	5.6	29.1	161	13.4
IGX043332	693067	5354585	0.1	295	2.8	24.1	149	10.1
IGX043333	693073	5354571	0.5	15	0.5	6.1	17	50.7
IGX043334	693072	5354570	0.1	42	0.2	3.6	75	14.6
IGX043335	693072	5354570	0.1	80	0.7	6.8	78	22.8
IGX043336	693071	5354569	0.2	137	1.3	12.9	102	38.6
IGX043337	693071	5354569	0.1	37	1.9	6.2	19	14.2
IGX043338	693070	5354568	0.1	19	1.6	2.9	13	6.5
IGX043339	693070	5354568	0.1	42	1.1	3.8	26	15
IGX043341	693071	5354573	0.8	129	3.6	13.9	119	93.8
IGX043342	693070	5354573	0.1	36	3.1	3.4	40	16.8
IGX043343	693070	5354572	0.4	60	1.9	8.7	61	73.7
IGX043344	693069	5354572	0.2	70	1.2	9.3	41	24.9
IGX043345	693068	5354571	0.1	57	0.9	5	39	19.4
IGX043346	693068	5354576	0.1	224	2.1	21.4	135	18.4
IGX043347	693067	5354575	0.1	112	0.8	11	73	10
IGX043348	693067	5354575	0.3	112	1	10.2	89	39.7
IGX043349	693070	5354579	0.1	295	1.8	25.5	133	20.8
IGX043351	693041	5354624	0.1	316	1.2	20.4	140	38.6
IGX043352	693041	5354625	0.1	313	0.4	16.3	129	30.7
IGX043353	693041	5354625	0.1	302	0.6	20.5	131	43.3
IGX043354	693041	5354626	0.1	324	0.9	21.9	135	44
IGX043355	693040	5354626	0.1	316	1.9	21.9	137	42.2
IGX043356	693037	5354625	0.1	311	1.8	26.7	133	33.3
IGX043357	693037	5354625	0.1	331	1	28.8	137	31.3
IGX043358	693036	5354624	0.1	300	2.3	26.5	123	29.9
IGX043359	693031	5354636	0.4	135	3.6	15.7	76	103.5
IGX043361	693031	5354636	0.6	71	2.2	9.2	56	140.5
IGX043362	693030	5354637	0.6	67	2	8.6	59	143
IGX043363	693030	5354637	0.5	65	3	8.8	56	138.5
IGX043364	693030	5354638	0.5	66	2.5	7.2	51	136
IGX043365	693030	5354639	0.3	207	7.2	16.2	79	101.5
IGX043366	693040	5354606	0.2	106	4.8	13.4	65	36.8

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043367	693039	5354606	0.1	29	1.7	4.6	20	11
IGX043368	693039	5354606	0.2	120	1.5	8.7	75	36.6
IGX043369	693039	5354609	0.2	237	2.3	22.7	123	57.8
IGX043371	693039	5354608	0.1	49	113	8.7	34	23.8
IGX043372	693038	5354608	0.2	60	3	6.1	29	37.7
IGX043373	693038	5354608	0.2	90	1.2	6.3	56	28
IGX043374	693038	5354611	0.2	219	23.9	21.7	153	62.9
IGX043375	693038	5354610	0.3	84	2	10.7	60	83.1
IGX043376	693037	5354610	0.4	274	1.6	27.8	159	84.5
IGX043377	693037	5354610	0.1	73	13.1	11.1	47	24
IGX043378	693037	5354610	0.1	34	3.9	3.7	25	7.8
IGX043379	693038	5354614	0.2	200	3.3	17.7	94	84
IGX043381	693038	5354613	0.1	315	2.4	23.3	139	69.7
IGX043382	693037	5354613	0.1	358	4.4	29	131	64.8
IGX043383	693037	5354612	0.1	335	3.9	28.8	156	59.4
IGX043384	693036	5354612	0.2	311	3.7	26.8	162	64
IGX043385	693036	5354611	0.1	323	4	26.5	196	55.8
IGX043386	693035	5354611	0.2	129	3	15.8	84	35
IGX043387	693035	5354610	0.2	110	1.1	10.1	74	37.6
IGX043388	693022	5354631	0.1	318	1.4	21.6	148	22.7
IGX043389	693023	5354631	0.1	305	1.2	21.2	144	19.6
IGX043391	693023	5354630	0.1	246	1.1	15.6	123	13.8
IGX043392	693023	5354630	0.1	316	1.1	22.2	163	19.2
IGX043393	693023	5354629	0.1	296	0.8	23.8	153	18
IGX043394	693023	5354629	0.1	271	0.8	23.9	163	19
IGX043395	693034	5354619	0.1	303	3.1	25	127	41.2
IGX043396	693034	5354619	0.1	307	6	27.3	135	39
IGX043397	693034	5354618	0.1	331	7.2	26.7	157	44.2
IGX043398	693034	5354617	0.1	338	4.3	27.4	155	55.8
IGX043399	693030	5354618	0.1	307	4.1	25	150	57.4
IGX043401	693076	5354598	0.2	238	1.1	10.5	365	53.7
IGX043402	693072	5354596	0.1	155	2.4	13	208	30.5
IGX043403	693072	5354596	0.1	174	1.1	13.8	411	45.5
IGX043404	693068	5354594	0.1	381	9.3	24.3	211	72.8
IGX043405	693068	5354594	0.1	359	8.9	18.7	282	79.4
IGX043406	693068	5354595	0.1	343	9.8	18.3	319	66.2
IGX043407	693068	5354596	0.1	318	5.6	14	436	61.1

