TECHNICAL REPORT

2010/2011 DRILLING AND EXPLORATION PROGRAM
MISEHKOW RIVER PROPERTY

Patricia Mining Division, Ontario, Canada

NTS 52P/04E Centred at:
Latitude 51°08'00" North, Longitude 89°38'00" West
UTM NAD 83, Zone 16, 314900 mE, 5669500 mN

Prepared For:

Jiminex Inc.
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December 16, 2011

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1 Summary

The Misehkow River Property is located in the Patricia Mining District, Ontario, Canada, approximately 500 kilometres (313 miles) northwest of Thunder Bay, Ontario and 50 kilometres (31 miles) southeast of Pickle Lake, Ontario. The area is covered by National Topographic System (NTS) map sheet 52P/04E. The centre of the property has approximate geographic coordinates of 51°08'00"N, 89°38'00"W (UTM NAD83 Zone 16N 314900mE, 5669500mN).

The Misehkow River Property consists of 30 unpatented mining claims, comprised of 258 units covering 4,177 hectares. The claims are 100% controlled by Jiminex.

The claim group is located within the Uchi Subprovince of the North Caribou terrane, the largest Mesoarchean domain in the Archean Superior Province. The Property is locally situated in the southeastern portion of the Pickle Lake greenstone belt, in the Pickle Crow Assemblage. The Pickle Lake greenstone belt (PLGB) is a 70 kilometre long belt of Archean supracrustal rocks, metamorphosed to greenschist and amphibolite facies. The property is underlain by the Pickle Crow Assemblage which is characterized by subaqueous basalt flows, dacite and rhyolitic pyroclastic rocks, quartz-feldspar porphyry, iron formation and graphitic schist.

The property has seen extensive historical exploration consisting of geological mapping, prospecting, airborne, ground magnetic and electromagnetic surveys, soil sampling and diamond drilling. Early work on the property was focused on iron ore exploration conducted by Sturdy Mines Limited and Algoma Steel Corporation. In the 1980's, geological, geophysical and geochemical work was undertaken by Ontario Gold Joint Venture ("OJIV") leading to a 12-hole drill program consisting of 2,235.4 metres in 1988. The best OJIV drill assay result was 12.5 g/t Au over 0.7m and the best grade/width result was 3.84 g/t Au over 6.2m (Ho, 1989). They delineated portions of a wide alteration zone and found gold mineralization associated with the intersection of the iron formation and this alteration zone (Ho, 1988). Similarly, geological, geophysical and geochemical work conducted by Utah Mines Ltd. during the late 1980's resulted in a drill program in 1990. This program by Utah Mines Ltd. included 8 drill holes totaling 1,189.3 metres, where drill core results yielded slightly anomalous Au values ranging up to 44 ppb Au (Waldie, 1991).

Jiminex Inc. acquired the Misehkow River property in 2007 and commenced work in 2010 with prospecting and geophysical surveys on the property. A VTEM EM and magnetic survey was conducted in 2009-2010. The survey was conducted by Geotech Ltd. and the data was independently analyzed and interpreted by Condor Consulting for Jiminex in May 2010.

Geotech calculated vertical magnetic derivatives and interpreted tectonic disruptions and two target zones. Condor did a complete assessment of the EM and magnetic data including modeling of the EM results, as well as plate and voxel modeling of the magnetic data. Historic drilling and surface assays along with property geology were examined in their assessment. Based on their assessment, five high priority targets were outlined out of the 30 target zones. These targets were prioritized based on local geology, geological structures, geophysical signatures, historic drill holes and anomalous gold assays. Condor designed drill holes to test these geophysical targets.

A 9-hole drill program was undertaken in April 2011, with eight holes targeting geophysical targets and one hole targeting historic IF-hosted gold mineralization totaling 2,869.08 metres. Drilling was conducted by Cartwright Drilling and the drill program was supervised by James Parres and Adewara Odewande. Core logging was completed later in August 2011 by Fladgate Exploration staff Maura Kolb, MSc., and Robert Scott. A new gold zone was discovered consisting of gold-bearing quartz veins hosted in metasediments just below the contact with a chlorite schist unit. The best weighted average assay result of 18.3 g/t over 2.39m gold was obtained within this zone from hole MIS-11-03.

Hole MIS-11-03 intersected several high grade intervals just below the contact between the chlorite schist and the metasedimentary unit. Holes MIS-11-07 and MIS-11-08 were targeting the same mineralization, but these holes did not reach the metasedimentary unit. It appears that these holes were stopped short of the target.

Mapping done in the summer of 2011 showed the majority of the quartz veins on the Misehkow River Property are oriented parallel to the foliation which strikes roughly east-west and dips steeply to the north. Because the gold mineralization in hole MIS-11-03 is hosted in quartz veins, it is assumed by the author (Maura Kolb) that the mineralized zone will follow a similar trend.

If the assumption about the mineralized zone following the same trend as the veins and foliation is true, hole MIS-11-06 should have intersected the mineralized zone, however no significant gold mineralization was intersected. Hole MIS-11-06 was drilled from the same collar location as MIS-11-03 with a steeper dip. The gold zone in hole MIS-11-03 is hosted in a zone with several small quartz veins and slightly increased pyrite mineralization. Areas with similar veining and mineralization were sampled in hole MIS-11-06 but results showed only slightly elevated gold values. It is possible that the gold mineralization may be nugget-like hosted in anastomosing veins or the ore shoots may have been missed.

The results from the 2010/2011 exploration program have been encouraging. Additional mapping, prospecting should be done to expand the vein-hosted and iron formation-hosted gold potential on the property. Further drilling is also recommended to follow up and define the newly discovered mineralization around MIS-11-03 as well as testing the other targets outlined by Condor.

2 Introduction

2.1 Introduction

Fladgate Exploration Consulting Company (“Fladgate”) was engaged by Jiminex Inc. (“Jiminex”) to complete a mapping/sampling program and complete drill core logging at their Misehkow River Property (the “Property”). Fladgate employees Maura Kolb, M.Sc. and Robert Scott were assigned to complete this work based out of the Jiminex field camp located on the Misehkow River.

This report includes all exploration activities conducted by Jiminex and Fladgate as of May, 2011.

The primary author, Maura Kolb, MSc., and co-author Avery Henderson, HBSc., completed all sections and reviewed previous reports, data and all relevant information that was judged adequate pertaining to the Misehkow River Property.

This report is intended for use by Jiminex to file for assessment purposes with the Ministry of Northern Development and Mines ("MNDM"), and is non-compliant with 43-101 regulations.

2.2 Terms of Reference and Units

The Metric System or SI System is the primary system of measure and length used in this report and is generally expressed in kilometres, metres and centimetres; volume is expressed as cubic metres, mass expressed as metric tonnes, area as hectares, and zinc, copper and lead grades as percent or parts per million. The precious metal grades are generally expressed as grams/tonne but may also be in parts per billion or parts per million. Conversions from the SI or Metric System to the Imperial System are provided below and quoted where practical. Many of the geologic publications and more recent work assessment files now use the SI system but older work assessment files almost exclusively refer to the Imperial System. Metals and minerals acronyms in this report conform to mineral industry accepted usage and the reader is directed to an online source at www.maden.hacettepe.edu.tr/dmmrt/index.html.

Table 1 – Glossary of Terms

Term	Meaning	Term	Meaning
AEM	Airborne Electromagnetic	Na	Sodium
Ag	Silver	Na_2O	sodium oxide
Al	Aluminum	NAD 83	North American Datum of 1983
Al_2O_3	aluminum oxide	NE	Northeast
AW	apparent width	NI	National Instrument
As	Arsenic	Ni	Nickel
Au	Gold	NSR	net smelter return
Ba	Barium	NTS	National Topographic System
Be	Beryllium	OGS	Ontario Geological Survey
Bi	Bismuth	P	Phosphorous
C	Carbon	P_2O_5	phosphorous oxide
Ca	Calcium	Pb	Lead
CaO	calcium oxide	Pd	Palladium
Cd	Cadmium	pH	Acidity
Co	Cobalt	Pt	Platinum
CO_2	carbon dioxide	QA/QC	Quality Assurance/Quality Control
Cr	Chromium	S	South
Cr_2O_3	chromium oxide	S	Sulphur
Cu	Copper	Sb	Antimony
DDH	diamond drill hole	SE	Southeast
DW	drilled width	Se	Selenium
E	East	SiO_2	silicon oxide
EM	electromagnetic	Sn	Tin

Term	Meaning	Term	Meaning
Fe	Iron	SO_2	sulphur dioxide
Fe_2O_3	iron oxide (ferric oxide-hematite)	Sr	Strontium
Fe_3O_4	iron oxide (ferrous oxide-magnetite)	Sum	Summation
HLEM	horizontal loop electromagnetic	SW	Southwest
H_2O	hydrogen oxide (water)	Ti	Titanium
IP	induced polarization	TiO_2	titanium dioxide
K	Potassium	Tl	Thallium
K_2O	potassium oxide	TW	true width
Li	Lithium	U	Uranium
LOI	loss on ignition (total H_2O, CO_2 and SO_2 content)	U_3O_8	uranium oxide (yellowcake)
Mg	Magnesium	UTM	Universal Transverse Mercator
MgO	magnesium oxide	V	Vanadium
Mn	Manganese	V_2O_5	vanadium oxide
MNDM	Ministry of Northern Development, Mines and Forestry	VLF	very low frequency
MnO	manganese oxide	VLF-EM	very low frequency-electromagnetic
Mo	Molybdenum	W	West
Mt	millions of tonnes	Y	Yttrium
N	North	Zn	Zinc
NW	northwest		

Table 2 – Units of Measure

Units of Measure	Abbreviation	Units of Measure	Abbreviation
Above mean sea level	amsl	Litres per minute	L/m
Ampere	A	Megabytes per second	Mb/s
Annum (year)	a	Megapascal	MPa
Billion years ago	Ga	Megavolt-ampere	MVA
British thermal unit	Btu	Megawatt	MW
Candela	cd	Metre	m
Carat	ct	Metres above sea level	masl
Carats per hundred tonnes	cpht	Metres per minute	m/min
Carats per tonne	cpt	Metres per second	m/s
Centimetre	cm	Metric ton (tonne)	t
Cubic centimetre	cm^3	Micrometre (micron)	µm
Cubic feet per second	ft^3/s or cfs	Microsiemens (electrical)	µs
Cubic foot	ft^3	Miles per hour	mph
Cubic inch	in^3	Milliamperes	mA
Cubic metre	m^3	Milligram	mg
Cubic yard	yd^3	Milligrams per litre	mg/L
Day	d	Millilitre	mL
Days per week	d/wk	Millimetre	mm
Days per year (annum)	d/a	Million	M

Units of Measure	Abbreviation	Units of Measure	Abbreviation
Dead weight tonnes	DWT	Million tonnes	Mt
Decibel adjusted	dBa	Minute (plane angle)	'
Decibel	dB	Minute (time)	min
Degree	°	Month	mo
Degrees Celcius	°C	Newton	N
Degrees Fahrenheit	°F	Newtons per metre	N/m
Diameter	ø	Ohm (electrical)	Ω
Dry metric ton	dmt	Ounce	Oz
Foot	ft	Ounce per tonne	oz/t
Gallon	gal	Parts per billion	ppb
Gallons per minute (US)	gpm	Parts per million	ppm
Gigajoule	GJ	Pascal	Pa
Gram	g	Pascals per second	Pa/s
Grams per litre	g/L	Percent	%
Grams per tonne	g/t	Percent moisture (relative humidity)	% RH
Greater than	>	Phase (electrical)	Ph
Hectare (10,000 m2)	ha	Pound(s)	lb
Hertz	Hz	Pounds per square inch	psi
Litre	L	Horsepower	hp
Hour	h (not hr)	Quart	qt
Hours per day	h/d	Revolutions per minute	rpm
Hours per week	h/wk	Second (plane angle)	"
Hours per year	h/a	Second (time)	s
Inch	"(symbol, not ”)	Short ton (2,000 lb)	st
Joule	J	Short ton (US)	t
Joules per kilowatt-hour	J/kWh	Short tons per day (US)	tpd
Kelvin	K	Short tons per hour (US)	tph
Kilo (thousand)	k	Short tons per year (US)	tpy
Kilocalorie	kcal	Specific gravity	SG
Kilogram	kg	Square centimetre	cm^2
Kilograms per cubic metre	kg/m^3	Square foot	ft^2
Kilograms per hour	kg/h	Square inch	in^2
Kilograms per square metre	kg/m^2	Square kilometre	km^2
Kilojoule	kJ	Square metre	m^2
Kilometre	km	Thousand tonnes	kt
Kilometres per hour	km/h	Tonne (1,000kg)	t
Kilonewton	kN	Tonnes per day	t/d
Kilopascal	kPa	Tonnes per hour	t/h
Kilovolt	kV	Tonnes per year	t/a
Kilovolt-ampere	kVA	Total dissolved solids	TDS
Kilovolts	kV	Total suspended solids	TSS
Kilowatt	kW	Volt	V

Units of Measure	Abbreviation	Units of Measure	Abbreviation
Kilowatt hour	kWh	Week	wk
Kilowatt hours per short ton (US)	kWh/st	Weight/weight	w/w
Kilowatt hours per tonne (metric ton)	kWh/t	Wet metric ton	wmt
Kilowatt hours per year	kWh/a	Yard	yd
Kilowatts adjusted for motor efficiency	kWe	Year (annum)	a
Less than	<	Year	yr

The term gram/tonne or g/t is expressed as “gram per tonne” where 1 gram/tonne = 1 ppm (part per million) = 1000 ppb (part per billion). Other abbreviations include ppb = parts per billion; ppm = parts per million; oz/t = ounce per short ton; Moz = million ounces; Mt = million tonne; t = tonne (1000 kilograms); SG = specific gravity; lb/t = pound/ton; and, st = short ton (2000 pounds).

Dollars are expressed in Canadian currency (CAD$) unless otherwise noted. Base and certain industrial metal and mineral prices are stated as US$ per tonne (US$/t), precious metal prices are stated in US$ per troy ounce (US$/oz) and Uranium and certain industrial metal and mineral prices are stated in US$ per pound (US$/lb).

Unless otherwise noted, Universal Transverse Mercator (“UTM”) coordinates are provided in the datum of NAD 83, Zone 15 North.

Table 3 – Common Conversion Factors

To Convert From	To	Multiply By
Feet	Metres	0.3048
Metres	Feet	3.2808
Miles	Kilometres	1.6093
Kilometres	Miles	0.6214
Acres	Hectares	0.4047
Hectares	Acres	2.4711
Grams	Ounce (troy)	0.03215
Ounce (troy)	Grams	31.1035
Tonnes	Short tons	1.10231
Short tons	Tonnes	0.90718
Long tons	Kilograms	1016.046
Tonnes	Long tons	0.98421
Long tons	Tonnes	1.016046
Grams per tonne	Ounces (troy) per ton	0.02917
Ounces (troy) per ton	Grams per tonne	34.2857

2.3 Fladgate Qualifications

Fladgate Exploration Consulting Corporation is an international consulting company based in Thunder Bay, Ontario, Canada. Fladgate provides a wide range of geological and exploration services to the mineral and energy industries. With offices in Canada (Thunder Bay, Ontario) and South America (Vallenar, Chile), Fladgate is well positioned to service its client base.

Fladgate's mandate is to provide professional geological and exploration services to the mineral and energy industries at competitive rates and without compromise. Fladgate's professionals have international experience in a variety of disciplines with services that include:

- Exploration Project Generation, Design, Implementation and Management
- Data Compilation and Exploration Target Generation
- Property Evaluation and Due Diligence Studies
- Independent, NI 43-101 Compliant, Technical Reports
- Mineral Resource Modeling and Estimation
- 3D Geological Modeling and Database Management

3 Reliance on Other Experts

Fladgate has reviewed and analyzed exploration and historical data for the Misehkow River Property provided by Jiminex, its consultants and previous explorers of the area, and has drawn its own conclusions there from, augmented by its direct field examination. While exercising all reasonable diligence in checking, confirming and testing it, Fladgate has relied upon Jiminex presentation of the project data from previous and recently completed exploration programs. Fladgate has not carried out any independent exploration work, drilled any holes or carried out any significant program of confirmatory sampling and assaying. However, mineralization style is visible at surface and/or in the drill core and was observed by Fladgate. While exercising all reasonable diligence in checking, confirming and testing it, Fladgate has relied upon the data presented by Jiminex, and any previous operators of the project, in formulating its opinion.

The various agreements under which Jiminex holds title to the mineral lands for this project have not been thoroughly investigated or confirmed by Fladgate and Fladgate offers no opinion as to the validity of the mineral title claimed. The description of the property has been presented here for general information purposes only. Fladgate is not qualified to provide professional opinion on issues related to mining and exploration title and land tenure, royalties, permitting and legal and environmental matters.

The conclusions and recommendations in this report reflect the author’s best judgment in light of the information available at the time of writing. The author and Fladgate reserve the right, but will not be obliged, to revise this report and conclusions if additional information becomes known to them subsequent to the date of this report. Use of this report acknowledges acceptance of the foregoing conditions.

This report is intended to be used by Jiminex subject to the terms and conditions of its agreement with Fladgate. Except for the purposes legislated under provincial securities laws, any other use of this report, by any third party, is at that party's sole risk.

4 Property Description and Location

4.1 Property Location

The Misehkow River property is located in the Patricia Mining Division, northwestern Ontario, Canada, approximately 500 km north of Thunder Bay and 50 km southeast of the town of Pickle Lake, Ontario (Figure 1). It comprises 30 contiguous unpatented claims consisting of 319 claim units with an aggregate area of 5,104 hectares and is situated in the Achapi Lake, Atikokiwam Lake and Heather Lake areas (Table 4, Figure 2). These claims are 100% owned by Jiminex, subject to a varying 1 to 2% net smelter return royalty to the vendors. Continued ownership of the claims is dependent on meeting the work requirements as set forth by the Mines and Minerals Act of Ontario and its accompanying Regulations.

The area is covered by National Topographic System (NTS) map sheet 52P/04E. The centre of the property has approximate geographic coordinates of 51°08'00"N, 89°38'00"W, UTM NAD 83, Zone 16N, 314900mE, 5669500mN (Figure 2).

4.2 Ontario Mineral Policy

In Ontario, the ownership of surface rights and mining rights can vary from one property to another, particularly in regions where settlement and industry have a long history. The Canada Constitution Act, 1867 gave the then existing provinces, including Ontario, ownership of the public property in their boundaries (i.e. to the provincial Crown), which then issued grants of land known as "Crown Patents". In 1913, the province of Ontario amended its Public Lands Act so that any title granted by the Crown before the amendment was deemed to include mining rights ownership. Any parcels of land granted by the Crown after May 6, 1913, may or may not include the mining rights depending on how the title is worded. Ontario's current Public Lands Act authorizes the Minister of Natural Resources to sell or lease land. Today, the province's policy is to reserve mining rights to the Crown in the majority of land grants (MNDM website http://www.mndm.gov.on.ca).

At the time of writing the core portions of the long established mining areas in Ontario are dominated by long standing Patented Mining Claims which may or may not include other ownership titles such as surface and timber rights. On Crown lands, and private lands that do not include mining rights, mineral exploration rights may be acquired by claim staking.

A staked mining claim provides the owner the exclusive right to explore for minerals. Once a claim is staked, the owner must perform exploration work to maintain it in good standing. This is called assessment work. This work must amount to at least CAD$400 per claim unit (1 unit = 16 ha) per year and be reported to the Mining Lands Section of the MNDM. Assessment work is not required in

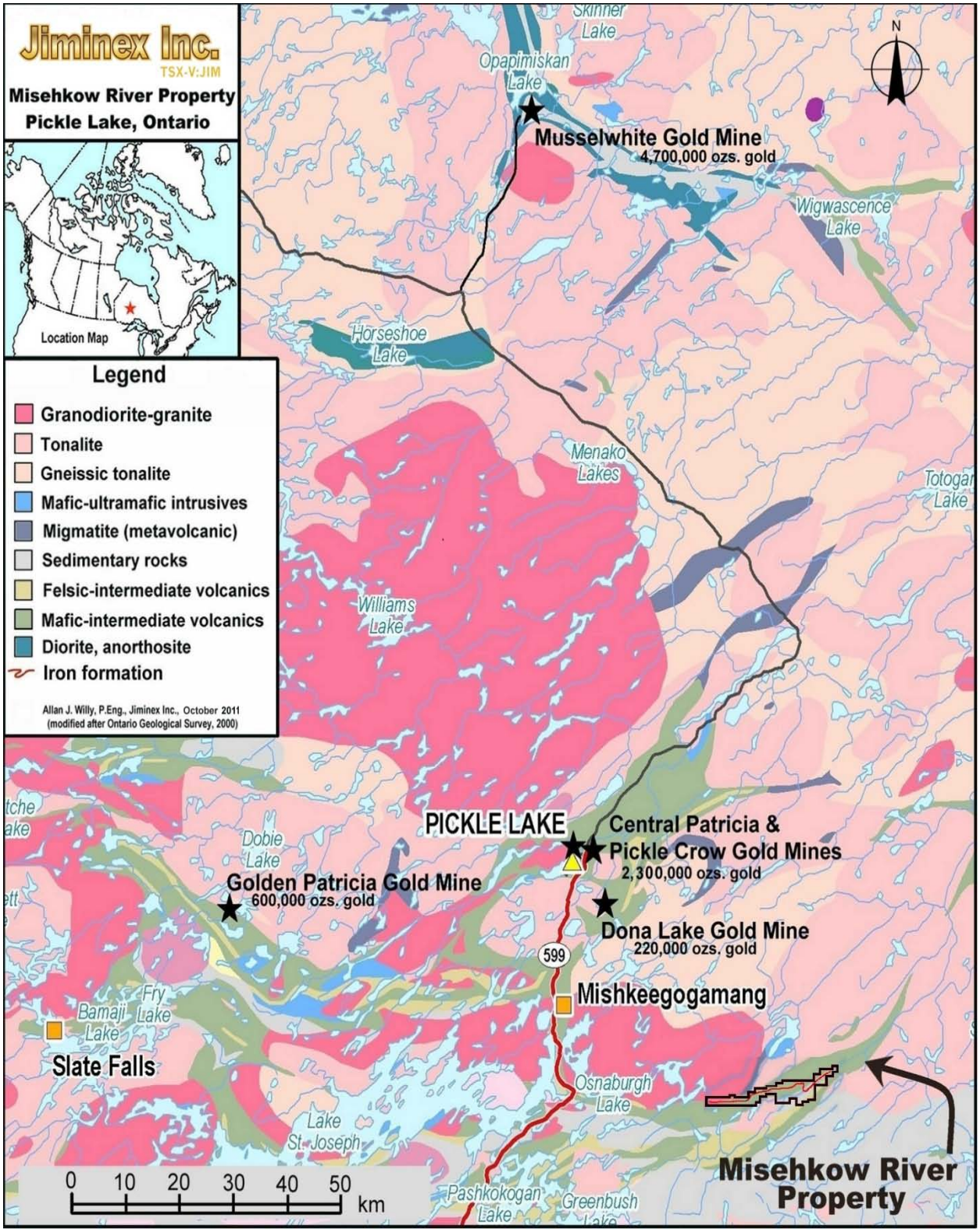

Figure 1 – Misehkow River general location and regional geology map.

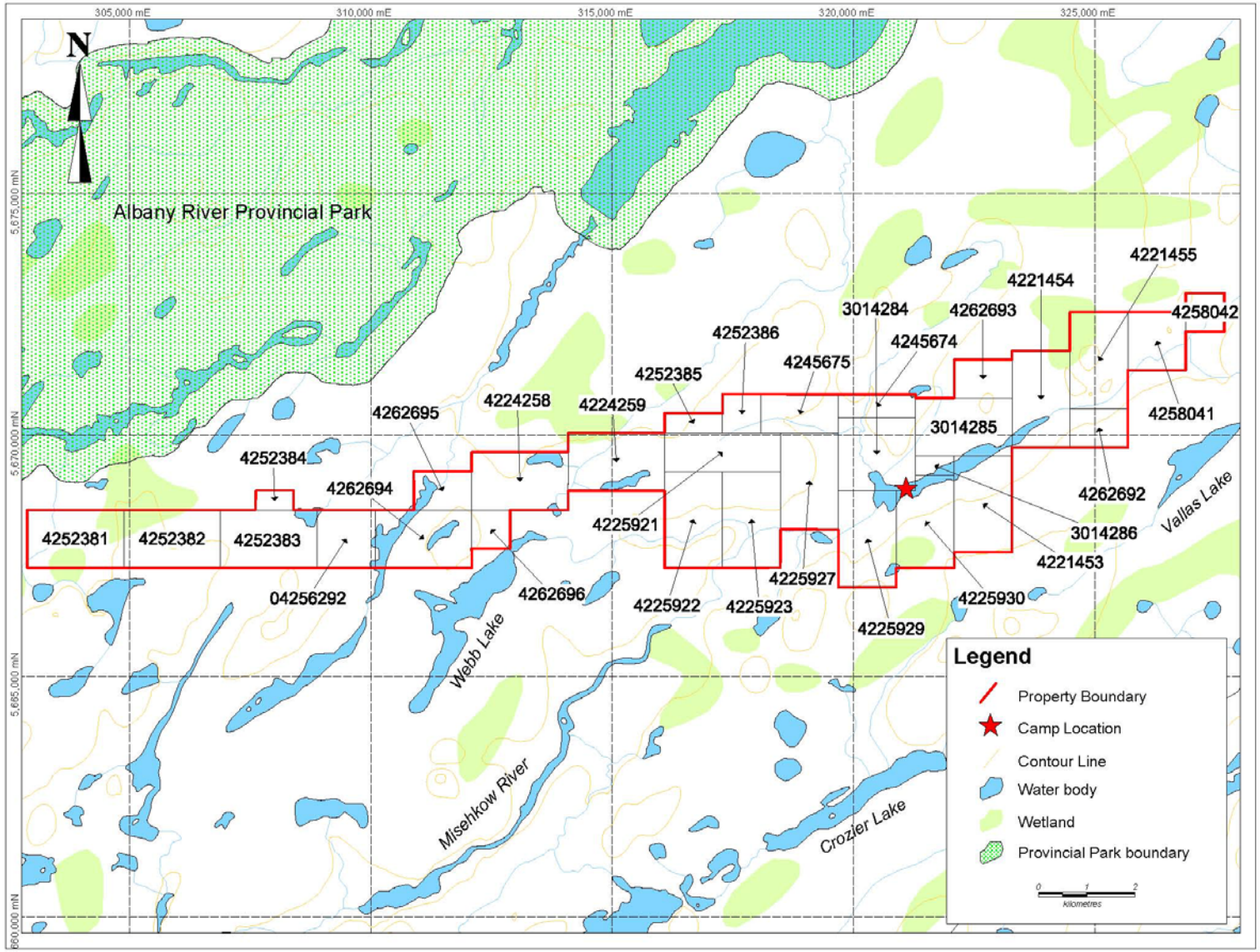

Figure 2 – Mishekow River Property Contiguous Land Tenure

Table 4 – Misehkow River Property Unpatented Mining Claims

Area	Claim Number	Number of Units	Date Recorded	Date Due	Owner	% Owned
Achapi Lake	4256292	9	2010-Aug-19	2012-Aug-19	Jiminex Inc.	100
Achapi Lake	3014284	16	2006-Feb-27	2012-Feb-27	Jiminex Inc.	100
Achapi Lake	3014285	15	2006-Feb-27	2012-Feb-27	Jiminex Inc.	100
Achapi Lake	3014286	2	2006-Feb-27	2012-Feb-27	Jiminex Inc.	100
Achapi Lake	4221453	15	2007-Dec-14	2012-Feb-27	Jiminex Inc.	100
Achapi Lake	4221454	15	2007-Dec-14	2012-Feb-27	Jiminex Inc.	100
Achapi Lake	4224258	15	2008-Jan-28	2012-Feb-27	Jiminex Inc.	100
Achapi Lake	4224259	15	2008-Jan-28	2012-Feb-27	Jiminex Inc.	100
Achapi Lake	4225921	12	2007-Dec-14	2012-Feb-27	Jiminex Inc.	100
Achapi Lake	4225922	15	2007-Dec-14	2012-Feb-27	Jiminex Inc.	100
Achapi Lake	4225923	15	2007-Dec-14	2012-Feb-27	Jiminex Inc.	100
Achapi Lake	4225927	15	2007-Dec-14	2012-Feb-27	Jiminex Inc.	100
Achapi Lake	4225929	15	2007-Dec-14	2012-Feb-27	Jiminex Inc.	100
Achapi Lake	4225930	14	2007-Dec-14	2012-Feb-27	Jiminex Inc.	100
Achapi Lake	4245674	4	2009-Aug-24	2012-Aug-24	Jiminex Inc.	100
Achapi Lake	4245675	8	2009-Aug-24	2012-Aug-24	Jiminex Inc.	100
Achapi Lake	4252383	15	2010-Apr-23	2012-Apr-23	Jiminex Inc.	100
Achapi Lake	4252384	2	2010-Apr-23	2012-Apr-23	Jiminex Inc.	100
Achapi Lake	4252385	3	2010-Apr-23	2012-Apr-23	Jiminex Inc.	100
Achapi Lake	4252386	4	2010-Apr-23	2012-Apr-23	Jiminex Inc.	100
Achapi Lake	4258041	9	2010-Aug-19	2012-Aug-19	Jiminex Inc.	100
Achapi Lake	4258042	4	2010-Aug-19	2012-Aug-19	Jiminex Inc.	100
Achapi Lake	4262693	6	2011-May-27	2013-May-27	Jiminex Inc.	100
Achapi Lake	4262694	15	2011-May-27	2013-May-27	Jiminex Inc.	100
Achapi Lake	4262695	6	2011-May-27	2013-May-27	Jiminex Inc.	100
Achapi Lake	4262696	4	2011-May-27	2013-May-27	Jiminex Inc.	100
Atikokiwam L.	4252381	15	2010-Apr-23	2012-Apr-23	Jiminex Inc.	100
Atikokiwam L.	4252382	15	2010-Apr-23	2012-Apr-23	Jiminex Inc.	100
Heather Lake	4221455	15	2007-Dec-14	2012-Dec-14	Jiminex Inc.	100
Heather Lake	4262692	6	2011-May-27	2013-May-27	Jiminex Inc.	100

the first year after recording a mining claim. Assessment work credits can be banked and used in future years. Under the MNDM system, each claim comes due on the anniversary of the date the claim was recorded. Claims are forfeited if the assessment work is not done. The mining rights affected by the forfeiture then return to the Crown and may be staked by another party.

Patented claims do not have assessment work expenditure or reporting requirements. These claims remain in good standing as long as applicable taxes are paid to the local municipality. The claim holder's right is only to explore for minerals on mining claims. Mining (i.e. extraction of the minerals)

cannot take place until the claims are brought to lease. Mining leases are issued for the express purpose of undertaking mineral exploration, development or mining. The claim holder is entitled to a lease upon fulfilling the requirements of the Mining Act.

Currently mining leases are issued for 21-year terms and may be renewed for further 21-year periods. In the past however, lease terms for as long as 99 years were common. Leases can be issued for surface and mining rights, mining rights only or surface rights only. Once issued, the lessee pays an annual rent to the province. Further, prior to a mine coming into production, the lessee must comply with all applicable federal and provincial legislation.

Mining Licenses of Occupation ("MLO") were granted for portions of patented mining claims that lie beneath a water body, and in rare occasions for the land portion of the patent. Once issued, the MLO owner pays annual rent to the province of $5/ha to maintain the MLO in perpetuity as they have no expiry date. In rare cases where the land and water portions of a patent are covered by an MLO they are no longer subject to annual property taxes and simply the annual rent of the MLO; in these cases if the MLO is not maintained in good standing the patented ground returns to the Crown. It should be noted that MLO's have been grandfathered into the new Mining Act and are no longer granted to mineral exploration companies in Ontario.

Ontario's Mining Act is the legislation which provides for acquiring land for mineral exploration and development. Ontario's MNDM administers the Mining Act, which sets out rules for all aspects of mineral exploration and development.

4.3 Mineral Land Tenure

As of December 16, 2011, the Misehkow River Property consists of 30 contiguous, unpatented mining claims comprised of 319 claim units covering 5,074 hectares (Figure 2, Table 3). The unpatented mining claims are recorded in the name of Jiminex Inc.

4.4 Environmental and Permitting

All phases of Misehkow River exploration activities are subject to environmental regulation in the jurisdictions in which it operates. These regulations mandate, among other things, the maintenance of air and water quality standards and land reclamation and provide for restrictions and prohibitions on spills, releases or emissions of various substances produced in association with certain exploration and mining industry activities and operations. They also set forth limitations on the generation, transportation, storage and disposal of hazardous waste. A breach of such regulations may result in the imposition of fines and penalties. In addition, certain types of exploration and mining activities require the submission and approval of environmental impact assessments.

5 Accessibility, Physiography, Infrastructure

5.1 Accessibility

The Property may be accessed from the city of Thunder Bay, Ontario by proceeding west on paved Trans-Canada Highway 11/17 and then north on paved Highway 599, a total distance of 535 km to

Pickle Lake, Ontario. Pickle Lake, Ontario can also be accessed by air on local small aircraft commuter service out of the International Airport in Thunder Bay. From Pickle Lake, Ontario, access to the Property is by float- or ski-equipped fixed wing aircraft or helicopter (Figure 2).

5.2 Physiography

The Property has low relief with the average topographic relief within the Property rarely exceeding 25m. Elevation is approximately 360 m above sea level.

5.2.1 Climate

Annual average precipitation for the Pickle Lake area is 733 mm, including 499 mm of rainfall and 272 cm of snowfall. The mean daily temperature in July is 18° C, while January records average temperatures of -21º C. Temperatures of up to 40° C in July and -51° C in January have been recorded (Source: Meteorological Service of Canada).

5.2.2 Flora and Fauna

The Property is covered by a mixture of mature timber (poplar, black and white spruce, birch and cedar) with little shrub growth in the understory.

6 History

Historical exploration in the Misehkow River area has been extensive since the turn of the twentieth century. Many exploration companies and government surveys have completed grassroots exploration programs in the area, as outlined below:

Brief exploration history:

1968 Diamond Drilling was performed by Sturdy Mines Limited to test previously defined magnetic anomalies. This drill program included six holes, totaling 5,223 feet (Sullivan, 1968; Murphy, 1968).

1968 Magnetic and electromagnetic survey was completed by Sturdy Mines Limited. The electromagnetic survey discovered seven conductive zones and eight magnetic zones (Desson, 1972).

1977 Algoma Steel Corporation conducted an 817.1 ft drilling program consisting of ten drill holes testing for iron mineralization (Gray, 1977).

1978 Algoma Steel Corporation conducted a magnetometer survey which detected a large magnetic horizon measuring approximately 8,000ft in length and 300 ft in width (Gray, 1978).

1985 Geological, geophysical and geochemical work was undertaken by Ontario Gold Joint Venture, comprising Northern Dynasty Exploration Ltd., Westfield Minerals Ltd., and Newfields Minerals Inc. Geophysical work included ground magnetic and electromagnetic surveys. Geochemical analysis was completed on rock samples, soil samples and stream sediment samples (Tupper, Gorzynski and Youngman, 1985).

1986 An airborne VLF-EM and magnetometer survey was undertaken by Ontario Gold Joint Venture. (Barrie, 1986).

1987 The Ontario Gold Joint Venture completed a soil geochemical survey including 65 samples along with collecting one rock sample for analysis. Results for gold were low with only one anomalous result having a gold value of 43 ppb accompanied by 27 ppm arsenic. The work also included a minor trenching program, totaling 6 trenches. The best result from the trenching program came from a grab sample taken from a meter wide quartz vein in trench #6 (Lohman and Deevy, 1987; Ho, 1989).