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043408	693067	5354596	0.2	132	5.6	15.3	341	58.8
IGX043409	693067	5354596	0.1	203	1.4	10.9	371	44.7
IGX043411	693067	5354597	0.1	238	3.5	15.6	282	44.7
IGX043412	693068	5354599	0.1	241	5.5	14.4	315	46.9
IGX043413	693061	5354593	0.1	152	2.2	12.9	145	27.2
IGX043414	693061	5354593	0.05	51	3.1	5.4	59	8.2
IGX043415	693061	5354594	0.05	53	1.1	6.2	94	18.8
IGX043416	693061	5354594	0.4	221	4.3	21.5	323	90.4
IGX043417	693062	5354612	0.4	60	0.3	7.4	48	76.4
IGX043418	693062	5354613	0.3	62	0.4	9.8	49	74.7
IGX043419	693062	5354613	0.4	63	0.6	10.8	48	73.4
IGX043421	693062	5354614	0.4	76	1.7	13	55	75.8
IGX043422	693059	5354613	0.2	360	5	13.2	193	96.9
IGX043423	693059	5354614	0.1	359	11.2	17.8	202	85.2
IGX043424	693058	5354614	0.1	340	5.1	16.4	222	90.8
IGX043425	693058	5354614	0.1	476	6.4	14.9	305	83
IGX043426	693058	5354615	0.1	458	5.8	14	335	99.9
IGX043427	693057	5354615	0.2	316	2.3	8.6	374	71.6
IGX043428	693057	5354616	0.4	107	1.1	9.6	282	77.1
IGX043429	693057	5354616	0.5	71	2.3	8	113	86.7
IGX043431	693057	5354617	0.4	176	2.6	11.6	133	83.1
IGX043432	693050	5354608	0.3	198	4.6	14.8	77	66.5
IGX043433	693050	5354609	0.4	64	0.9	8.2	44	76.1
IGX043434	693050	5354610	0.4	62	1.2	9.9	42	76.5
IGX043435	693050	5354610	0.4	243	4.6	18.3	104	78.1
IGX043436	693055	5354615	0.2	234	2	8.8	1090	55
IGX043437	693055	5354615	0.5	61	1.6	6.7	892	83.3
IGX043438	693047	5354612	0.2	363	6.2	30.7	246	77.2
IGX043439	693047	5354612	0.4	88	3.2	10.7	91	91.6
IGX043441	693047	5354613	0.5	65	3.4	10.3	75	90.5
IGX043442	693047	5354613	0.2	244	2.3	16.1	207	69.4
IGX043443	693046	5354614	0.1	279	2.3	18	227	69.3
IGX043444	693046	5354614	0.2	324	2.8	20.8	332	70.5
IGX043445	693042	5354620	0.1	303	5.6	20.5	140	67.4
IGX043446	693042	5354620	0.1	297	6.5	23	137	62
IGX043447	693042	5354621	0.1	311	4.9	27.1	137	60.6
IGX043448	693042	5354621	0.1	294	3.3	22	136	58.4