1987 Utah Mines Ltd. conducted detailed geologic mapping at a scale of 1:5000 and collected 246 grab samples. All samples were analyzed for Au with select samples also analyzed for Cu, Ag and Zn. (Dyer, 1987).

1987 St. Joe Canada Inc. conducted airborne magnetic and VLF-EM surveys on the Webb Lake project (Barrie, 1987).

1988 Utah Mines Ltd. conducted a mapping program on the northern portion of their property starting in summer 1987 which was completed the following summer. In addition, rock and humus samples were taken during field season of 1988 (Allen, 1989).

1988 Utah Mines Ltd. conducted geophysical surveys including horizontal loop electromagnetic (HLEM/Max-Min), total field magnetometer and VLF-EM surveys during the winter of 1988 on the Misehkow River and Woodilee Lake properties (Treadwell, 1988a,b).

1988 Ontario Gold Joint Venture conducted a ground geophysical survey including magnetic and VLF-EM surveys discovering four magnetic zones and four conductive zones. Also from 1988 to 1989 they conducted a 2,235.4 metre drilling program consisting of twelve drill holes. The best drill assay was 12.5 g/t Au over 0.7m and the best grade/width result was 3.84 g/t Au over 6.2m (Gorzynski, 1988a,b,c; Ho, 1989).

1988 Placer Dome conducted a 1,234.2 metre drilling program consisting of ten drill holes (Morganti 1989).

1990 In the winter of 1990, Bond Gold Canada Inc. carried out a program consisting of line cutting, magnetic and HLEM surveying on the Vallas Lake Property. This program was followed up with a geological mapping program to investigate geophysical targets and anomalous gold assay results (Huxhold, 1990a,d).

1990 Bond Gold Canada Inc. conducted a geological mapping program on the Iron Falls Property and the August North property to investigate airborne geophysical anomalies (Huxhold, 1990b,c).

1990 Utah Mines Ltd. conducted a drilling program consisting of eight drill holes totaling 1,189.3 metres (Waldie, C.J. 1991).

1990 Prospecting, rock sampling, geological mapping and humus geochemistry was undertaken for Mr. Biczok by W.C. Hood and Associates in the Misehkow River area including Lowry Lake, Woodilee Lake and the Misehkow River (Hood, W.C.).

1997 Northern Dynasty Minerals Limited conducted geophysical surveys including: helicopter-borne electromagnetic, magnetic and VLF-EM (Woolham, 1997).

1998 A re-assaying program was completed based on drill core sampled by Ontario Gold Joint Venture in the 1988 and 1989 drill program. This program was undertaken to assess the possibility of nugget effect in the original assays. The original assays were analyzed by conventional fire assay with atomic absorption finish on 10 gram samples. The re-assaying program used metallics or "screen" assaying of 73 drill core pulp samples (Youngman 1998).

6.1 Summary of recent work by Jiminex

Jiminex Inc. has completed prospecting and geophysical surveys on the Misehkow River property from 2009-2010.

6.1.1 VTEM EM and Magnetic Survey 2009-2010

Jiminex Inc. completed a VTEM 30 HZ EM and magnetic survey over the Misehkow River property in September 2009. The survey was conducted by Geotech Ltd., and the data was independently analyzed and interpreted by Condor Consulting for Jiminex in May 2010 (Steffler *et al.* 2010; Witherly and Cunion 2010).

Geotech calculated vertical magnetic derivatives and interpreted tectonic disruptions and two target zones. Condor did a complete assessment of the EM and magnetic data, including modeling of the EM results, as well as plate and voxel modeling of the magnetic data. Historic drilling and surface assays along with property geology were examined in their assessment. Based on their assessment, five high priority targets were outlined out of the 30 target zones. These targets were prioritized based on local geology, geological structures, geophysical signatures, historic drill holes and anomalous gold assays. Condor designed drill holes to test these geophysical targets. The current drill program tested geophysical anomalies described by Condor in holes MIS-11-01 through MIS-11-08.

6.1.2 Prospecting

Jiminex Inc. has carried out several prospecting programs including 116 rock samples in 2010 which will be addressed in Section 8 of this report.

7 Geological Setting and Mineralization

7.1 Regional Geology

The Misehkow River property lies within the Uchi subprovince of the North Caribou terrane which is the largest domain within the Superior Province of the Canadian Shield. The Uchi subprovince is host to several gold deposits including Red Lake, Rice Lake and the Pickle Crow mining camps. This area was mapped by Sage and Breaks (1982) and reevaluated by Young et al. (2006). The regional geology in this report is based on these two reports (Figures 3 and 4).

The Misehkow River property lies within the Pickle Lake greenstone belt. The Pickle Lake greenstone belt is a 70 x 25 kilometer long belt made up of Archean supracrustal rocks which have been intruded by granitic plutons, surrounded by larger granitic batholiths. Metamorphic grades typically range from greenschist to amphibolite facies throughout the belt. There have been three phases of deformation identified in the Pickle Lake greenstone belt.

The Pickle Lake greenstone belt has been broken into four Assemblages: the Northern Pickle Assemblage, the Pickle Crow Assemblage, the Woman Assemblage and the Confederation Assemblage. The Misehkow River property is hosted by the Pickle Crow Assemblage.

The Pickle Crow Assemblage is characterized by subaqueous basalt flows, dacites and rhyolitic pyroclastic rocks, synvolcanic quartz-feldspar porphyry, iron formation and graphitic schist. This assemblage is dominantly massive to pillowed basalt flows with interlayered iron formation and lenses of intermediate volcanic rocks.

7.2 Mishekow River Property Geology

The first detailed map of the property was done in 1985 by Tupper et al., though there is significant overburden on most of the property, most of the outcrop can be found along the river.

Lithologies on the property include a variety of metamorphosed volcanic and metamorphosed sedimentary rocks, cut by metamorphosed early and late intrusive rocks. Late intrusive rocks include diabase and quartz (+/- feldspar) porphyry. Early intrusive rocks include gabbro, quartz monzonite, trondhjemite, granodiorite and quartz diorite. The most significant metamorphosed sedimentary rock is the chert-magnetite iron formation inferred from geophysical surveys and exploration diamond drilling. The iron formation is thinly to coarsely banded, consisting of magnetite and chert-rich bands. Sulphides occur as blebs and stringers in this unit. A chert-rich iron formation also occurs on the property. This unit has a fine grained sugary texture on fresh surfaces and is often sulphide-rich with stringers and blebs of pyrite, pyrrhotite and chalcopyrite. Another variation of the iron formation includes a clastic iron formation with biotite and garnet bands in addition to the magnetite and chert-rich bands.

On the south side of the Misehkow river, the property is dominated by metasedimentary rocks, including metamorphosed greywacke, arkose, quartzite, siltstone and shale. These units are typically fine grained, grey in colour and moderately foliated with subtle differences. Work completed by previous companies, Ontario Gold Joint Venture and Utah Mines Ltd., tried to distinguish these units however Jiminex has grouped these units for consistency.

The predominant volcanic rock on the Misehkow River property is a texturally diverse mafic volcanic rock group. Massive mafic flows are most common with local carbonate-rich chlorite schists. The chlorite schist is strongly foliated and green in colour, rich with carbonate veining and with/or without magnetite. Magnetite appears in three distinct textures including small disseminated blebs or cubes, clusters of wisps and disseminated wisps and/or stringers.

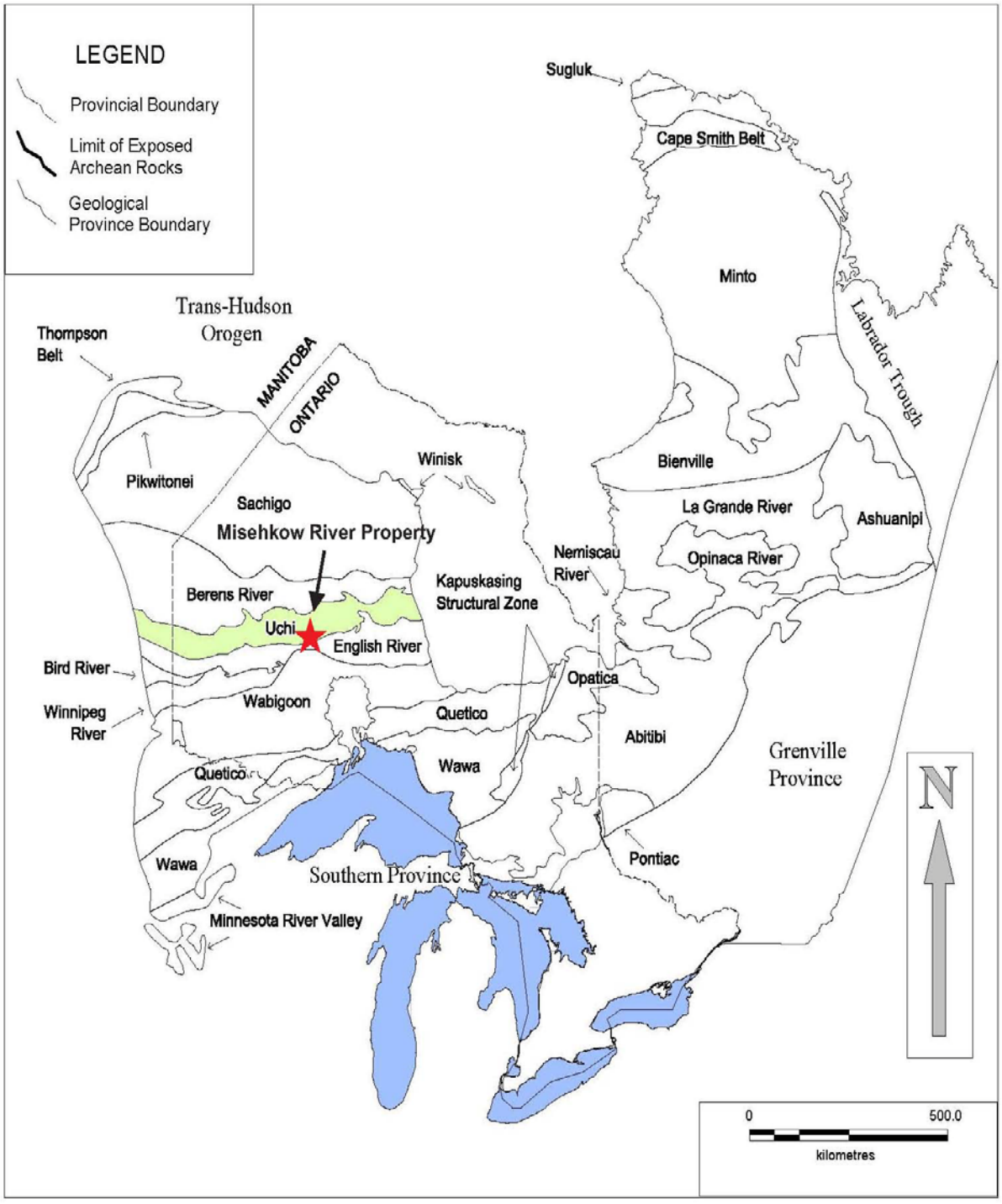

Figure 3 – Uchi subprovince within the Superior province.

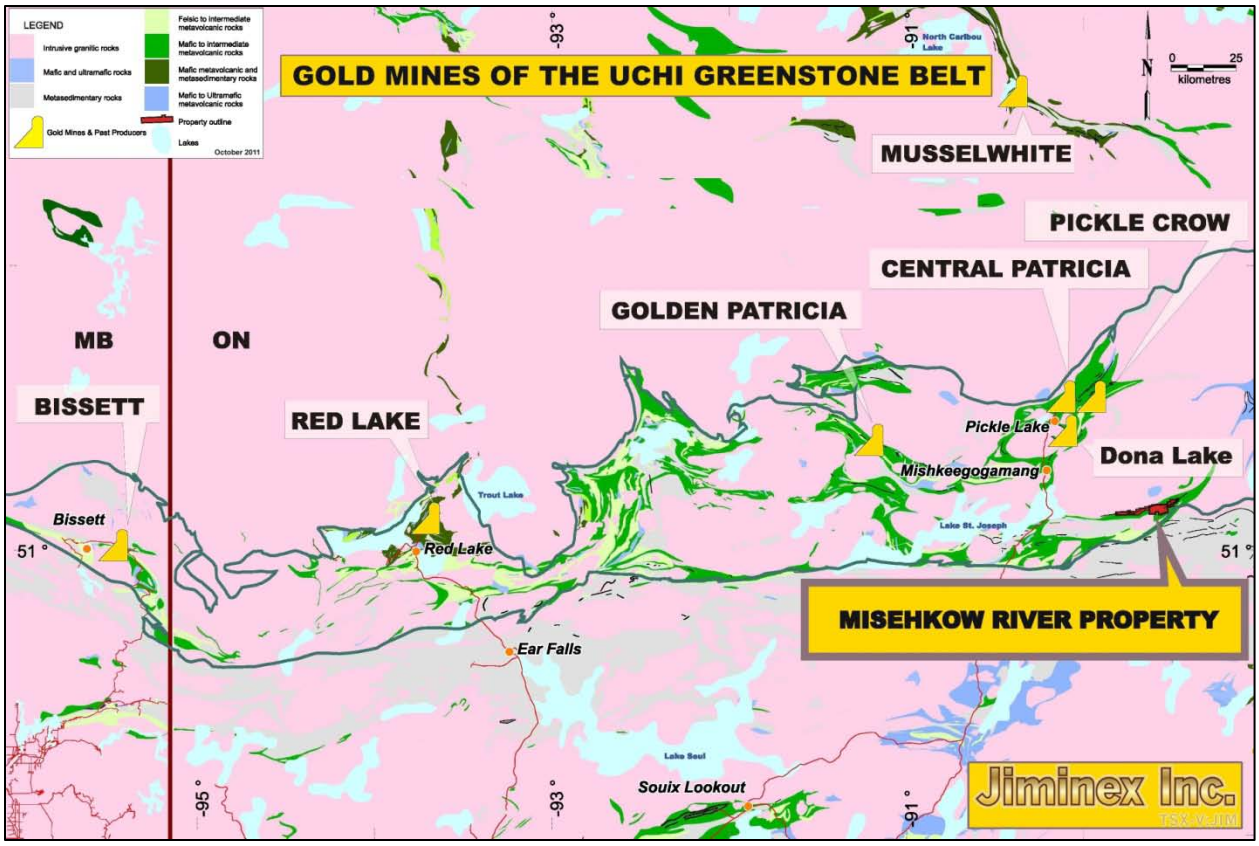

Figure 4 – Misehkow River Property in relation to major deposits within the Uchi subprovince.

7.2.1 Structure

The Misehkow River is mainly underlain by metamorphosed volcanic rocks interlayered with iron formation, gabbro and sedimentary rocks trending roughly east-west. The property has three distinct deformation events. Remnants of the first deformation event, D1, are preserved as cleavage in the chert-magnetite iron formation and occur at 210-225, steeply dipping to the north. The most pervasive structure on the property is the D2 foliation (or schistosity). The D2 foliation is orientated at 240-255, dipping steeply typically to the north.

The third deformation event in the area is less wide spread but is locally developed as widely spaced fractures orientated 005-015. D3 also manifests as kinks and open folds generally trending more north than either the D1 or D2 structures.

7.2.2 Geophysics

Due to the scarcity of outcrop on much of the Misehkow River property, geophysical surveys have played an essential role in the exploration of the Property. In 1968, Sturdy Mines Limited conducted magnetic and electromagnetic surveys to target the iron formation for exploration. Later in 1978, Algoma Steel Corporation furthered the geophysical understanding of the area with a magnetometer survey. In 1985, Ontario Gold Joint Venture conducted ground magnetic and electromagnetic surveys. In the late 1980s, several other airborne magnetic and VLF-EM surveys along with horizontal loop electromagnetic

(HLEM/Max-Min) and total field magnetometer were conducted in the area. In 1997, Northern Dynasty Minerals conducted helicopter-borne electromagnetic, magnetic and VLF-EM surveys over the property.

Jiminex completed a VTEM 30 HZ EM and magnetic survey over the property by Geotech in 2009. A complete assessment of the EM and magnetic data including modeling of the EM results, as well as plate and voxel modeling of the magnetic data was conducted by Condor Consulting for Jiminex. Historic drilling and surface assays along with property geology were examined in their assessment. Based on their assessment, five high priority targets were outlined.

7.3 Mineralization

The iron formation on the property has received the bulk of the attention in past mineral exploration programs. First, the iron formation under the river was targeted for its potential to be developed as an iron resource. This iron formation is hosted within clastic sedimentary rocks, typically thinly bedded greywacke. The iron formation is chert-magnetite layers with lesser hematite and iron sulphides.

In more recent years, the iron formation was targeted for gold mineralization. The iron formation north of the Misehkow River is sulphide-rich. This iron formation is pyrite-rich with lesser pyrrhotite and magnetite. Gold mineralization within the iron formation has not been geochemically linked to pyrite content. Instead, gold mineralization in the iron formation seems to be associated with the D2 shearing which cross cuts the iron formation at a very oblique angle. Additional characteristics of this iron formation hosted gold mineralization include association with arsenopryite mineralization.

The current drill program discovered gold mineralization hosted by quartz veining in the metasedimentary (greywacke) unit. Because of this discovery, the subsequent mapping and prospecting program focused on documenting quartz vein orientations in the metavolcanic and metasedimentary rocks in the surrounding area. Although several variations occur on the orientation of quartz veins, the majority of the veining documented in the 2011 mapping program aligns with the D2 (roughly east-west) trend or are slightly oblique to the trend.

8 Exploration

Since first acquiring the property, Jiminex has completed prospecting, line cutting, geological mapping and filing of a digital database of all historic data available in the claims area.