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043449	693042	5354622	0.1	322	3.6	27.9	140	61.3
IGX043451	693070	5354579	0.1	352	1.6	35.2	142	28.5
IGX043452	693069	5354578	0.1	325	3	31.7	135	34.6
IGX043453	693069	5354578	0.1	354	2.9	30.6	147	26.6
IGX043454	693068	5354578	0.1	314	2.3	29.2	127	28.1
IGX043455	693068	5354577	0.1	328	3	31.8	132	51
IGX043456	693068	5354577	0.1	259	1.5	18.2	110	22.2
IGX043457	693067	5354577	0.1	245	1.7	19.1	111	26.3
IGX043458	693067	5354576	0.1	193	1.5	17	113	27.5
IGX043459	693066	5354576	0.1	92	0.8	10.5	55	26.5
IGX043461	693066	5354575	0.1	59	4.1	8.9	29	21.5
IGX043462	693065	5354575	0.1	68	4.6	5.7	27	23.7
IGX043463	693064	5354574	0.1	39	1.4	4.7	31	14.4
IGX043464	693063	5354574	0.2	94	1.1	9.1	36	26.8
IGX043465	693063	5354573	0.1	47	2.1	5.1	23	17.5
IGX043466	693065	5354574	0.1	35	1.1	3.2	19	15
IGX043467	693067	5354572	0.3	137	1	10.7	70	43.3
IGX043468	693067	5354571	0.2	100	1	7.1	55	32.6
IGX043469	693065	5354569	0.6	297	1	25.4	119	76.9
IGX043471	693064	5354569	0.6	290	0.7	23.9	129	77.1
IGX043472	693063	5354569	0.6	287	0.7	23.2	129	70.8
IGX043473	693063	5354573	0.6	286	1	25.1	98	70.5
IGX043474	693062	5354573	0.6	282	1.3	24.8	118	79.6
IGX043475	693062	5354573	0.6	262	1.1	25.6	112	82.9
IGX043476	693061	5354572	0.6	294	1.2	23.9	112	75.5
IGX043477	693061	5354572	0.6	293	1	24.8	130	80.7
IGX043478	693061	5354572	0.6	285	0.8	23.2	130	72.1
IGX043479	693060	5354571	0.5	275	0.9	22.4	128	63.7
IGX043481	693069	5354581	0.1	322	1.5	24.5	138	17.4
IGX043482	693054	5354580	0.6	281	0.9	22.8	87	70.2
IGX043483	693054	5354580	0.6	276	1	23.3	119	92.2
IGX043484	693054	5354579	0.6	276	1.2	24.9	122	76.8
IGX043485	693053	5354579	0.6	269	1.2	23.8	115	71.9
IGX043486	693053	5354578	0.6	277	0.9	24.9	129	84.3
IGX043487	693052	5354578	0.6	280	0.7	25.9	118	84.4
IGX043488	693051	5354577	0.6	273	0.8	25.5	117	90.5
IGX043489	693065	5354578	0.2	83	0.8	13.3	55	29

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043491	693064	5354577	0.1	32	2.8	6.9	22	15.5
IGX043492	693063	5354580	0.1	255	1.9	21.5	107	26.3
IGX043493	693063	5354579	0.1	105	0.7	12.1	59	19.2
IGX043494	693062	5354579	0.2	72	2.5	10.4	30	26.1
IGX043495	693061	5354580	0.1	69	1.8	5.3	40	30
IGX043496	693061	5354582	0.1	223	1.4	20.4	100	22.3
IGX043497	693060	5354582	0.2	98	2	13.6	53	37.5
IGX043498	693059	5354581	0.1	23	2.5	4.8	17	9
IGX043499	693059	5354581	0.1	52	2.2	7.7	42	24.3
IGX043501	693062	5354587	0.1	318	1.7	29.4	131	19.6
IGX043502	693062	5354587	0.1	320	2.9	31.1	140	21.8
IGX043503	693062	5354587	0.1	347	1.7	28.5	168	10.7
IGX043504	693061	5354586	0.1	327	1.5	26.3	163	10.2
IGX043505	693061	5354586	0.1	306	1.4	24.2	155	11.4
IGX043506	693060	5354585	0.1	326	1.8	26	168	9.6
IGX043507	693060	5354585	0.1	279	1.1	21.6	137	9.8
IGX043508	693060	5354585	0.1	281	1.6	19.6	123	13.3
IGX043509	693059	5354585	0.1	218	1.4	15.9	99	10.8
IGX043510	693059	5354584	0.1	274	1.5	20.2	127	18.9
IGX043511	693059	5354584	0.2	173	1	17	93	43.7
IGX043512	693058	5354584	0.2	102	1.4	14.2	59	32.7
IGX043513	693058	5354583	0.1	37	8.6	5.6	82	11.4
IGX043515	693062	5354588	0.1	265	2.2	27.2	116	17.1
IGX043516	693056	5354595	0.1	405	6.4	32.7	225	73.9
IGX043517	693056	5354594	0.1	383	3.5	39.3	248	65
IGX043518	693056	5354593	0.3	170	1.5	13.4	170	57.6
IGX043519	693056	5354593	0.1	221	1.4	18.5	177	51.8
IGX043521	693057	5354592	0.1	146	1.3	12.8	106	29.7
IGX043522	693057	5354592	0.1	423	4.9	37.8	164	73.4
IGX043523	693057	5354591	0.1	380	4.5	34.4	139	71.5
IGX043524	693057	5354590	0.1	214	2.2	18.8	91	38
IGX043525	693050	5354601	0.1	440	6.4	32	176	70.7
IGX043526	693050	5354601	0.1	430	5.8	33.7	167	71.3
IGX043527	693049	5354601	0.2	399	4.7	34	144	76.8
IGX043528	693048	5354600	0.1	323	4.6	31.1	123	61.1
IGX043529	693048	5354600	0.1	333	2.7	30	126	68.2
IGX043531	693048	5354600	0.1	285	2	28.9	125	58.8

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043532	693047	5354599	0.2	114	1	14.6	67	40.2
IGX043533	693047	5354599	0.1	22	1.3	3.2	18	8.6
IGX043534	693047	5354601	0.1	306	2.6	27.1	124	55.7
IGX043535	693046	5354600	0.1	89	0.7	10.4	95	23.5
IGX043536	693046	5354600	0.05	16	0.9	3.6	12	4.8
IGX043537	693044	5354605	0.1	383	3	33.3	138	69.1
IGX043538	693044	5354604	0.1	399	3.4	32.2	138	74
IGX043539	693043	5354604	0.1	369	3.1	34.5	144	81.7
IGX043541	693043	5354604	0.2	201	2.1	21.6	90	51.9
IGX043542	693043	5354603	0.1	326	2	28.5	130	57.8
IGX043543	693042	5354604	0.1	26	2.4	4.6	15	11.4
IGX043544	693042	5354604	0.2	133	1.1	17.3	67	42.9
IGX043545	693042	5354608	0.1	368	4.6	43.1	212	76
IGX043546	693042	5354608	0.3	191	2.4	18.1	98	63.6
IGX043547	693041	5354607	0.3	64	1.4	8.9	43	63
IGX043548	693041	5354607	0.3	80	1.3	9.5	49	59.1
IGX043549	693040	5354607	0.2	250	2.4	26	98	51.7
IGX043551	693029	5354617	0.1	274	2.1	24	134	52.2
IGX043552	693029	5354617	0.2	314	2.4	27.2	152	64.6
IGX043553	693028	5354616	0.2	318	2.5	27.1	166	60.3
IGX043554	693028	5354616	0.1	268	2.5	23	149	54.8
IGX043555	693026	5354618	0.05	11	62	1.3	13	2.3
IGX043556	693025	5354618	0.1	59	5.4	5	48	18.5
IGX043557	693025	5354618	0.2	96	1.2	8.3	64	34.9
IGX043558	693024	5354617	0.2	88	1	6.9	70	36.9
IGX043559	693040	5354607	0.1	197	1.4	14	95	22.4
IGX043561	693026	5354621	0.1	274	1.7	19.7	134	27.8
IGX043562	693025	5354620	0.1	328	2.5	26.7	163	52.3
IGX043563	693025	5354620	0.1	194	2.6	15.8	114	32.2
IGX043564	693025	5354620	0.1	131	4.7	13.8	98	24
IGX043565	693024	5354619	0.1	37	153	5.5	33	11.2
IGX043566	693024	5354619	0.4	155	3.5	15.6	116	57.9
IGX043567	693033	5354628	0.1	288	1.2	22.1	128	27.7
IGX043568	693032	5354627	0.1	313	1.4	26.6	139	28.8
IGX043569	693031	5354627	0.1	290	0.9	24.6	127	29.1
IGX043571	693031	5354626	0.1	310	0.6	25.9	129	24.2
IGX043572	693030	5354625	0.1	304	0.4	26	131	49.1