8.1 Prospecting Program 2010

In 2010, a prospecting program was completed to explore for gold potential over Misehkow River. Prospecting was conducted in the spring and summer of 2010 by Jiminex staff Matthew King from the Gull Bay and Ron Hunter from Osnaburgh. One hundred and sixteen samples were collected for gold and trace element geochemistry (Map 1). Samples were submitted to Accurassay Laboratories in Thunder Bay, Ontario for analysis. Samples were analyzed for trace elements (Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Si, Sn, Sr, Ti, Tl, V, W, Y and Zn) using Aqua Regia Digestion with ICP-OES finish. In addition, samples were fire assayed for Au.

Table 5 – Summary of 2010 surface grab samples.

Sample ID	Easting (NAD83Z16)	Northing (NAD83Z16)	Comment
MK-001	322825	5670635	chl schist
MK-002	322274	5670106	metaseds
MK-003	322954	5669990	mafic
MK-004	322718	5670106	mafic
MK-005	322723	5670480	mafic
MK-006	322726	5670508	
MK-007	321598	5670707	very weathered
MK-008	321592	5670770	chl-schist
MK-009	322805	5670405	chl-schist
MK-010	322803	5670413	mafic
MK-011	322830	5670469	
MK-012	322838	5670994	chl schist with magnetite
MK-013	322838	5670494	chl schist with magnetite
MK-014	322823	5670545	chl schist with magnetite
MK-015	322805	5670527	mafic
MK-016	322866	5670496	mafic
MK-017	322870	5670487	mafic
MK-018	322820	5670421	mafic
MK-019	322851	5670471	mafic
MK-020	322853	5670475	mafic
MK-021	322857	5670471	mafic
MK-022	322891	5670488	mafic
MK-023	322884	5670515	mafic
MK-024	322629	5670587	QFS
MK-025	322650	5670643	
MK-026	322658	5670642	mafic
MK-027	323830	5670564	QFS
MK-028	323848	5670840	QFS
MK-029	323902	5670916	QFS
MK-030	323937	5670617	mafic
MK-031	323952	5670602	QFS
MK-032	324146	5670903	mafic/metased?
MK-033	324141	5670854	QFS
MK-034	324133	5670734	QFS
MK-035	324141	5670725	QFS
MK-036	324141	5670695	QFS
MK-037	324138	5670709	QFS
MK-038	324333	5670817	QFS
MK-039	320832	5670242	chl-garnet schist?
MK-040	320535	5670279	mafic with sulphides

Sample ID	Easting (NAD83Z16)	Northing (NAD83Z16)	Comment
MK-041	320202	5670326	chert
MK-042	320202	5670330	chert w/ sulphides
MK-043	324332	5670776	QFS
MK-044	324337	5670838	QFS w/ qtz
MK-045	324118	5670778	QFS
MK-046	324082	5670762	mafic
MK-047	323950	5670742	mafic
MK-048	323955	5670608	QFS
MK-049	323978	5670595	mafic
MK-050	324050	5670631	metaseds
MK-051	324133	5676687	chert?
MK-052	324161	5670722	QFS
MK-053	324162	5670722	QFS
MK-054	324268	5670781	Chl Schist- weathered
MK-055	324332	5670824	qtz-rich with sulphides
MK-056	324330	5670824	QFS
MK-057	324333	5670821	chert/qtz-rich
MK-058	324334	5670819	chert/qtz-rich
MK-059	324330	5670800	chert- weathered
MK-060	324339	5670837	QFS
MK-061	324340	5670826	QFS
MK-062	324342	5670823	QFS
MK-063	324339	5670828	QFS?
MK-064	324341	5670819	QFS
MK-065	324339	5670825	QFS
MK-066	324347	5670829	metaseds
MK-067	324344	5670806	QFS
MK-068	324342	5670813	sheared mafic
MK-069	324349	5670838	QFS
MK-070	324343	5670855	chert
MK-071	324350	5670855	mafic
MK-072	324361	5670871	chl schist
MK-073	324336	5670888	chert
MK-074	324429	5670880	
MK-075	324507	5670882	mafic
MK-076	324338	5670822	QFS
MK-077	324323	5670835	QFS
MK-078	324330	5670814	
MK-079	324313	5670818	qtz with arsenopyrite and sulphides
MK-080	324310	5670808	
MK-081	324310	5670808	QFS?

Sample ID	Easting (NAD83Z16)	Northing (NAD83Z16)	Comment
MK-082	324311	5670809	QFS
MK-083	324294	5670806	QFS
MK-084	324289	5670804	QFS
MK-085	309147	5667358	metaseds
MK-086	320210	5670305	mafic
MK-087	320204	5670319	mafic
MK-088	320207	5670320	chl-garnet schist
MK-089	320211	5670320	mafic
MK-090	320208	5670333	very weathered
MK-091	320214	5670326	mafic
MK-092	320217	5670343	
MK-093	320201	5670310	chl schist?
MK-094	320209	5670337	chert?
MK-095	320208	5670338	chert
MK-096	320203	5670342	very weathered
MK-097	320237	5670427	chl-garnet schist
MK-098	320241	5670430	chl-garnet schist
MK-099	320253	5670450	mafic?
MK-100	320244	5670449	mafic
MK-101	321000	5668550	chert
MK-102	321748	5668069	metasedimentary w/ qtz vein
MK-103	321750	5668074	metasedimentary w/ qtz vein
MK-104	321771	5668169	metasedimentary
MK-105	321771	5668170	mafic
MK-106	321776	5668167	mafic
MK-107	321774	5668162	metased- minor garnets
MK-108	321821	5668446	metased
MK-109	321803	5668455	metased- strongly sheared
MK-110	321808	5668460	QFS
MK-111	321858	5668473	QFS
MK-112	321836	5668701	QFS
MK-113	321827	5668822	mafic
MK-114	321828	5668819	mafic
MK-115	321832	5668821	mafic
MK-116	321823	5668813	mafic

8.2 Mapping and Prospecting Program 2011

The 2011 mapping and prospecting program was completed to explore additional quartz vein hosted gold mineralization and to gather data on the structural trends of veins and D2 foliation.

Mapping and prospecting was conducted by Fladgate on August 13, 2011 and from August 23 to August 27, 2011. Maura Kolb and Robert Scott of Fladgate measured, mapped and sampled with Ken Koski as their assistant who stripped and washed outcrop. A total of 31 grab samples were collected for fire assay (Map 1). Samples were sent to Activation Labs in Thunder Bay, Ontario for analysis.

Table 6 – Summary of 2011 surface grab samples.

Sample ID	Easting (NAD83Z16)	Northing (NAD83Z16)	Comment
895939	323275	5670101	QFS: qtz
895940	319949	5670391	Sulphides
895941	319940	5670405	BIF and sulphides
895942	323275	5670103	Smokey Qtz
895943	319931	5670229	QFS-sericite Schist
895944	319931	5670229	Chlorite-Garnet Schist
895945	319914	5670234	QFS- sercite schist
895946	323275	5670101	QFS-FP
895947	324340	5670890	QFS
895948	324345	5670763	QFS
895949	320036	5670357	Quartz Vein
895950	323261	5670248	Quartz Vein
895668	323261	5670248	Character Sample
895669	319953	5670383	Garnet-Chlorite Schist w quartz stockwork
895670	320108	5669220	Kenny's quartz vein with wall rock
895671	320108	5669220	Kenny's quartz vein (all quartz)
895672	324330	5670772	Greywacke
895673	323274	5670145	Greywacke
895674	320809	5670286	Pyrite in basalt
895675	320197	5670328	Cherty sample from base of cliff
895676	320807	5670331	Quartz Vein
895677	320479	5670296	BIF
895678	320197	5670328	Fe stained quartz
895679	320197	5670328	Massive sulphides
895680	320197	5670328	sulphides w quartz
895681	320296	5670296	Quartz Vein
895682	320484	5670302	BIF - Mt rich
895683	320375	5670309	Bt-Chl-Gt
895684	320800	5670323	Cherty BIF
895685	320375	5670309	Bt-Chl-Gt and qtz
895686	320375	5670309	Bt-Chl-Gt and qtz

9 Drilling

9.1 Drilling

The 2011 diamond drilling program included nine drill holes, which commenced on April 1, 2011 and continued until May 22 2011, with a break from April 26, 2011 to May 6, 2011. There were 9 BTW-sized diamond drill holes completed, totaling 2,869.08 metres (Table 7). Drilling was conducted by Cartwright Drilling, and to the knowledge of the author (M. Kolb), all casings were left in place and were not capped.

Jim Parres spotted collar locations using a Garmin GPS, while Jim and Adewara sampled core and partially logged holes MIS-11-01, MIS-11-03, MIS-11-07 and MIS-11-09 during April and May 2011. Results from the sampling done by Jim and Adewara are included in Appendix III.

Fladgate was hired by Jiminex to log and sample holes from the Spring 2011 drill program. Maura Kolb and assistant Robert Scott completed the core logging and sampling portion of the drill program in August 2011. Work completed by Fladgate included: digitizing all prior samples taken, measuring intervals for prior samples which had not been recorded, logging all holes, geoteching holes which had not previously been measured, photographing all the core and marking new samples.

Collar locations were provided by Jiminex to the author (Maura Kolb) except for the drill holes visited by Fladgate during the core logging and mapping program. The drill holes surveyed by Fladgate include holes MIS-11-01, MIS-11-03, MIS-11-04, MIS-11-06, MIS-11-07 and MIS-11-08. These collar locations were surveyed using an Etrex Garmin differential GPS.

Table 7 – 2011 Drill Program collar summary.

Hole ID	UTM Coordinates			Azimuth (°)	Dip (°)	Depth (m)
	Easting (NAD83Z16)	Northing (NAD83Z16)	Elevation (m)			
MIS-11-01	324365	5670945	376	170	-45	259.08
MIS-11-02	324680	5670330	360	170	-60	276
MIS-11-03	323280	5670518	366	170	-60	368.0
MIS-11-04	323740	5671018	363	170	-60	252.6
MIS-11-05	322825	5670752	360	170	-70	503.85
MIS-11-06	323280	5670518	366	170	-70	448.3
MIS-11-07	323280	5670518	366	170	-45	253.15
MIS-11-08	323233	5670517	360	170	-45	250.1
MIS-11-09	321694	5670331	360	170	-60	258
				Total Meters Drilled:		2,869.08

Holes MIS-11-01 through MIS-11-08 targeted geophysical anomalies from the 2010 report by Condor Consulting (Witherly and Cunion, 2010). This report was based on 2009 data from VTEM 30 HZ EM and magnetic surveys done by GEOTECH LTD. in which they targeted two zones (Steffler *et al*., 2010). Condor analyzed the EM and magnetic data with the available geology and drilling data,

resulting in 5 high priority target areas (Witherly and Cunion, 2010). Drill hole MIS-11-09 targeted the alteration zone described by Northern Dynasty (Ho, 1988).

Drill holes in this program intersected a variety of metavolcanic and metasedimentary units. Banded iron formation is present throughout the property and hole MIS-11-09 targeted mineralization associated with the iron formation. Drill holes MIS-11-03, 5, 6, 7, and 8 intersected magnetite-rich rocks of mafic composition. These magnetite-rich units include metagabbro and chlorite schist. The following lithological units occur in drill core and outcrop on the Misehkow River property and were observed by Fladgate staff.

MGb: The metagabbro is medium to coarse grained, moderately foliated and dark green in colour. Carbonate veining occurs scattered throughout this unit. Magnetite is disseminated and appears as blebs, broken cubes and stringers. Local coarse grained pyroxene/amphibole crystals occur; these are typically in chlorite-rich areas. Localized white to light blue plagioclase porphyroclasts occur in this unit as well.

ChlS: The chlorite schist is strongly foliated and green in colour. This unit is typically magnetite-rich. Magnetite appears in three distinct textures including small disseminated blebs or cubes, clusters of wisps and disseminated wisps and/or stringers. Sulphide mineralization occurs as blebs and stringers, typically parallel to foliation. Sulphides are predominately pyrite with some pyrrhotite and minor chalcopyrite and arsenopyrite Carbonate veins occur scattered throughout this unit, typically occurring parallel to the foliation.

ChlGarS: Chlorite garnet schist is moderately foliated, green in colour with dark red garnet crystals. This unit can also include magnetite.

MV-mafic: This metavolcanic mafic unit is grey to green in colour and very fine grained. It is weakly to moderately foliated, typically with minor carbonate veining.

QFS: The quartzofeldspathic schist is very fine grained and moderately foliated. Sericite alteration varies in this unit from strong to intense. Pyrite mineralization often occurs in this unit as blebs and stringers. Variations of this unit include the occurrence of quartz porphyroclasts (QFS-QP), feldspar porphyroclasts (QFS-FP) and both quartz and feldspar porphyroclasts (QFS-QFP).

MS: This unit is very fine grained, moderately foliated and grey coloured. Due to the fine grained nature of this unit, it has been described simply as metasedimentary. Previous descriptions by Northern Dynasty (OGJV) and BHP Utah describe several metasedimentary units such as greywacke, arkose, quartzite, siltstone and phyllite all with subtle differences. For consistency, these units were grouped together during logging.

MS-C: This metasedimentary unit contains larger clasts in a fine grained matrix. The matrix is similar to the metasedimentary unit (MS) being grey in color, moderately foliated and very fine grained.

IF: Iron formation is thinly to coarsely banded, consisting of magnetite and chert-rich bands. Sulphides occur as blebs and stringers in this unit.

IF-Ch: Metamorphosed chert-rich iron formation is very fine grained with sugary texture on broken surfaces. This can appear sulphide-rich with stringers and blebs of sulphides including: pyrite, pyrrhotite and chalcopyrite.

IF-Clastic: This iron formation is made up of thin bands of chert, magnetite and clastic bands. Clastic bands are typically chlorite-rich with garnets and biotite. Sulphides also occur and blebs and stringers in this unit.

10 Sampling Method and Approach

10.1 Prospecting 2010

The 2010 prospecting program collected 116 rock samples from outcrops on the north side of Misehkow River (Map 1). Samples were analysed for trace elements (Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Si, Sn, Sr, Ti, Tl, V, W, Y and Zn) using Aqua Regia Digestion with ICP-OES finish. In addition samples were analysed for Au. Samples were submitted to Accurassay Laboratories ("Accurassay") in Thunder Bay, Ontario.

10.2 Prospecting 2011

The 2011 mapping and prospecting program included three target areas (Map 1). The first area, targeted by the mapping program, were outcrops south of holes MIS-11-03, MIS-11-06, MIS-11-07 and MIS-11-08. The second area was sampled in the 2010 prospecting program and is located near hole MIS-11-01 where a ridge exposes several outcrops. The last area mapped was on the west side of camp where a large quartz vein had been reported. This region was closest to previous drilling done by Ontario Gold Joint Venture and Utah Mines Ltd.

Outcrops mapped were typically small; rock type and structure (foliation and quartz veining orientations) were measured and recorded. Samples were taken at the discretion of the geologist and all samples were submitted to Activation Laboratores Ltd. ("Actlabs") in Thunder Bay, Ontario for 50g Au fire assay.

10.3 Drilling Program

Jiminex Inc. has not implemented any set Quality Assurance and Quality Control (QA/QC) protocols and procedures. BTW core was manually split on site, with half of the sample bagged and labelled, and the remaining half being placed in core boxes to serve as a permanent record and stored in an on-site facility. All samples are shipped from the site by plane then car with Jiminex employees to Actlabs for crushing, pulverization and pulp preparation.

Most samples sent for analyses were prepared using a jaw crusher, which is cleaned with a silica abrasive between samples, resulting in 90% of the sample passing through an 8-mesh screen. A 1000-gram split of the crushed sample is then pulverized with 90% passing through a 150-mesh screen. Fire assays are performed using 50 grams of sample with assays equal to or greater than 5 g/t calculated gravimetrically, and lower grade samples measured by atomic absorption (AA). Samples with visible gold or suspected of high gold values were instead sent for metallics analysis. This was decided at the discretion of the geological staff.

10.3.1 Sample Preparation

Drill core was sampled after the core was logged, and consists of descriptions of lithologic units, contact measurements taken downhole and potential ferrous zones outlined. Faulted sections of ground or broken core are also noted. Sample intervals were selected based on the rock type, deformation, alteration intensity, texture and mineralogy of the core.

Core was split using a manual core splitter. Split core samples sent for analysis were labeled with a sample identifier and shipped to lab in sealed rice bags. The samples were prepared by Jiminex employees Ken Koski and Lawrence Muckuck at site of the Misehkow River Property.

No QA/QC program was implemented for the 2011 drill program.

10.3.2 Analysis

All core samples from the 2011 drill program were submitted to Actlabs in Ancaster, Ontario, Canada. Actlabs uses industry standard methods and ISO/IEC 17025 quality assurance and quality control practices.

The sample preparation process includes preparation steps for reduction up to the point where the sample has been reduced to a form suitable for geochemical analysis. The sample is prepared using a jaw crusher, which is cleaned with a silica abrasive between samples, resulting in 90% of the sample passing through an 8-mesh screen. A 1000-gram split of the crushed sample is then pulverized with 90% passing through a 150-mesh screen. Fire assays are performed using 50 grams of sample with assays equal to or greater than 5 g/t calculated gravimetrically, and lower grade samples measured by atomic absorption (AA). Samples with visible gold or suspected of high gold values were instead sent for a metallics analysis. This was decided at the discretion of the geological staff.

10.3.3 Security

No special security steps were taken.

11 Other Relevant Data and Information

Fladgate is not aware of any other relevant data or information that is pertinent to this report and which is not disclosed within this report. All available and relevant technical reports and data relating to the Misehkow River Property have been included in this report. The author is not aware of any information not used for this report the omission of which could make this report erroneous or misleading.

12 Interpretations and Conclusions

12.1 Mapping and Prospecting

The 2010 prospecting and 2011 mapping and prospecting programs were successful in verifying the structures and orientations of veining on the Property, as well as extending the geochemical knowledge of the rocks at surface. The 2010 prospecting program located new outcrops and covered known high ground of the property.

The mapping and prospecting program included three areas determined by the previous year's prospecting program. The first area (Area 1, Map 1) was located south of holes MIS-11-03, MIS-11-06, MIS-11-07 and MIS-11-08. This area was targeted due to the visible gold occurrence in hole MIS-11-03. Outcrops in this area where strongly foliated and strike of approximately 240°. The lithologies mapped include quartzofeldspathic schist, mafic metavolcanic and metasedimentary (metagreywacke) rocks. Also several quartz veins were mapped in this region. Plate 1 is an example of strongly foliated metasedimentary rocks from this area with a folded and boudinaged quartz vein.

Plate 1 – Strongly foliated metasedimentary rock with folded boudinaged quartz vein.

The second area (Area 2, Map 1) prospected in the 2011 mapping and prospecting program is located off base line 10, near hole MIS-11-01 where a ridge exposes several small outcrops. Outcrops in this region were strongly foliated strike approximately 240°. Plate 2 is an example of strongly foliated quartzofeldspathic schist with strike of 240° and steeply dipping to the north. Lithologies in this region include: quartzofeldspathic schist, quartzofeldspathic schist with quartz porphyroclasts and chlorite schist.

The last area prospected (Area 3, Map 1) in the 2011 mapping and prospecting program was on the west side of camp where a large quartz vein had been reported. This region extended from the shores of the Misehkow River north to a ridge where the iron formation outcrops to surface. Many different lithologies were located on the ridge including chlorite schist, chlorite garnet schist, metasedimentary greywacke, chert-rich and banded iron formation. This region hosted the most

significant sulphide mineralization, seen in Plate 3. Also, a large quartz vein was discovered hosted in the chlorite schist.

Plate 2 – Strongly foliated quartzofeldspathic schist.

12.2 Drill Program

The 2011 drill program was successful in discovering a significant gold occurrence in one of the target areas suggested by Condor Consulting. In July of 2010, Condor Consulting, out of Lakewood, Colorado, USA, interpreted the results of the September 2009 Geotech VTEM Airborne EM/MAG survey conducted on the Property for Jiminex. Interpretation done by Condor indentified 30 target zones of which 5 priority areas were detailed using available data (local geology, geological structures, geophysical signatures and gold assays).

In the spring of 2011, Jiminex began a drill program based on the holes recommended by Condor. These target zones were chosen due to proximity to previously discovered gold mineralization, proximity to camp and proximity to the Misehkow River as it is the major source of water needed for drilling.

Plate 3 – Sulphide-rich, chert-iron formation.

Using all available data, Condor was able to interpret a trend in the known alteration zone described by the drilling of Ontario Joint Gold Venture and Utah Mines Limited. In the alteration zone, the EM response appears to drop out. Typically, the diagnostic EM response over the alteration is of moderate EM response amplitude and appears "washed out" compared to the usually more conductive ironstones (Witherly and Cunion, 2010). This EM dropout was found in several of the target zones detailed by Condor. Target zones 3 and 4 described by Condor interpreted this EM dropout to reflect alteration and known gold occurrences proximal to the zone. This gold occurrence occurs on east-west strike of the wide alteration zone discovered by Ontario Joint Gold Venture. This alteration zone is interpreted to be a conduit for gold carrying fluids.

Drill holes MIS-11-01 and MIS-11-02 were drilled in Condor's target zone 4, and holes MIS-11-03, 04, 06, 07 and 08 were drilled in Condor's target zone 3. The target zone 4 drill holes tested the mafic volcanic and metasedimentary contact which was intersected with low to moderate geochemically-anomalous gold values obtained.

Target zone 3, hole MIS-11-03 intersected a new zone approximately 20 m wide with narrow (centimeter to one meter wide) visible gold bearing, smokey-grey quartz veins typically with one percent pyrite (Plate 4). A significant weighted average intercept of 18.3 g/t Au over 2.4 metres width was obtained, including a single sample with visible gold returning 116 g/t over 0.3 m width (Table 8).

Plate 4 – Example of white quartz with slips of wallrock from the mineralized zone of hole MIS-11-03.

Table 8 – Significant intervals for 2011 drilling.

Drillhole	From (m)	To (m)	Width (m)	Gold (g/t)	Width (feet)	Gold (oz/ton)
MIS-11-03	**275.26**	**277.65**	**2.39**	**18.3**	**7.8**	**0.53**
including	275.26	275.79	0.53	0.73	1.7	0.02
"	**275.79**	**275.91**	**0.12**	**56.90**	**0.4**	**1.66**
"	275.91	276.26	0.35	0.12	1.1	0.003
"	**276.25**	**276.55**	**0.30**	**116.00**	**1.0**	**3.38**
"	276.55	276.83	0.28	2.75	0.9	0.08
"	276.83	276.90	0.07	0.20	0.2	0.01
"	276.90	277.00	0.10	2.73	0.3	0.08
"	277.00	277.06	0.06	10.50	0.2	0.31
"	277.06	277.65	0.59	0.12	1.0	0.003

In September 2011, a digital database of all historic drillhole data was created by Fladgate. The digital database was imported into a 3D modeling program in order to interpret geology and mineralized zones and to aid in targeting. This tool was used to analyze the results of the 2011 drill program. Hole MIS-11-03 intersected several high grade intervals within the metasedimentary unit. Holes MIS-11-07 and MIS-11-08 were targeting the same mineralization, but these holes did not reach the metasedimentary unit. It seems that these holes were stopped short of the target (Figure 5).

Mapping completed in the summer of 2011 showed the majority of the quartz veins on the Misehkow River Property are oriented parallel to the foliation which strikes roughly east-west and dips steeply to the north. Because the gold mineralization in hole MIS-11-03 is hosted in quartz veins, it is assumed by the author that the mineralized zone will follow a similar trend.

If the assumption about the mineralized zone following the same trend as the veins and foliation is true, hole MIS-11-06 should have intersected the mineralized zone, however no significant gold mineralization was intersected. Hole MIS-11-06 was drilled from the same collar location as MIS-11-03 with a steeper dip. The gold zone in hole MIS-11-03 is hosted in a zone with several small quartz veins and slightly increased pyrite mineralization. Areas with similar veining and mineralization were sampled in hole MIS-11-06, but results showed only slightly elevated gold values. It is possible that the gold mineralization may be nugget-like, hosted in anastomosing veins or the ore shoots may have been missed.

Holes MIS-11-07 and MIS-11-08 were designed to target mineralization in the same area. MIS-11-07 was again collared from the same collar location at MIS-11-03 but with a more shallow dip. Hole MIS-11-08 was a step out 25m to the west with the same dip as hole MIS-11-07. These holes were stopped short of reaching the metasedimentary unit. Gold mineralization in hole MIS-11-03 occurred at the contact between the chlorite schist and the metasedimentary unit. Another indicator that hole

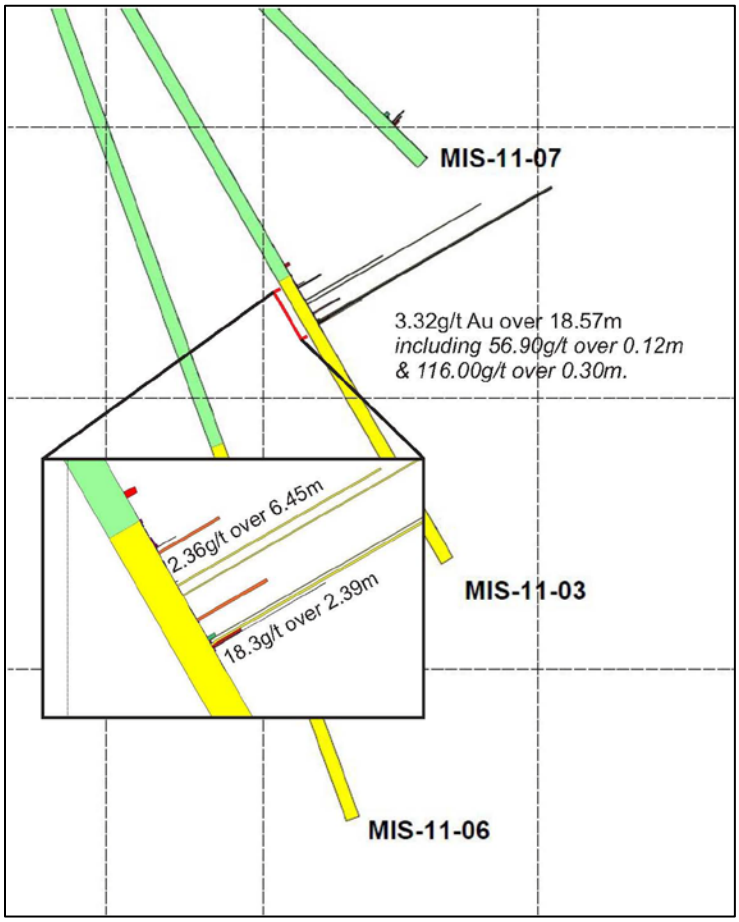

Figure 5 – Gold mineralization in MIS-11-03.

MIS-11-07 may have been cut short of this target is the zone of sulphide mineralization (including arsenopyrite) which occurred at the very bottom of the hole which showed elevated Au.

As previously mentioned, the mineralization zone in hole MIS-11-03 was hosted in the metasedimentary unit. There is a gradational contact between the upper chlorite schist and the metasedimentary unit. This gradational contact shows a shift from the magnetite-rich chlorite schist to the magnetite-poor metasediments, with a gradual decrease in chlorite content as well. The bottom of hole MIS-11-08 seems to be the beginning of a gradational change with a decrease in magnetite content from approximately 240m to EOH.

Condor interpreted ironstone in the area with a fold hinge or fault causing a stacking or repetition of the ironstone. No ironstone was intersected in this area, but the chlorite schist was magnetite-rich. Magnetite occurred as three distinct textures progressing downhole in the 4 holes drilled in this target area. The first texture was wisp or stringer-like magnetite occurring at the top of the holes, next the magnetite appeared as clusters of magnetite wisps, and lastly the magnetite occurred as blebs or cubes of magnetite. The chlorite schist was magnetite-rich with 5-10% magnetite.

This style of magnetite mineralization may be caused by alteration or metamorphism and must account for the magnetic signature in target zone 3. Ground magnetic surveys parallel to the surface expression of holes MIS-11-03, MIS-11-06 and MIS-11-07 showed increased magnetic intensity, which correlates well with the magnetite-rich chlorite schist seen in drill core.

13 Recommendations

The first phase of this mapping, prospecting and drilling program have been encouraging. Additional mapping and prospecting should be done to explore for vein-hosted and iron formation-hosted potential on the property. Further stripping and washing of outcrops on line L-0 should be completed as well as channel sampling. Numerous outcrops were found within the burned areas to the west of the Smoking Jacket Creek (along the baseline) and stripping was begun in the Fall of 2011 (September and October) exposing numerous quartz vein systems. Sampling of these newly exposed areas should be carried out in the Spring of 2012.

Further drilling is recommended to define the mineralization around MIS-11-03, as well as to test define mineralization in the iron formation discovered by Ontario Joint Gold Venture in the late 1980's. Hole MIS-11-07 and MIS-11-08 should be revisited and deepened at least 50-75m to reach the metasedimentary unit. Several holes should be planned to test the extent of gold mineralization found in MIS-11-03. A 25-metre step out to the east and a hole underneath MIS-11-08 (a 25-metre step out to the west of MIS-11-03) should be drilled. Condor suggested 10 other holes to test their high priority target zones 1, 2 and 5, these should also be tested. Maura Kolb recommends continuing the compilation of digital data to aid in visualizing the mineralization and targeting for drilling.

Grid lines should be extended for ground magnetic surveys to identify the surface expressions of the geologic contacts.

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15 Date

This report was completed on December 16, 2011.

Appendix I Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Maura Joy Kolb, of the CITY of THUNDER BAY, in the PROVINCE of ONTARIO, hereby certify:

I am employed with the geological consulting firm Fladgate Exploration Consulting Corporation.

I am a graduate of Buffalo State College, Buffalo New York, with a Bachelor of Science degree, majoring in Earth Science as of August 2008.

I am a graduate of Lakehead University, Thunder Bay, Ontario with a Master of Science degree in Geology.

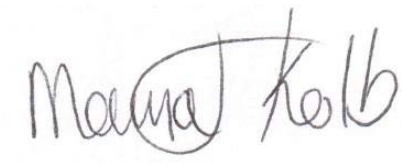
I have been employed as a Project Manager with Fladgate Exploration Consulting Corporation since the completion of my Masters degree in January, 2011.

I am, through Fladgate Exploration Consulting Corporation, currently providing consulting services to Jiminex Inc.

I have no interest, either directly or indirectly, in the subject property.

This report is based on a study of all information made available to me, both published and unpublished, and on information collected in the field by myself and by Fladgate Exploration Consulting Corporation personnel, or provided to me during the period of August 2011 to December 16th, 2011.

Dated in Thunder Bay, Ontario, this 16th day of December, 2011.



Maura J. Kolb

STATEMENT OF QUALIFICATIONS

I, Avery David Henderson, of the CITY of THUNDER BAY, in the PROVINCE of ONTARIO, hereby certify:

I am employed with the geological consulting firm Fladgate Exploration Consulting Corporation.

I am a graduate of Lakehead University, Thunder Bay, Ontario, with an Honours Bachelor of Science degree, majoring in Geology.

I have been employed as a Project Manager with Fladgate Exploration Consulting Company since my graduation in May, 2008.

I am, through Fladgate Exploration Consulting Corporation, currently providing consulting services to Jiminex Inc.

I have no interest, either directly or indirectly, in the subject property.

This report is based on a study of all information made available to me, both published and unpublished, and on information collected in the field by myself and by Fladgate Exploration Consulting Corporation personnel, or provided to me during the period of August 2011 to December 16th, 2011.

Dated in Thunder Bay, Ontario, this 16th day of December, 2011.

_____

Avery D. Henderson

Appendix II Costs and Expenses

Work Performed (Field Mapping/Prospecting/Reporting)			
Date From	**Date To**	**Description**	**Cost**
Aug. 9, 2011	Sept. 20, 2011	Project Manager Professional Fees	$30,509.37
Aug. 9, 2011	Sept. 20, 2011	Geotechnician Fees	$800.00
Aug. 9, 2011	Sept. 20, 2011	5% Communication Fee	$1,565.47
		Total	*$32,874.84*

Work Performed (Drill Program)			
Date From	**Date To**	**Description**	**Cost**
Aug. 12, 2011	Sept. 30, 2011	Project Manager Professional Fees	$13,325.00
Aug. 12, 2011	Sept. 30, 2011	5% Communication Fee	$666.25
Aug. 12, 2011	Sept. 30, 2011	Drilling (Cartwright Drilling)	*
		Total	*$13,991.25*

* Drilling expenses/costs not provided at time of writing report.

Travel			
Date From	**Date To**	**Description**	**Cost**
Aug. 9, 2011	Sept. 30, 2011	Flights to/from T. Bay – Pickle Lake	$925.00
Aug. 9, 2011	Sept. 30, 2011	Truck Rental	$75.00
Aug. 9, 2011	Sept. 30, 2011	Extra km's	$219.48
Aug. 9, 2011	Sept. 30, 2011	10% Administration Fee	$92.50
		Total	*$1,311.98*

Equipment & Supplies			
Date From	**Date To**	**Description**	**Cost**
Aug. 9, 2011	Sept. 30, 2011	Fuel	$377.00
Aug. 9, 2011	Sept. 30, 2011	10% Administration Fee	$37.70
		Total	*$414.70*

Other			
Date From	**Date To**	**Description**	**Cost**
Aug. 9, 2011	Sept. 30, 2011	Out-of-pocket expenses	$371.33
Aug. 9, 2011	Sept. 30, 2011	10% Administration Fee	$37.13
		Total	*$408.46*

Food & Lodging			
Date From	**Date To**	**Description**	**Cost**
Aug. 9, 2011	Sept. 30, 2011	Accommodations	$374.00
Aug. 9, 2011	Sept. 30, 2011	10% Administration Fee	$37.40
		Total	*$411.4*

GRAND TOTAL	$49,412.63

Appendix III Assay Certificates

Quality Analysis ... Actlabs *Innovative Technologies*

Date Submitted: 24-Aug-11
Invoice No.: A11-9323
Invoice Date: 27-Sep-11
Your Reference: Misehkow River

Jiminex Inc.
RR#1
Pass Lake Ontario P0T2M0
Canada

ATTN: Jim Parres

CERTIFICATE OF ANALYSIS

25 Rock samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A11-9323**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. **Report: A11-9323**

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
895701	< 5
895702	< 5
895703	< 5
895704	< 5
895706	< 5
895707	< 5
895708	< 5
895709	< 5
895711	< 5
895712	< 5
895713	< 5
895714	< 5
895716	< 5
895717	11
895718	10
895719	< 5
895721	17
895722	10
895723	9
895724	23
895725	7
895726	7
895727	5
895728	18
895729	15

Activation Laboratories Ltd. Report: A11-9323

Quality Control

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
OxG84 Meas	931
OxG84 Cert	922.000
OxJ80 Meas	2390
OxJ80 Cert	2331.000
895712 Orig	< 5
895712 Dup	< 5
895724 Orig	22
895724 Dup	24
895726 Orig	7
895726 Split	10

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 06-Jun-11
Invoice No.: A11-5024
Invoice Date: 27-Jun-11
Your Reference: Misehkow River

Jiminex Inc.
RR#1
Pass Lake Ontario P0T2M0
Canada

ATTN: Jim Parres

CERTIFICATE OF ANALYSIS

69 Rock samples were submitted for analysis.

The following analytical packages were requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1A3-Tbay Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)

REPORT **A11-5024**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-5024

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Detection Limit	5	0.03
Analysis Method	FA-AA	FA-GRA
895599	7	
895600	< 5	
895601	44	
895602	6	
895603	86	
895604	75	
895605	6	
895606	40	
895607	9	
895608	60	
895609	8	
895610	1450	
895611	19	
895612	5	
895613	299	
895614	59	
895615	47	
895616	295	
895617	7	
895618	51	
895619	36	
895620	60	
895621	30	
895622	17	
895623	1520	
895624	2030	
895625	> 3000	6.25
895626	43	
895627	88	
895628	125	
895629	27	
895630	437	
895631	45	
895632	7	
895633	164	
895634	380	
895635	634	
895636	2250	
895637	7	
895638	10	
895639	106	
895640	27	
895641	5	
895642	28	
895643	25	
895644	30	
895645	60	
895646	36	
895647	22	
895648	176	
895649	507	
895650	16	