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043573	693029	5354625	0.1	305	0.4	26	130	39.5
IGX043574	693029	5354624	0.1	305	0.4	26.6	129	34.5
IGX043575	693028	5354624	0.1	306	0.4	26.1	129	35
IGX043576	693028	5354623	0.1	309	0.6	25.5	135	34.4
IGX043577	693027	5354623	0.1	326	0.5	24.9	141	30.7
IGX043578	693026	5354622	0.1	315	0.5	21.5	145	20.6
IGX043579	693025	5354622	0.1	305	1.1	25.1	144	22
IGX043581	693023	5354621	0.1	48	9.1	3.8	58	14
IGX043582	693022	5354621	0.3	126	1.3	10.2	103	42
IGX043583	693022	5354620	0.3	119	1.3	11.2	62	40.2
IGX043584	693021	5354619	0.3	246	2.5	21.8	76	62.6
IGX043585	693020	5354619	0.3	285	2.9	24.6	79	77.8
IGX043586	693020	5354619	0.6	298	1.9	23.3	96	96.6
IGX043587	693019	5354618	0.7	290	1.5	23.6	105	98
IGX043588	693019	5354618	0.7	324	2.4	26.2	105	104
IGX043589	693018	5354617	0.6	325	2	24.6	103	104
IGX043591	693018	5354617	0.3	239	1.5	20.2	71	67.6
IGX043592	693017	5354616	0.1	359	4.1	36.8	65	66.5
IGX043593	693017	5354616	0.1	376	5.3	39.4	65	67.5
IGX043594	693022	5354625	0.1	311	1.2	27.4	159	28.3
IGX043595	693022	5354625	0.1	287	1.6	24	156	28.9
IGX043596	693021	5354624	0.1	266	3.1	24.6	166	27.2
IGX043597	693021	5354624	0.05	63	120	5.8	60	5.5
IGX043598	693021	5354624	0.05	25	293	3	126	4.4
IGX043599	693020	5354623	0.1	44	840	4.8	152	13.7
IGX043601	693020	5354623	0.4	170	9.2	14.7	259	56.6
IGX043602	693020	5354623	0.3	130	18.1	10.6	182	41.7
IGX043603	693019	5354622	0.3	99	3.9	7	110	35.9
IGX043604	693021	5354622	0.2	91	1.1	6.7	83	34.6
IGX043605	693021	5354621	0.3	141	1.9	11.5	95	44.6
IGX043606	693019	5354624	0.4	87	3.9	7.9	90	46.2
IGX043607	693018	5354624	0.4	197	13.8	13.8	126	67.7
IGX043608	693017	5354623	0.3	352	3.2	39.5	83	74.5
IGX043609	693017	5354623	0.6	242	1.9	20.3	77	86.5
IGX043610	693017	5354622	0.4	313	2.3	26.6	90	84.5
IGX043611	693016	5354622	0.4	302	3.9	35.7	69	81.1
IGX043612	693016	5354622	0.2	371	5.3	41.8	70	71.1

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043613	693016	5354621	0.5	264	1.8	22.4	85	88.5
IGX043616	693015	5354620	0.5	299	2.5	23.2	87	93.5
IGX043617	693015	5354620	0.1	246	3.6	21.5	63	44.8
IGX043618	693018	5354627	0.1	252	1.5	20.9	150	30
IGX043619	693017	5354627	0.05	72	198	8.5	59	8.6
IGX043621	693017	5354627	0.05	13	437	1.7	19	3.3
IGX043622	693017	5354627	0.4	179	2.5	16.4	156	64.9
IGX043623	693017	5354626	0.4	158	2.9	13.7	118	56
IGX043624	693017	5354630	0.3	192	1.1	16.6	121	60.2
IGX043625	693017	5354631	0.5	75	1.2	9.7	57	123
IGX043626	693017	5354631	0.5	66	1	8.4	47	130
IGX043627	693016	5354632	0.6	70	1.1	9.5	46	135.5
IGX043628	693016	5354632	0.5	62	0.6	8.6	39	130.5
IGX043629	693016	5354633	0.4	152	1.2	14.6	77	98
IGX043631	693016	5354628	0.1	221	3.6	19.6	152	41.9
IGX043632	693016	5354628	0.05	45	390	5.2	41	5.1
IGX043633	693015	5354627	0.1	58	114.5	5.1	49	16.6
IGX043634	693015	5354627	0.4	176	8.6	14.6	112	57.1
IGX043635	693015	5354627	0.2	92	6.8	7.5	56	35.1
IGX043636	693014	5354626	0.2	91	140	6.6	62	33.4
IGX043637	693014	5354632	0.3	182	1.2	16.2	97	82.3
IGX043638	693014	5354632	0.2	216	2	16.1	122	71.4
IGX043639	693013	5354631	0.4	74	1	8.2	55	113
IGX043641	693013	5354631	0.4	76	0.8	8	72	115
IGX043642	693013	5354630	0.4	65	1	8.5	58	110
IGX043643	693013	5354630	0.1	11	215	9	10	17.4
IGX043644	693012	5354629	0.1	25	560	2.8	22	8.4
IGX043645	693013	5354631	0.2	41	449	11	77	50.8
IGX043646	693012	5354631	0.05	12	1540	8.6	12	3.1
IGX043647	693012	5354631	0.05	5	155.5	1.1	11	1.7
IGX043648	693012	5354631	0.1	67	720	6.4	53	20.1
IGX043649	693014	5354633	0.2	254	2.8	21.4	115	71.8
IGX043651	693011	5354633	0.1	280	2.6	24.5	176	40.4
IGX043652	693011	5354632	0.2	194	2	21.8	132	49
IGX043653	693011	5354632	0.05	12	420	12.9	9	2.8
IGX043654	693010	5354632	0.05	14	42.6	1.7	16	2.6
IGX043655	693010	5354632	0.1	39	42.5	4.1	30	8.7