Activation Laboratories Ltd. Report: A11-5024

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Detection Limit	5	0.03
Analysis Method	FA-AA	FA-GRA
895651	93	
895652	22	
895653	11	
895654	50	
895655	< 5	
895656	51	
895657	58	
895658	24	
895659	64	
895660	147	
895661	191	
895662	202	
895663	74	
895664	29	
895665	< 5	
895666	< 5	
895667	< 5	

Activation Laboratories Ltd. Report: A11-5024

Quality Control		
Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Detection Limit	5	0.03
Analysis Method	FA-AA	FA-GRA
OKJ68 Meas	2410	
OKJ68 Cert	2342.000	
OKJ68 Meas	2380	
OKJ68 Cert	2342.000	
OKJ68 Meas	2450	
OKJ68 Cert	2342.000	
OxG83 Meas	1020	1.09
OxG83 Cert	1000	1.00
OxG83 Meas	1030	
OxG83 Cert	1000	
OxG83 Meas	1040	
OxG83 Cert	1000	
895608 Orig	60	
895608 Dup	61	
895618 Orig	52	
895618 Dup	50	
895628 Orig	125	
895628 Split	147	
895628 Orig	121	
895628 Dup	129	
895643 Orig	24	
895643 Dup	26	
895648 Orig	176	
895648 Split	137	
895653 Orig	11	
895653 Dup	11	
895658 Orig	24	
895658 Split	25	
895663 Orig	74	
895663 Dup	74	

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 06-May-11
Invoice No.: A11-3691
Invoice Date: 31-May-11
Your Reference: Misehkow River

Jiminex Inc.
RR#1
Pass Lake Ontario P0T2M0
Canada

ATTN: Jim Parres

CERTIFICATE OF ANALYSIS

56 Rock samples were submitted for analysis.

The following analytical packages were requested:
Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1A3-Tbay Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)
Code 1A4 (100mesh)-Tbay Au-Fire Assay-Metallic Screen-500g

REPORT **A11-3691**

Notes:
A representative 500 gram split is seived at 100 mesh (149 micron) with assays performed on the entire +100 mesh and 2 splits of the -100 mesh fraction. A final assay is calculated based on the weight of each fraction.
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. **Report: A11-3691**

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Detection Limit	5	0.03	0.07	0.07	0.07	0.07			
Analysis Method	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
895501			< 0.07	< 0.07	< 0.07	< 0.07	15.78	767.20	782.98
895502	< 5								
895503	< 5								
895504	< 5								
895505	< 5								
895506	42								
895507	26								
895508	42								
895509	24								
895510	19								
895511	25								
895512	< 5								
895513	< 5								
895514	> 3000	10.5							
895515	203								
895516			5.53	6.27	6.92	6.54	21.90	378.30	400.20
895517			317	112	116	116	6.660	529.00	535.66
895518	5								
895519	> 3000	56.9							
895520	38								
895521	9								
895522	8								
895523	13								
895524	1890								
895525	227								
895526	< 5								
895527			18.2	18.6	19.3	18.9	16.99	526.60	543.59
895528	> 3000	42.2							
895529	9								
895530	15								
895531	25								
895532	16								
878527	319								
878528	< 5								
878529	< 5								
878530	30								
878531	70								
878532			0.13	0.17	0.17	0.16	22.27	467.30	489.57
878533	35								
878534	8								
878535	1010								
878536	130								
878537			6.37	5.87	5.49	5.69	9.730	670.60	680.33
878538			< 0.07	< 0.07	< 0.07	< 0.07	10.50	472.50	483.00
878539	15								
878540	7								
878541	6								
878542	< 5								
878543	< 5								
878544	< 5								
878545	5								

Activation Laboratories Ltd. **Report: A11-3691**

Analyte Symbol	Au	Au	Au + 100 mesh	Au - 100 mesh (A)	Au - 100 mesh (B)	Total Au	+ 100 mesh	- 100 mesh	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g/mt	g/mt	g/mt	g	g	g
Detection Limit	5	0.03	0.07	0.07	0.07	0.07			
Analysis Method	FA-AA	FA-GRA	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT	FA-MeT
878546	< 5								
878547	7								
878548	17								
878549	< 5								
878550	< 5								

Page 3 of 4

Activation Laboratories Ltd. Report: A11-3691

Quality Control				
Analyte Symbol	Au	Au	Total Au	Total Weight
Unit Symbol	ppb	g/tonne	g/mt	g
Detection Limit	5	0.03	0.07	
Analysis Method	FA-AA	FA-GRA	FA-MeT	FA-MeT
OxJ64 Meas	2570			
OxJ64 Cert	2366.00			
CDN-GS-7A Meas			6.97	
CDN-GS-7A Cert			7.20	
CDN-GS-20A Meas		21.6		
CDN-GS-20A Cert		21.12		
CDN-GS-20A Meas		21.4		
CDN-GS-20A Cert		21.12		
CDN-GS-5E Meas		4.61		
CDN-GS-5E Cert		4.83		
CDN-GS-5E Meas		5.07		
CDN-GS-5E Cert		4.83		
OxG83 Meas	1020			
OxG83 Cert	1000			
OxG83 Meas	966			
OxG83 Cert	1000			
895511 Orig	28			
895511 Dup	21			
895523 Orig	12			
895523 Dup	14			
895530 Orig	15			
895530 Split	13			
878528 Orig	< 5			
878528 Dup	< 5			
878544 Orig	< 5			
878544 Split	6			
878546 Orig	< 5			
878546 Dup	< 5			
Method Blank Method Blank				0.00000

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 04-Oct-11
Invoice No.: A11-11460
Invoice Date: 02-Nov-11
Your Reference: Misehkow River

Jiminex Inc.
RR#1
Pass Lake Ontario P0T2M0
Canada

ATTN: Jim Parres

CERTIFICATE OF ANALYSIS

220 Rock samples were submitted for analysis.

The following analytical packages were requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1A3-Tbay Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)

REPORT **A11-11460**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Only half of samples are received. Advised to put all samples into one work order.

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
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Accrédité CCN

ACTIVATION LABORATORIES LTD.

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. **Report: A11-11460**

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Detection Limit	5	0.03
Analysis Method	FA-AA	FA-GRA
895731	6	
895732	< 5	
895733	12	
895734	< 5	
895736	13	
895737	< 5	
895738	5	
895739	< 5	
895741	< 5	
895742	< 5	
895743	< 5	
895744	< 5	
895746	< 5	
895747	8	
895748	< 5	
895749	< 5	
895750	< 5	
895751	< 5	
895752	< 5	
895753	< 5	
895754	63	
895756	17	
895757	< 5	
895758	232	
895759	< 5	
895761	< 5	
895762	< 5	
895763	< 5	
895764	< 5	
895766	< 5	
895767	< 5	
895768	< 5	
895769	< 5	
895771	< 5	
895772	16	
895773	7	
895774	6	
895775	< 5	
895776	< 5	
895777	< 5	
895778	6	
895779	12	
895781	87	
895782	6	
895783	< 5	
895784	6	
895786	25	
895787	77	
895788	10	
895789	39	
895791	< 5	
895792	< 5	

Activation Laboratories Ltd. Report: A11-11460

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Detection Limit	5	0.03
Analysis Method	FA-AA	FA-GRA
895793	27	
895794	269	
895796	< 5	
895797	< 5	
895798	< 5	
895799	< 5	
895800	< 5	
895801	< 5	
895802	9	
895803	< 5	
895804	40	
895806	14	
895807	< 5	
895808	< 5	
895809	< 5	
895811	< 5	
895812	< 5	
895813	< 5	
895814	< 5	
895816	< 5	
895817	< 5	
895818	< 5	
895819	< 5	
895821	< 5	
895822	< 5	
895823	< 5	
895824	< 5	
895825	< 5	
895826	< 5	
895827	< 5	
895828	< 5	
895829	< 5	
895831	< 5	
895832	< 5	
895833	< 5	
895834	< 5	
895836	< 5	
895837	< 5	
895838	< 5	
895839	< 5	
895841	< 5	
895842	< 5	
895843	152	
895844	787	
895846	26	
895847	< 5	
895848	12	
895849	< 5	
895850	< 5	
895851	32	
895852	840	
895853	> 3000	5.02

Activation Laboratories Ltd. Report: A11-11460

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Detection Limit	5	0.03
Analysis Method	FA-AA	FA-GRA
895854	< 5	
895856	< 5	
895857	< 5	
895858	< 5	
895859	< 5	
895861	< 5	
895862	< 5	
895863	< 5	
895864	< 5	
895866	< 5	
895867	1570	
895868	< 5	
895869	14	
895871	160	
895872	< 5	
895873	< 5	
895874	< 5	
895875	188	
895876	< 5	
895877	< 5	
895878	< 5	
895879	< 5	
895881	12	
895882	< 5	
895883	< 5	
895884	< 5	
895886	< 5	
895887	10	
895888	< 5	
895889	< 5	
895891	< 5	
895892	35	
895893	< 5	
895894	< 5	
895896	10	
895897	< 5	
895898	< 5	
895899	< 5	
895900	< 5	
895901	< 5	
895902	< 5	
895903	< 5	
895904	19	
895906	20	
895907	< 5	
895908	26	
895909	11	
895911	< 5	
895912	< 5	
895913	11	
895914	< 5	
895916	< 5	

Page 4 of 8

Activation Laboratories Ltd. **Report: A11-11460**

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Detection Limit	5	0.03
Analysis Method	FA-AA	FA-GRA
895917	< 5	
895918	< 5	
895919	< 5	
895921	< 5	
895922	< 5	
895923	< 5	
895924	17	
895925	37	
895926	< 5	
895927	22	
895928	< 5	
895929	< 5	
895931	6	
895932	148	
895933	33	
895934	< 5	
895936	64	
895937	30	
895938	< 5	
895951	155	
895952	38	
895953	< 5	
895954	< 5	
895956	< 5	
895957	< 5	
895958	133	
895959	6	
895961	< 5	
895962	< 5	
895963	< 5	
895964	< 5	
895966	< 5	
895967	121	
895968	< 5	
895969	< 5	
895971	< 5	
895972	60	
895973	< 5	
895974	< 5	
895975	< 5	
895976	< 5	
895977	< 5	
895978	< 5	
895979	< 5	
895981	< 5	
895982	12	
895983	< 5	
895984	< 5	
895986	< 5	
895987	< 5	
895988	< 5	
895989	< 5	

Activation Laboratories Ltd. Report: A11-11460

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Detection Limit	5	0.03
Analysis Method	FA-AA	FA-GRA
895991	< 5	
895992	< 5	
895993	< 5	
895994	421	
895996	94	
895997	23	
895998	243	
895999	61	
896000	< 5	

Activation Laboratories Ltd. Report: A11-11460

Quality Control		
Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Detection Limit	5	0.03
Analysis Method	FA-AA	FA-GRA
OxJ80 Meas	2350	
OxJ80 Cert	2331.000	
OxJ80 Meas	2430	
OxJ80 Cert	2331.000	
OxJ80 Meas	2390	
OxJ80 Cert	2331.000	
OxJ80 Meas	2390	
OxJ80 Cert	2331.000	
OxJ80 Meas	2380	
OxJ80 Cert	2331.000	
OxJ80 Meas	2400	
OxJ80 Cert	2331.000	
OxJ80 Meas	2330	
OxJ80 Cert	2331.000	
CDN-GS-8B Meas		7.71
CDN-GS-8B Cert		7.72
OxF85 Meas	830	
OxF85 Cert	805.000	
OxF85 Meas	808	
OxF85 Cert	805.000	
OxF85 Meas	820	
OxF85 Cert	805.000	
OxF85 Meas	802	
OxF85 Cert	805.000	
OxF85 Meas	793	
OxF85 Cert	805.000	
OxF85 Meas	812	
OxF85 Cert	805.000	
OxF85 Meas	816	
OxF85 Cert	805.000	
895742 Orig	< 5	
895742 Dup	< 5	
895753 Orig	< 5	
895753 Dup	< 5	
895762 Orig	< 5	
895762 Split	< 5	
895766 Orig	< 5	
895766 Dup	< 5	
895783 Orig	< 5	
895783 Dup	< 5	
895786 Orig	25	
895786 Split	14	
895798 Orig	< 5	
895798 Split	< 5	
895806 Orig	22	
895806 Dup	7	
895818 Orig	< 5	
895818 Dup	< 5	
895831 Orig	< 5	
895831 Dup	< 5	
895833 Orig	< 5	
895833 Split	< 5	
895843 Orig	160	
895843 Dup	144	
895846 Orig	26	
895846 Split	29	
895854 Orig	< 5	

Activation Laboratories Ltd. **Report: A11-11460**

Quality Control

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Detection Limit	5	0.03
Analysis Method	FA-AA	FA-GRA
895854 Dup	< 5	
895869 Orig	14	
895869 Split	34	
895873 Orig	< 5	
895873 Dup	< 5	
895884 Orig	< 5	
895884 Dup	< 5	
895897 Orig	< 5	
895897 Dup	< 5	
895904 Orig	19	
895904 Split	29	
895914 Orig	< 5	
895914 Dup	< 5	
895926 Orig	< 5	
895926 Dup	< 5	
895951 Orig	142	
895951 Dup	169	
895952 Orig	38	
895952 Split	44	
895969 Orig	< 5	
895969 Dup	< 5	
895976 Orig	< 5	
895976 Split	< 5	
895981 Orig	< 5	
895981 Dup	< 5	
895988 Orig	< 5	
895988 Split	< 5	
895993 Orig	< 5	
895993 Dup	< 5	

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 20-May-11
Invoice No.: A11-4334
Invoice Date: 05-Jun-11
Your Reference: Misehkow River

Jiminex Inc.
RR#1
Pass Lake Ontario P0T2M0
Canada

ATTN: Jim Parres

CERTIFICATE OF ANALYSIS

66 Rock samples were submitted for analysis.

The following analytical packages were requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1A3-Tbay Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)

REPORT **A11-4334**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY :

Eric Hoffman, Ph.D.
President/General Manager

SCC Accredited LAB 266 — LAB 266 Accrédité CCN

ACTIVATION LABORATORIES LTD.

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-4334 rev 1

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
895533	8
895534	< 5
895535	7
895536	< 5
895537	< 5
895538	6
895539	< 5
895540	< 5
895541	39
895542	19
895543	67
895544	15
895545	49
895546	44
895547	14
895548	228
895549	63
895550	31
895551	6
895552	7
895553	17
895554	< 5
895555	< 5
895556	11
895557	6
895558	< 5
895559	18
895560	9
895561	76
895562	6
895563	6
895564	13
895565	38
895566	730
895567	118
895568	2750
895569	2730
895570	116
895571	< 5
895572	20
895573	< 5
895574	6
895575	7
895576	< 5
895577	< 5
895578	11
895579	576
895580	< 5
895581	9
895582	969
895583	362
895584	263

Activation Laboratories Ltd. Report: A11-4334 rev 1

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
895585	7
895586	18
895587	21
895588	68
895589	3600
895590	161
895591	19
895592	2400
895593	1370
895594	5
895595	6
895596	7
895597	< 5
895598	6

Activation Laboratories Ltd. Report: A11-4334 rev 1

Quality Control

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
OXJ68 Meas	2310
OXJ68 Cert	2342.000
OxG83 Meas	1010
OxG83 Cert	1000
OxG83 Meas	1010
OxG83 Cert	1000
895542 Orig	13
895542 Dup	24
895552 Orig	7
895552 Dup	7
895562 Orig	6
895562 Split	9
895562 Orig	7
895562 Dup	6
895577 Orig	< 5
895577 Dup	< 5
895587 Orig	22
895587 Dup	21
895592 Orig	2400
895592 Split	2290
895597 Orig	< 5
895597 Dup	< 5

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 26-Apr-11
Invoice No.: A11-3340
Invoice Date: 06-May-11
Your Reference: Misehkow River

Jiminex Inc.
RR#1
Pass Lake Ontario P0T2M0
Canada

ATTN: Jim Parres

CERTIFICATE OF ANALYSIS

19 Rock samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A11-3340**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. **Report: A11-3340**

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
878508	679
878509	824
878510	15
878511	13
878512	11
878513	< 5
878514	13
878515	13
878516	13
878517	767
878518	391
878519	8
878520	27
878521	11
878522	8
878523	7
878524	30
878525	16
878526	16

Activation Laboratories Ltd. **Report: A11-3340**

Quality Control

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
oxH55 Meas	1330
oxH55 Cert	1282.00
oxH55 Meas	1360
oxH55 Cert	1282.00
878517 Orig	773
878517 Dup	762
878525 Orig	16
878525 Split	19

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 06-Sep-11
Invoice No.: A11-9868
Invoice Date: 28-Sep-11
Your Reference: Misehkow River

Jiminex Inc.
RR#1
Pass Lake Ontario P0T2M0
Canada

ATTN: Jim Parres

CERTIFICATE OF ANALYSIS

31 Rock samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A11-9868**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A11-9868

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
895668	< 5
895669	5
895670	10
895671	< 5
895672	< 5
895673	< 5
895674	427
895675	11
895676	14
895677	25
895678	7
895679	472
895680	10
895681	1280
895682	9
895683	103
895684	128
895685	< 5
895686	14
895939	430
895940	14
895941	20
895942	< 5
895943	< 5
895944	< 5
895945	< 5
895946	9
895947	< 5
895948	< 5
895949	< 5
895950	< 5

Activation Laboratories Ltd. Report: A11-9868

Quality Control

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
OxG84 Meas	904
OxG84 Cert	922.000
OxJ80 Meas	2350
OxJ80 Cert	2331.000
895677 Orig	30
895677 Dup	21
895939 Orig	409
895939 Dup	452
895949 Orig	< 5
895949 Split	< 5
895949 Orig	< 5
895949 Dup	< 5