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043656	693009	5354632	0.4	237	1.8	20	82	77.5
IGX043657	693009	5354631	0.4	247	1.5	20.7	84	77.2
IGX043658	693008	5354631	0.5	288	1.9	22.8	92	101.5
IGX043659	693008	5354630	0.6	291	1.8	24.8	88	95.7
IGX043661	693008	5354630	0.6	293	1.7	25.6	92	104.5
IGX043662	693007	5354630	0.7	341	2.1	25.2	114	114.5
IGX043663	693007	5354629	0.7	327	1.8	26.7	103	107
IGX043664	693006	5354630	0.7	189	3.3	36.2	78	142.5
IGX043665	693004	5354633	0.3	206	4.6	50.3	91	145.5
IGX043666	693004	5354632	0.2	166	4.1	47.7	85	141.5
IGX043667	693012	5354637	0.9	57	2.1	14.6	44	106.5
IGX043668	693012	5354637	1.1	61	2.1	16.5	49	56.3
IGX043669	693011	5354637	4.1	80	1.9	29.5	63	101
IGX043671	693011	5354636	2.7	76	1.6	25.2	50	120.5
IGX043672	693011	5354636	0.7	89	1.9	14	70	93
IGX043673	693010	5354636	0.5	66	11.8	7.8	49	80.2
IGX043674	693009	5354636	0.5	66	3.6	7.3	49	86.4
IGX043675	693009	5354636	0.4	82	1.8	7.2	54	86.2
IGX043676	693009	5354635	0.2	266	2.4	25.2	139	56.3
IGX043677	693008	5354635	0.2	286	2.2	24.8	163	54.7
IGX043678	693007	5354635	0.1	24	108	6.9	18	7.7
IGX043679	693007	5354635	0.1	56	16.3	4.1	47	19.2
IGX043681	693011	5354636	0.4	106	3.1	10.6	59	86.1
IGX043682	693011	5354636	0.4	66	5.7	7	52	84.2
IGX043683	693011	5354637	1.3	77	2.2	19.7	62	120
IGX043684	693011	5354637	2.9	64	3.9	23.7	47	176
IGX043685	693011	5354638	1.8	178	3.3	28.7	129	101.5
IGX043686	693010	5354638	0.1	283	2.7	21.9	235	53.9
IGX043687	693016	5354638	0.7	117	4.3	11.4	63	99.3
IGX043688	693016	5354638	3	87	3	27.8	54	317
IGX043689	693016	5354639	1.2	180	4.4	19.9	113	135.5
IGX043691	693017	5354643	0.1	272	4.9	12.6	118	47.4
IGX043692	693017	5354644	0.1	288	5.6	8.8	120	57.2
IGX043693	693016	5354644	0.1	268	14	8.4	119	53.7
IGX043694	693016	5354645	0.1	281	11.9	11.4	139	53.3
IGX043695	693016	5354645	0.1	257	18.5	12.7	183	48.7
IGX043696	693016	5354646	0.1	290	4.1	12.5	316	58.8

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043697	693014	5354647	0.1	408	5.9	29.8	279	79
IGX043698	693014	5354647	0.1	372	4.6	28.4	249	77.3
IGX043699	693014	5354646	0.1	393	5.9	34	312	81.4
IGX043701	693014	5354646	0.1	398	4.4	27.5	297	77.2
IGX043702	693013	5354646	0.1	388	6.9	26.2	293	80.1
IGX043703	693013	5354645	0.1	247	10	21.9	178	54.8
IGX043704	693012	5354645	0.1	278	15.1	16.9	145	58.2
IGX043705	693012	5354644	0.1	310	9.4	17.7	149	68.4
IGX043706	693012	5354643	0.1	286	9.4	19.6	139	60.4
IGX043707	693011	5354643	0.1	294	10.5	22.3	130	59.6
IGX043708	693010	5354642	0.1	282	4.8	21.3	145	47
IGX043709	693010	5354642	0.1	245	4.5	17.8	140	38.7
IGX043711	693009	5354641	0.1	260	2.2	22.5	171	42.9
IGX043712	693009	5354640	0.1	247	1.5	21.3	166	32.8
IGX043713	693008	5354640	0.1	270	2.8	19.5	177	33
IGX043714	693008	5354639	0.1	262	1.8	21.6	177	39.8
IGX043715	693007	5354638	0.1	251	1.7	22.6	160	41.3
IGX043716	693007	5354638	0.1	266	1.9	22.5	168	44.2
IGX043717	693007	5354637	1.6	128	2.4	21.6	64	110.5
IGX043718	693006	5354636	0.2	53	8.4	7.5	31	19.2
IGX043719	693005	5354636	0.5	268	1.6	21	99	86.8
IGX043721	693005	5354635	0.6	283	1.6	24	92	91.6
IGX043722	693003	5354634	0.2	174	2.7	38	77	94.6
IGX043723	693005	5354638	0.8	131	9.6	17.7	75	65.7
IGX043724	693005	5354638	0.1	25	9.7	8.3	15	9
IGX043725	693006	5354644	0.1	322	2.9	31.1	249	64.5
IGX043726	693005	5354644	0.1	380	3.1	34	220	73.1
IGX043727	693005	5354643	0.1	334	2.5	30.7	166	69.8
IGX043728	693005	5354642	0.1	373	9	35.4	145	79.3
IGX043729	693005	5354642	0.1	201	3.3	19.4	111	47.6
IGX043731	693005	5354641	0.1	274	5.8	19.5	95	61.5
IGX043732	693005	5354640	0.1	246	2.4	21.9	134	48.4
IGX043733	693005	5354640	0.1	233	2	21.1	135	42.7
IGX043734	693003	5354640	0.1	41	39.5	18.6	22	11
IGX043735	693003	5354640	0.1	23	11.8	2.9	12	8.1
IGX043736	693003	5354646	0.1	344	1.5	32.6	224	46.8
IGX043737	693001	5354643	0.1	379	2.6	35.1	151	65.2

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043738	693001	5354643	0.1	265	2.2	26.3	110	70.1
IGX043739	693000	5354643	0.1	67	3.4	9.7	30	22.2
IGX043741	693000	5354642	0.1	21	5.4	2.7	12	8.1
IGX043742	692999	5354645	0.1	31	208	5.9	17	9.6
IGX043743	692998	5354644	0.2	84	120.5	7.9	50	27.5
IGX043744	693005	5354634	0.6	276	1.8	25	96	120.5
IGX043745	693005	5354634	0.7	323	2.2	28.1	102	105.5
IGX043746	693004	5354634	0.6	300	1.8	24.4	108	86.8
IGX043747	693005	5354650	0.1	171	0.2	11.8	80	8.6
IGX043748	693003	5354652	0.1	330	0.5	28.9	178	38.5
IGX043749	693002	5354652	0.1	422	0.7	37.4	184	51.5
IGX043751	693002	5354652	0.1	259	0.3	18.2	143	12.4
IGX043752	693001	5354649	0.1	276	0.3	21	166	16.6
IGX043753	693000	5354649	0.1	246	0.3	17.3	164	16
IGX043754	693000	5354648	0.1	246	0.3	16.3	181	13.4
IGX043755	693000	5354648	0.1	277	0.6	18.2	271	12.2
IGX043756	692999	5354647	0.1	389	1.1	25.6	307	17.6
IGX043757	692999	5354647	0.1	334	1.2	22.6	281	12.2
IGX043758	692999	5354647	0.1	392	1.9	25.6	213	31.1
IGX043759	692998	5354646	0.1	342	1.7	31.1	205	43.7
IGX043761	692998	5354646	0.2	252	1.5	21.3	129	37.3
IGX043762	692997	5354645	0.1	35	460	5.8	18	10.6
IGX043763	692997	5354643	0.4	220	1.3	18.2	76	73.9
IGX043764	692996	5354643	0.5	284	2.2	22.7	93	87.3
IGX043765	692996	5354642	0.1	291	1.7	25	116	25.5
IGX043766	692995	5354641	0.1	261	1.1	22.9	126	13.9
IGX043767	692995	5354640	0.1	201	0.6	17.8	104	11.6
IGX043768	692996	5354648	0.1	249	0.8	16.8	254	17.1
IGX043769	692996	5354648	0.1	318	1.9	27.6	203	39.6
IGX043771	692996	5354647	0.2	119	34.3	9.8	86	32.3
IGX043772	692995	5354647	0.2	119	13.6	9.7	101	37.8
IGX043773	692994	5354652	0.1	389	1.4	35.1	313	41.2
IGX043774	692993	5354652	0.1	362	1.5	33.2	279	43.1
IGX043775	692993	5354651	0.1	348	1.4	30.7	284	33.2
IGX043776	692993	5354650	0.1	310	2.1	29.7	249	41.9
IGX043777	692992	5354650	0.2	99	17.9	9.4	86	31.1
IGX043778	693002	5354656	0.1	289	0.9	23.6	248	34.2