Quality Analysis ... **Actlabs** *Innovative Technologies*

Date Submitted: 05-Apr-11
Invoice No.: A11-2627
Invoice Date: 19-Apr-11
Your Reference: Misehkow River

Jiminex Inc.
661 Grann Drive
Pass Lake Ontario P0T2M0
Canada

ATTN: Jim [Invoices]Parres

CERTIFICATE OF ANALYSIS

1 Core sample was submitted for analysis.

The following analytical packages were requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)

REPORT **A11-2627**

Notes:
Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
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LAB 266
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. **Report: A11-2627**

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg	Ir
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1	5
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
W878501	56	< 0.3	60	1.4	< 1	3	254	86	18.7	2.63	222	390	< 1	< 2	< 0.5	3.16	67	684	2	0.4	23.0	< 1	< 1	< 5

Activation Laboratories Ltd. **Report: A11-2627**

Analyte Symbol	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb	Yb
Unit Symbol	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Detection Limit	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1	0.01	0.5	0.2
Analysis Method	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
W878501	0.67	2.48	2350	1.13	0.010	< 15	0.4	14.0	< 3	39	< 0.5	0.14	< 0.2	< 0.5	86	< 1	4	2.3	6	< 5	0.8	< 0.01	< 0.5	0.8

Activation Laboratories Ltd. **Report: A11-2627**

Analyte Symbol	Lu	Mass	Au
Unit Symbol	ppm	g	ppb
Detection Limit	0.05		5
Analysis Method	INAA	INAA	FA-AA
W878501	0.10	38.5	59

Activation Laboratories Ltd. **Report: A11-2627**

Quality Control																							
Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Detection Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01
Analysis Method	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas		31.1		1170	3.3	15	705	39		713		0.23	1.56			1	1370		0.95					
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960					
DNC-1 Meas				98				225		53														
DNC-1 Cert				100.0				247		70.0														
GXR-4 Meas		3.6		5930	0.6	311	45	46		70		1.72	2.60			2	14		1.01					
GXR-4 Cert		4.00		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01					
SDC-1 Meas		< 0.3		29	0.4	< 1	20	34		99		0.06	5.86			3	< 2		1.20					
SDC-1 Cert		0.0410		30.0	0.0800	0.250	25.0	38.0		103		0.0650	8.34			3.00	2.60		1.00					
SCO-1 Meas		0.7		27	0.4	< 1	25	28		97			5.13			2	< 2		2.12					
SCO-1 Cert		0.134		28.7	0.140	1.37	31.0	27.0		103			7.24			1.84	0.370		1.87					
GXR-6 Meas		0.6		69	0.6	1	91	26		130		0.02	7.35			1	< 2		0.21					
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180					
CDN-GS-20A Meas																								
CDN-GS-20A Cert																								
CREAS 13b (4-Acid) Meas		1.0		2400		9		2050		124		1.10												
CREAS 13b (4-Acid) Cert		0.86		2327		9.0		2247		133		1.20												
DMMAS 112 Meas	1760													1980	1270					46	74			3.55
DMMAS 112 Cert	1721													1862	1288					43	80			3.34
W878501 Orig																								
W878501 Dup																								
Method Blank Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2	< 0.01
Method Blank Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01					

Activation Laboratories Ltd. Report: A11-2627

Quality Control																							
Analyte Symbol	Hf	Hg	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppm	ppm	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	1	1	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Analysis Method	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
GXR-1 Meas				0.08	0.21	855		0.061					291					88		28				
GXR-1 Cert				0.0500	0.217	852		0.0650					275					80.0		32.0				
DNC-1 Meas													128					142		14				
DNC-1 Cert													144.0					148.0		18.0				
GXR-4 Meas				2.97	1.36	153		0.134					170					94		7				
GXR-4 Cert				4.01	1.66	155		0.120					221					87.0		14.0				
SDC-1 Meas				2.44	1.03	899		0.058					175		0.22			55		33				
SDC-1 Cert				2.72	1.02	883		0.0690					183		0.606			102		40.0				
SCO-1 Meas				2.92	1.63	394		0.090					163		0.36			137		19				
SCO-1 Cert				2.30	1.64	410		0.0900					174		0.380			131		26.0				
GXR-6 Meas				2.08	0.44	1120		0.034					37					212		7				
GXR-6 Cert				1.87	0.609	1010		0.0350					35.0					186		14.0				
CDN-GS-20A Meas																								
CDN-GS-20A Cert																								
OREAS 13b (4-Acid) Meas																								
OREAS 13b (4-Acid) Cert																								
DMMAS 112 Meas							2.26				7.3						17.8				17.8	24		2.7
DMMAS 112 Cert							2.05				7.17						17.84				15.92	26.56		2.34
W678501 Orig																								
W678501 Dup																								
Method Blank Method Blank	< 1	< 1	< 5				< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5	< 3	< 5	< 0.1
Method Blank Method Blank				< 0.01	< 0.01	9		< 0.001					< 1		< 0.01			< 2		< 1				

Activation Laboratories Ltd. **Report: A11-2627**

Quality Control

Analyte Symbol	Sn	Tb	Yb	Lu	Mass	Au
Unit Symbol	%	ppm	ppm	ppm	g	ppb
Detection Limit	0.01	0.5	0.2	0.05		5
Analysis Method	INAA	INAA	INAA	INAA	INAA	FA-AA
GXR-1 Meas						
GXR-1 Cert						
DNC-1 Meas						
DNC-1 Cert						
GXR-4 Meas						
GXR-4 Cert						
SDC-1 Meas						
SDC-1 Cert						
SCO-1 Meas						
SCO-1 Cert						
GXR-6 Meas						
GXR-6 Cert						
CDN-GS-20A Meas						> 3000
CDN-GS-20A Cert						21120.00
OREAS 13b (4-Acid) Meas						
OREAS 13b (4-Acid) Cert						
DMMAS 112 Meas						
DMMAS 112 Cert						
W878501 Orig						62
W878501 Dup						56
Method Blank Method Blank	< 0.01	< 0.5	< 0.2	< 0.05	30.0	
Method Blank Method Blank						

Page 7 of 7

Quality Analysis ... Actlabs *Innovative Technologies*

Date Submitted: 19-Apr-11
Invoice No.: A11-3174
Invoice Date: 27-Apr-11
Your Reference:

Jiminex Inc.
661 Grann Drive
Pass Lake Ontario P0T2M0
Canada

ATTN: Jim [Invoices]Parres

CERTIFICATE OF ANALYSIS

6 Core samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A11-3174**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. **Report: A11-3174**

Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
878502	20
878503	< 5
878504	151
878505	< 5
878506	< 5
878507	< 5

Activation Laboratories Ltd. Report: A11-3174

Quality Control	
Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	5
Analysis Method	FA-AA
oxH55 Meas	1390
oxH55 Cert	1282.00
878507 Orig	< 5
878507 Split	< 5

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Canada P7B 5X5
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Fax: (807) 622-7571
www.accurassay.com
assay@accurassay.com

Monday, October 3, 2011

Certificate of Analysis

Jiminex Inc.
RR #1 661 Grann Drive
Pass Lake, ON, CAN
P0T 2M0
Ph#: (807) 977-1679
Fax#: (807) 977-1769
Email: jiminex@xplornet.com, alwilly@jiminex.com

Date Received: 05/13/2010
Date Completed: 05/18/2010
Job #: 201041838
Reference:
Sample #: 1

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
126936	MK001	0.010	<1	6.01	3	61	2	6	3.73	10	TBA	49	162	139	9.64	TBA	TBA	TBA	TBA	1.54	TBA	19	1.67	1122	<1	TBA	28	1966	23	TBA	<5	TBA	<5	<10	57	TBA	TBA	TBA	1704	239	374	<10	35	69	TBA
126937D	MK001	0.007	<1	7.23	<2	72	3	18	4.15	11	TBA	51	163	149	10.64	TBA	TBA	TBA	TBA	1.74	TBA	21	1.84	1264	<1	TBA	30	2081	23	TBA	<5	TBA	<5	<10	76	TBA	TBA	TBA	2587	484	415	<10	38	77	TBA

PROCEDURE CODES: ALP1, ALFA1, ALMA2

Certified By: Jason Moore, General Manager

-0847-10/03/2011 9:49 AM

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Monday, October 3, 2011

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P0T 2M0
Ph#: (807) 977-1679
Fax#: (807) 977-1769
Email: jiminex@xplornet.com, alwilly@jiminex.com

Date Received: 05/28/2010
Date Completed: 06/04/2010
Job #: 201042051
Reference:
Sample #: 8

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
143118	MIL-002	0.014	<1	6.79	107	119	2	26	1.89	<4	42	420	50	7.91	1.50	31	1.54	1490	2	167	2195	15	<5	<5	<10	210	469	6	139	<10	13	127
143119	MIL-003	0.033	<1	7.46	2	108	2	38	1.50	<4	37	178	36	7.54	1.52	37	1.16	783	<1	67	3330	12	<5	<5	<10	163	846	5	162	<10	14	122
143120	MIL-004	0.015	<1	5.53	<2	49	2	23	4.16	<4	37	73	74	8.35	1.11	18	1.85	1026	<1	30	402	12	<5	<5	<10	64	2397	4	333	<10	27	188
143121	MIL-005	0.009	<1	7.49	<2	44	<2	14	4.73	<4	34	119	49	6.67	1.60	22	1.90	915	<1	28	1873	11	<5	<5	<10	83	1475	6	334	<10	18	81
143122	MIL-006	0.009	<1	7.34	11	56	2	34	4.39	<4	50	128	141	9.29	1.45	27	2.14	1181	2	38	1919	13	<5	<5	<10	74	1998	6	589	<10	26	111
143123	Jim No1	0.016	<1	5.85	<2	41	<2	16	3.17	<4	31	202	46	4.86	1.41	25	2.84	707	<1	130	2044	7	<5	6	<10	39	1393	12	132	<10	12	76
143124D	Jim No1	0.012	<1	6.10	<2	43	<2	<1	3.35	<4	34	212	48	5.13	1.47	26	3.01	752	<1	139	2520	7	<5	<5	<10	43	1493	5	137	<10	13	85
143125	Phil No1	0.012	<1	7.29	4	77	2	28	2.89	<4	44	254	106	7.84	1.78	36	2.42	789	3	59	2459	12	5	<5	<10	65	1638	5	405	<10	17	113
143126	Phil No2	0.005	<1	5.97	<2	94	<2	16	1.31	<4	20	554	40	2.66	1.84	24	0.95	319	2	46	146	7	<5	<5	<10	55	1604	5	177	<10	8	15

PROCEDURE CODES: ALP1, ALFA1, ALMA1

Certified By: Jason Moore, General Manager

-0847-10/03/2011 9:49 AM

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Monday, October 3, 2011

Certificate of Analysis

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Date Received: 05/31/2010
Date Completed: 06/08/2010
Job #: 201042076
Reference:
Sample #: 2

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
144660	MK007	0.347	<1	7.32	231	68	<2	<1	0.81	23	47	121	255	20.93	1.47	24	0.78	7405	8	169	1695	19	3.07	<5	<5	<10	90	612	7	32	<10	13	122
144661	MK008	0.019	<1	>10.00	8	139	<2	<1	5.92	16	67	196	51	14.34	1.65	37	2.52	1927	3	18	1310	6	0.32	<5	<5	<10	115	7643	6	629	<10	43	175
144662D	MK008	0.018	<1	>10.00	5	148	<2	<1	5.98	16	70	191	49	14.26	1.67	39	2.53	1877	3	18	1287	15	0.33	<5	<5	<10	121	8397	13	635	<10	43	172

PROCEDURE CODES: ALP1, ALFA1, ALMA1, ALMA2

Certified By: Jason Moore, General Manager

The results included on this report relate only to the items tested
The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

-0847-10/03/2011 9:50 AM

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Monday, October 3, 2011

Certificate of Analysis

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Fax#: (807) 977-1769
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Date Received: 06/24/2010
Date Completed: 07/08/2010
Job #: 201042413
Reference:
Sample #: 30

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
170317	MK-009	<0.005	<1	2.77	<2	41	6	<2	7	2.14	<4	28	180	58	4.63	0.05	15	2.03	770	<1	0.14	55	200	2	45	<5	0.14	<10	17	1617	4	124	<10	6	63
170318	MK-010	<0.005	<1	2.37	<2	40	4	<2	<1	1.96	<4	25	153	69	4.18	0.04	12	1.72	597	<1	0.10	39	212	3	41	<5	0.13	<10	12	1117	3	103	<10	5	57
170319	MK-011	<0.005	<1	0.40	<2	36	2	<2	<1	0.21	<4	2	342	4	1.14	<0.01	3	0.25	126	<1	0.03	7	<100	<1	11	<5	0.03	<10	<3	173	<2	50	<10	2	20
170320	MK-012	<0.005	<1	2.75	4	47	131	<2	18	2.29	5	51	124	136	10.71	0.27	12	1.53	839	<1	0.10	22	527	10	105	<5	0.14	<10	20	2415	5	502	<10	21	136
170321	MK-013	0.007	<1	3.11	2	43	308	2	13	2.55	4	48	62	185	9.11	0.66	17	1.77	933	<1	0.11	23	394	5	88	<5	0.15	<10	20	2716	2	527	<10	13	151
170322	MK-014	0.006	<1	2.21	3	51	13	<2	9	2.86	<4	33	105	13	7.47	0.07	8	1.07	858	<1	0.16	7	485	5	72	<5	0.12	<10	22	2412	2	271	<10	15	91
170323	MK-015	0.006	<1	2.44	4	51	6	<2	16	2.65	<4	44	66	42	8.19	0.03	10	1.32	847	<1	0.13	10	342	6	81	<5	0.11	<10	19	2299	2	377	<10	13	107
170324	MK-016	<0.005	<1	2.13	<2	43	14	<2	5	1.89	<4	37	126	120	6.79	0.08	9	1.14	648	<1	0.17	14	268	4	66	<5	0.07	<10	13	2996	2	385	<10	12	78
170325	MK-017	0.006	<1	2.33	2	46	35	<2	4	2.91	<4	28	55	84	5.43	0.13	11	1.11	735	<1	0.20	14	253	2	52	<5	0.09	<10	16	2449	<2	273	<10	10	65
170326	MK-018	<0.005	<1	3.83	<2	50	11	<2	25	3.55	6	53	131	71	11.95	0.06	16	1.96	1133	<1	0.12	15	587	8	115	<5	0.15	<10	11	4166	7	393	<10	13	104
170327D	MK-018	<0.005	<1	3.10	2	44	8	<2	14	2.84	5	44	109	58	9.90	0.04	13	1.65	901	<1	0.09	12	482	7	95	<5	0.14	<10	8	3177	<2	306	<10	10	83
170328	MK-019	<0.005	<1	2.51	<2	45	9	<2	3	2.43	<4	26	65	86	4.43	0.06	12	1.72	719	<1	0.13	27	143	3	42	<5	0.12	<10	19	1691	<2	111	<10	5	65
170329	MK-020	0.007	<1	2.55	4	48	137	<2	10	3.37	<4	35	87	80	5.98	0.29	15	1.04	900	<1	0.16	19	158	3	58	<5	0.08	<10	15	3586	<2	446	<10	8	74
170330	MK-021	0.008	<1	3.63	4	41	7	<2	10	2.87	<4	40	61	242	6.41	0.04	23	2.59	854	<1	0.06	41	179	<1	63	<5	0.09	<10	16	1397	2	181	<10	4	91
170331	MK-022	<0.005	<1	2.26	2	49	18	<2	10	2.67	<4	37	108	30	7.80	0.06	8	1.13	844	<1	0.16	13	366	5	76	<5	0.09	<10	16	2581	4	376	<10	13	90
170332	MK-023	0.005	<1	2.16	<2	44	58	<2	7	2.57	<4	35	84	49	6.81	0.14	8	1.01	868	<1	0.19	7	533	3	68	<5	0.07	<10	14	2114	<2	232	<10	16	76
170333	MK-024	0.008	<1	1.18	14	33	19	<2	11	1.68	<4	27	117	12	5.17	0.08	6	0.45	513	<1	0.14	3	448	6	50	<5	0.08	<10	13	1938	<2	68	<10	19	56
170334	MK-025	<0.005	<1	2.08	3	35	11	<2	9	1.66	<4	17	75	2	7.90	<0.01	11	0.55	969	<1	0.04	<1	2876	4	79	<5	0.08	<10	14	1077	<2	2	<10	27	85
170335	MK-026	0.006	<1	2.90	10	45	19	2	20	2.14	5	34	132	19	10.71	0.06	11	0.82	773	<1	0.18	3	4888	8	105	<5	0.12	<10	15	1523	8	2	<10	47	116
170336	MK-027	0.005	<1	3.01	<2	42	11	<2	7	3.31	<4	14	81	81	3.27	1.02	10	1.82	1063	<1	0.05	48	891	5	30	<5	0.03	<10	64	1371	<2	46	<10	10	67

PROCEDURE CODES: ALP1, ALFA1, ALAR1

Certified By: Jason Moore, General Manager

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Monday, October 3, 2011

Certificate of Analysis

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Date Received: 06/24/2010
Date Completed: 07/08/2010
Job #: 201042413
Reference:
Sample #: 30