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043779	693002	5354656	0.3	179	1	12.3	3020	70.4
IGX043781	693001	5354657	0.2	82	1	7.3	3030	56.8
IGX043782	693001	5354657	0.1	280	1.9	16.2	734	63.4
IGX043783	693000	5354658	0.2	187	1.7	13.4	423	54.4
IGX043784	692996	5354655	0.1	328	1.9	26.3	303	56.7
IGX043785	692996	5354655	0.3	164	2.1	17.4	874	76.8
IGX043786	692996	5354656	0.1	250	2.3	20.4	291	54.9
IGX043787	692996	5354659	0.1	294	3.7	24.7	192	67.5
IGX043788	692996	5354658	0.1	222	3.8	18.7	134	44.2
IGX043789	692995	5354657	0.1	406	3.4	28.8	230	70.1
IGX043791	692995	5354657	0.1	280	3.8	24.6	177	51.2
IGX043792	692994	5354656	0.1	289	3.2	24.2	202	49.3
IGX043793	692994	5354656	0.1	295	4.5	27.4	252	69.4
IGX043794	692994	5354655	0.2	186	2.6	18.6	270	60.8
IGX043795	692993	5354655	0.1	368	2.1	33.9	344	40.9
IGX043796	692993	5354655	0.2	269	2.6	24.2	1440	60.4
IGX043797	692992	5354655	0.1	215	1.2	20.2	333	49
IGX043798	692992	5354656	0.1	235	1.3	22.5	251	49.2
IGX043799	692989	5354665	0.1	255	0.7	20.9	147	24.5
IGX043801	692989	5354664	0.1	233	0.7	23.1	130	32.8
IGX043802	692988	5354664	0.1	251	0.6	24.6	134	32
IGX043803	692988	5354663	0.1	222	0.6	19.3	119	27.4
IGX043804	692987	5354663	0.1	223	0.9	20.1	119	38.5
IGX043805	692987	5354662	0.1	255	0.8	21.8	140	31.5
IGX043806	692987	5354662	0.1	264	0.9	23	148	29.7
IGX043807	692986	5354661	0.1	253	1.6	22.3	152	31.6
IGX043808	692986	5354661	0.1	231	2.7	20.1	158	27.8
IGX043809	692985	5354660	0.1	239	1	21	176	31.7
IGX043811	692987	5354657	0.1	272	1.7	24.3	189	39.5
IGX043812	692986	5354657	0.1	274	2	24.2	181	42.4
IGX043813	692985	5354655	0.6	258	1.4	31.4	82	89
IGX043814	692984	5354655	0.5	249	1.3	22.5	84	86.4
IGX043815	692984	5354654	0.6	268	2.4	33.8	75	97.7
IGX043816	692984	5354654	0.4	297	2.1	34.7	97	68.6
IGX043817	692983	5354653	0.1	264	1.5	22.7	97	27
IGX043818	692983	5354653	0.1	222	1.1	18.3	82	21.1
IGX043819	692983	5354652	0.1	231	1.7	19.4	85	22.9

Sample ID	Easting (m)	Northing (m)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
IGX043821	692983	5354651	0.1	268	2.2	22.3	90	21.6
IGX043822	692982	5354651	0.1	309	2.3	25.4	98	19.3
IGX043823	692982	5354650	0.1	271	1.5	23.6	89	20.9
IGX043824	693021	5354627	0.1	295	1	25.2	155	42.4
IGX043825	693021	5354627	0.1	312	1.1	24.3	166	43.5
IGX043826	693021	5354626	0.1	318	1.6	27.7	172	32.7
IGX043827	693020	5354626	0.1	277	11.5	24.4	162	24.8
IGX043828	693020	5354625	0.1	153	116	15.7	99	19.2

Appendix E: Sulphur isotope ($\delta^{34}S$) data

$\delta^{34}S$ isotope analytical results from separated pyrite grains from field samples. Analysis performed at the Environmental Isotope Laboratory at the University of Waterloo via the methods outlined in Chapter 3.3.

			Peak Area (E-8)S		TOTAL (%S)		$\delta^{34}S$ VCDT ± 0.3‰	
Sample ID	IGX Tag Number	Weight (mg)	Result	Repeat	Result	Repeat	Result	Repeat
22ZA050	IGX047987	0.089	9.95	10.57	35.22	37.55	1.83	2.12
22ZA053	IGX047990	0.304	4.49		4.66		0.35	
22ZA076	IGX005170	0.099	5.40	3.48	12.33	11.06	5.18	5.18
22ZA088	IGX005183	0.529	3.53	6.40	2.10	1.91	1.45	1.39
22ZA096	IGX005193	0.574	2.33	3.50	2.62	1.89	1.36	1.77
22ZA097	IGX005194	3.254	7.93	8.85	0.76	0.93	1.36	1.90
22ZA061	IGX047998	0.096	9.67	8.78	31.74	28.06	0.36	0.07
22ZA1013-01		0.525	3.72	8.59	5.12	5.07	1.54	1.74
22ZA1013-02		0.744	3.00	8.02	2.55	3.34	1.36	1.85
22ZA1013-04		0.717	3.91	6.10	3.10	2.64	1.33	1.39