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
170337	MK-028	0.005	<1	0.61	<2	38	6	<2	<1	0.03	<4	<1	335	5	0.61	0.12	3	0.04	116	2	0.02	8	<100	<1	6	<5	0.02	<10	18	<100	<2	<2	<10	4	18
170338D	MK-028	0.007	<1	0.60	2	38	6	<2	<1	0.02	<4	<1	329	5	0.59	0.12	3	0.04	113	2	0.02	7	<100	3	6	<5	0.02	<10	18	<100	<2	<2	<10	3	16
170339	MK-029	0.006	<1	1.81	15	42	11	<2	<1	0.12	<4	2	154	24	2.44	0.09	6	0.47	881	<1	0.02	12	446	20	26	<5	0.07	<10	14	<100	<2	26	<10	2	87
170340	MK-030	0.007	<1	2.89	20	47	5	<2	9	1.62	<4	35	186	151	4.52	0.02	13	2.22	620	<1	0.06	63	177	2	46	<5	0.11	<10	17	1312	4	90	<10	4	75
170341	MK-031	0.011	<1	0.57	234	33	12	<2	<1	0.03	<4	5	225	32	1.39	0.05	4	0.13	<100	<1	0.06	10	<100	3	15	<5	0.03	<10	4	<100	<2	12	<10	2	27
170342	MK-032	0.006	<1	3.50	5	36	11	<2	<1	0.74	<4	5	70	3	3.21	0.06	28	1.23	965	<1	0.04	9	537	4	33	<5	0.08	<10	24	<100	<2	36	<10	2	68
170343	MK-033	0.006	<1	0.75	3	32	13	<2	<1	0.09	<4	<1	170	3	0.69	0.08	5	0.14	101	<1	0.02	3	235	<1	8	<5	0.03	<10	7	<100	<2	5	<10	2	17
170344	MK-034	0.008	<1	4.12	19	37	8	<2	20	3.59	<4	51	283	14	8.36	<0.01	31	3.85	1563	<1	0.02	188	232	9	81	<5	0.05	<10	13	257	<2	222	<10	5	127
170345	MK-035	0.022	<1	2.16	233	38	3	<2	<1	0.10	<4	21	269	71	3.26	<0.01	7	0.46	399	3	0.02	59	183	<1	34	<5	0.06	<10	<3	<100	<2	49	<10	3	77
170346	MK-036	0.017	<1	1.49	34	42	20	<2	<1	0.36	<4	19	372	58	4.06	0.10	11	0.76	541	<1	0.03	43	156	5	41	<5	0.07	<10	7	<100	<2	29	<10	3	111
170347	MK-037	0.018	<1	0.20	32	49	27	<2	<1	<0.01	<4	<1	622	5	0.75	0.09	2	<0.01	<100	<1	0.04	9	<100	5	8	<5	0.02	<10	6	<100	<2	<2	<10	<2	20
170348	MK-038	0.061	<1	1.25	213	41	29	<2	<1	<0.01	<4	<1	262	54	4.19	0.14	12	0.68	410	3	0.04	6	<100	14	43	<5	0.05	<10	10	163	<2	30	<10	<2	92

PROCEDURE CODES: ALP1, ALFA1, ALAR1

Certified By: Jason Moore, General Manager

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Monday, October 3, 2011

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Date Received: 08/04/2010
Date Completed: 08/16/2010
Job #: 201042969
Reference:
Sample #: 63

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
205945	MK039	<0.005	<1	5.64	<2	12	23	<2	38	1.94	7	32	183	48	6.23	0.33	36	2.41	940	<1	0.14	149	259	<1	6	<5	0.02	<10	24	940	18	105	<10	4	66
205946	MK040	0.018	<1	0.10	2	11	3	<2	39	0.07	10	<1	157	11	9.04	<0.01	2	0.07	182	10	<0.01	<1	248	17	7	<5	<0.01	<10	5	<100	9	17	<10	<2	22
205947	MK041	0.018	<1	0.02	4	11	<1	<2	22	0.04	<4	8	219	14	2.05	<0.01	<1	0.04	117	3	<0.01	<1	<100	4	<5	<5	<0.01	<10	4	<100	8	5	<10	<2	9
205948	MK042	0.058	<1	0.04	13	11	<1	<2	17	0.02	<4	5	284	7	1.00	<0.01	<1	0.02	219	2	<0.01	<1	<100	<1	<5	<5	<0.01	<10	4	<100	<2	2	<10	<2	4
205949	MK043	<0.005	<1	2.08	4	11	283	<2	8	1.14	<4	19	143	18	3.00	0.87	20	1.68	489	<1	0.08	25	375	<1	<5	<5	0.02	<10	40	2387	10	56	<10	4	74
205950	MK044	0.022	<1	0.16	17	<10	24	<2	21	<0.01	<4	<1	245	3	0.64	0.08	2	<0.01	<100	2	0.03	<1	<100	2	6	<5	<0.01	<10	7	<100	7	2	<10	<2	<1
205951	MK045	<0.005	<1	1.29	2	<10	9	<2	20	0.34	<4	2	103	<1	0.77	0.04	18	0.37	<100	<1	0.07	<1	687	<1	<5	<5	<0.01	<10	16	<100	13	15	<10	2	9
205952	MK046	<0.005	<1	1.14	<2	10	16	<2	25	1.67	<4	14	67	23	3.18	0.14	18	1.04	582	<1	0.04	16	656	4	5	<5	<0.01	<10	13	485	7	38	<10	8	70
205953	MK047	<0.005	<1	1.50	<2	12	177	<2	26	0.65	<4	14	88	24	2.65	0.65	24	1.20	300	<1	0.08	<1	622	3	<5	<5	<0.01	<10	29	1310	12	57	<10	5	60
205954	MK048	<0.005	<1	3.47	3	11	6	<2	20	1.95	6	30	88	86	5.49	<0.01	22	2.36	687	<1	0.02	19	245	2	5	<5	<0.01	<10	13	549	9	147	<10	4	69
205955D	MK048	<0.005	<1	3.55	<2	10	6	<2	21	1.95	6	30	89	86	5.60	<0.01	22	2.36	681	<1	0.02	21	238	4	6	<5	<0.01	<10	13	507	12	149	<10	4	70
205956	MK049	<0.005	<1	2.87	<2	12	19	<2	24	>10.00	6	22	231	28	5.34	0.06	36	3.01	1968	<1	0.02	51	1854	3	7	<5	<0.01	<10	117	288	21	67	<10	12	73
205957	MK050	<0.005	<1	1.28	34	10	23	<2	23	0.13	<4	<1	85	<1	1.28	0.03	8	0.06	264	4	0.04	<1	119	<1	<5	5	<0.01	<10	18	133	3	23	<10	2	16
205958	MK051	<0.005	<1	0.86	17	11	19	<2	29	0.08	<4	6	156	12	1.75	0.06	9	0.35	143	<1	0.03	<1	115	3	5	<5	<0.01	<10	10	172	7	12	<10	2	41
205959	MK052	0.125	<1	0.10	12	12	13	<2	21	0.05	<4	3	228	9	0.85	0.03	2	<0.01	<100	2	0.02	<1	<100	2	<5	<5	<0.01	<10	6	<100	10	<2	<10	<2	20
205960	MK053	<0.005	<1	0.13	10	11	22	<2	15	0.04	<4	3	270	8	0.72	0.04	2	<0.01	217	<1	0.02	4	<100	<1	<5	<5	<0.01	<10	6	<100	9	<2	<10	<2	11
205961	MK054	<0.005	<1	1.57	69	11	30	<2	31	0.16	4	19	128	59	3.72	0.11	15	0.72	448	3	0.03	22	205	6	<5	<5	<0.01	<10	12	270	6	34	<10	5	109
205962	MK055	0.014	<1	0.18	106	11	34	<2	31	0.27	<4	36	206	85	2.97	0.10	2	0.11	154	6	0.02	36	<100	9	6	<5	<0.01	<10	12	<100	11	5	<10	2	11
205963	MK056	0.005	<1	0.28	74	11	22	<2	24	<0.01	<4	2	266	12	1.00	0.11	2	0.03	<100	3	0.04	<1	<100	3	<5	<5	<0.01	<10	12	143	12	5	<10	2	7
205964	MK057	0.008	<1	0.74	40	12	45	<2	29	0.12	<4	6	142	20	1.37	0.12	10	0.42	147	2	0.04	11	214	3	<5	<5	<0.01	<10	14	<100	11	12	<10	2	26

PROCEDURE CODES: ALP1, ALFA1, ALAR1

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Date Received: 08/04/2010
Date Completed: 08/16/2010
Job #: 201042969
Reference:
Sample #: 63

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
205965	MK058	<0.005	<1	0.76	86	<10	27	<2	22	0.02	<4	4	166	21	1.93	0.15	7	0.26	124	3	0.04	<1	149	6	<5	<5	<0.01	<10	16	266	12	13	<10	3	46
205966D	MK058	<0.005	<1	0.83	96	11	29	<2	19	0.02	<4	5	177	21	2.11	0.16	7	0.29	134	3	0.04	<1	164	7	<5	5	<0.01	<10	17	282	6	14	<10	3	51
205967	MK059	<0.005	<1	2.12	263	10	25	<2	31	0.19	6	20	125	32	5.18	0.08	17	0.61	808	5	0.06	63	870	8	5	<5	<0.01	<10	15	<100	6	64	<10	6	107
205968	MK060	<0.005	<1	0.85	42	<10	27	<2	22	<0.01	<4	2	62	20	1.54	0.15	8	0.33	120	3	0.04	<1	<100	2	<5	<5	<0.01	<10	16	<100	4	13	<10	2	25
205969	MK061	<0.005	<1	0.99	47	<10	22	<2	17	<0.01	<4	2	70	26	2.24	0.12	9	0.46	139	4	0.03	<1	<100	4	<5	<5	<0.01	<10	14	<100	5	22	<10	<2	36
205970	MK062	0.013	<1	0.26	44	<10	41	<2	13	<0.01	<4	4	209	27	1.14	0.12	3	0.04	<100	3	0.04	<1	<100	4	<5	<5	<0.01	<10	16	<100	9	5	<10	2	4
205971	MK063	0.016	<1	0.10	85	<10	19	<2	24	<0.01	<4	2	203	8	0.82	0.06	2	<0.01	<100	3	0.02	<1	<100	2	5	<5	<0.01	<10	10	<100	8	3	<10	<2	5
205972	MK064	0.038	<1	1.67	197	<10	43	<2	34	0.07	4	6	144	46	4.08	0.14	10	0.42	253	8	0.08	20	468	9	6	<5	<0.01	<10	36	213	7	33	<10	5	65
205973	MK065	<0.005	<1	0.69	25	<10	23	<2	22	<0.01	<4	5	57	38	1.29	0.15	7	0.31	<100	<1	0.03	<1	<100	2	<5	<5	<0.01	<10	13	<100	6	9	<10	2	33
205974	MK066	<0.005	<1	2.11	111	<10	30	<2	19	0.72	5	18	96	11	4.72	0.10	18	0.86	639	3	0.04	82	773	7	5	<5	<0.01	<10	23	144	10	39	<10	6	87
205975	MK067	<0.005	<1	1.73	38	<10	30	<2	23	0.52	4	13	98	34	3.96	0.11	18	1.03	337	3	0.04	13	643	8	6	<5	<0.01	<10	18	245	10	38	<10	5	115
205976	MK068	0.025	<1	4.19	83	<10	30	<2	50	0.98	12	51	176	55	10.18	0.08	21	1.18	1286	8	0.03	235	728	13	6	<5	<0.01	<10	19	710	10	137	<10	11	151
205977D	MK068	0.029	<1	4.31	92	11	32	<2	46	1.02	12	53	182	57	10.53	0.08	21	1.22	1375	9	0.03	241	759	13	8	<5	<0.01	<10	20	806	13	140	<10	11	157
205978	MK069	<0.005	<1	0.20	25	<10	22	<2	20	<0.01	<4	<1	162	6	0.49	0.09	2	<0.01	<100	3	0.04	<1	<100	2	<5	5	<0.01	<10	13	<100	8	4	<10	<2	<1
205979	MK070	0.016	<1	0.12	14	10	14	<2	29	<0.01	<4	<1	212	4	0.49	0.06	2	<0.01	<100	<1	0.02	<1	<100	2	<5	<5	<0.01	<10	6	<100	9	<2	<10	<2	4
205980	MK071	<0.005	<1	4.49	10	12	12	<2	46	2.37	8	43	175	189	7.17	<0.01	38	3.41	985	<1	0.02	168	197	3	7	<5	0.02	<10	14	109	17	174	<10	4	101
205981	MK072	<0.005	<1	3.77	<2	<10	22	<2	32	3.99	6	36	144	<1	5.50	<0.01	34	3.81	1357	<1	0.02	221	140	4	6	<5	<0.01	<10	18	<100	19	122	<10	5	74
205982	MK073	<0.005	<1	0.25	3	11	6	<2	19	0.14	<4	<1	134	<1	0.27	0.05	2	0.05	<100	<1	0.02	<1	585	<1	<5	6	<0.01	<10	10	<100	8	5	<10	2	<1
205983	MK074	<0.005	<1	1.78	<2	11	213	<2	23	0.91	<4	17	106	31	3.51	0.98	29	1.67	588	<1	0.10	8	757	3	<5	<5	<0.01	<10	23	1378	9	81	<10	8	67
205984	MK075	<0.005	<1	2.97	54	<10	30	<2	33	0.05	7	14	193	51	6.53	0.11	17	1.83	539	2	0.03	<1	220	4	6	<5	0.02	<10	9	422	8	99	<10	3	133

PROCEDURE CODES: ALP1, ALFA1, ALAR1

Certified By: Jason Moore, General Manager

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-0847-10/03/2011 9:50 AM

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Monday, October 3, 2011

Certificate of Analysis

Jiminex Inc.
RR #1 661 Grann Drive
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P0T 2M0
Ph#: (807) 977-1679
Fax#: (807) 977-1769
Email: jiminex@xplornet.com, alwilly@jiminex.com

Date Received: 08/04/2010
Date Completed: 08/16/2010
Job #: 201042969
Reference:
Sample #: 63

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
205985	MK076	<0.005	<1	0.20	10	<10	16	<2	19	<0.01	<4	<1	177	12	0.84	0.08	2	0.06	<100	2	0.02	<1	<100	4	<5	<5	<0.01	<10	6	<100	10	4	<10	<2	3
205986	MK077	0.007	<1	0.16	11	10	29	<2	12	<0.01	<4	3	217	6	0.67	0.08	2	<0.01	<100	2	0.03	<1	<100	2	<5	<5	<0.01	<10	8	<100	8	2	<10	2	2
205987	MK078	<0.005	<1	3.66	136	11	21	<2	37	0.30	10	30	148	168	8.85	0.06	22	1.02	1069	9	0.03	170	980	12	8	<5	<0.01	<10	14	152	11	66	<10	9	156
205988D	MK078	<0.005	<1	3.56	138	<10	21	<2	38	0.29	9	30	145	163	8.61	0.06	22	0.99	1049	8	0.03	164	963	16	7	<5	<0.01	<10	14	155	5	64	<10	9	154
205989	MK079	0.381	<1	0.08	5448	12	12	<2	27	<0.01	<4	7	222	5	0.85	0.04	2	<0.01	<100	2	0.02	<1	<100	2	<5	<5	<0.01	<10	6	<100	7	<2	<10	<2	<1
205990	MK080	0.012	<1	0.37	92	12	17	<2	34	0.02	<4	11	214	49	1.25	0.11	4	0.07	<100	3	0.03	30	<100	3	<5	<5	<0.01	<10	11	<100	7	8	<10	3	23
205991	MK081	0.014	<1	1.43	306	<10	24	<2	20	0.03	<4	8	112	71	3.23	0.14	16	0.66	187	3	0.03	<1	223	3	<5	<5	<0.01	<10	17	127	11	26	<10	2	76
205992	MK082	0.015	<1	1.15	90	<10	33	<2	20	0.03	<4	8	141	37	2.68	0.15	12	0.50	163	3	0.04	<1	235	4	<5	<5	<0.01	<10	21	269	9	22	<10	3	61
205993	MK083	<0.005	<1	2.13	97	<10	41	<2	25	0.06	5	14	89	63	4.42	0.13	22	1.04	271	3	0.03	<1	267	7	5	<5	0.02	<10	16	295	9	49	<10	4	132
205994	MK084	<0.005	<1	0.58	3	12	66	<2	22	0.15	<4	3	92	<1	0.81	0.35	12	0.26	119	<1	0.07	<1	218	<1	<5	<5	<0.01	<10	19	543	10	6	<10	<2	32
205995	MK085	<0.005	<1	1.59	<2	12	60	<2	21	0.36	<4	10	160	24	2.63	0.58	12	0.65	250	<1	0.10	<1	579	2	<5	<5	<0.01	<10	17	1356	9	68	<10	5	6
205996	MK086	0.012	<1	6.36	<2	12	116	<2	38	1.26	11	46	94	82	9.69	0.78	38	3.16	996	<1	0.09	59	773	12	6	<5	<0.01	<10	21	1684	10	356	<10	7	297
205997	MK087	0.020	<1	5.96	<2	12	107	<2	33	2.70	4	32	87	88	3.68	0.77	32	2.64	488	<1	0.23	117	364	<1	<5	<5	0.02	<10	88	1440	15	74	<10	4	77
205998	MK088	<0.005	<1	2.75	<2	11	13	<2	33	0.13	8	36	185	21	7.32	0.17	12	1.56	261	5	0.02	65	636	8	5	<5	<0.01	<10	5	713	4	232	<10	4	13
205999D	MK088	<0.005	<1	2.69	<2	10	12	<2	31	0.13	8	35	187	20	7.17	0.16	12	1.54	260	4	0.02	66	626	7	<5	<5	<0.01	<10	5	734	7	230	<10	4	14
206000	MK089	<0.005	<1	2.70	<2	10	18	<2	35	0.29	7	27	243	5	6.10	0.31	16	1.41	200	4	0.05	59	516	6	<5	<5	<0.01	<10	16	1156	6	148	<10	7	13
206001	MK090	0.023	<1	1.33	5	10	15	<2	29	0.06	4	5	216	22	4.04	0.07	7	0.79	440	3	0.06	<1	191	7	<5	<5	<0.01	<10	11	398	7	85	<10	<2	40
206002	MK091	<0.005	<1	3.51	<2	13	9	<2	34	0.08	11	38	194	20	9.66	0.05	21	2.11	499	6	0.02	85	417	14	7	<5	0.02	<10	5	494	10	152	<10	3	17
206003	MK092	<0.005	<1	1.52	<2	13	49	<2	11	0.14	<4	27	375	20	2.34	0.30	12	0.50	195	2	0.06	88	600	2	<5	5	<0.01	<10	10	927	10	52	<10	4	6
206004	MK093	0.006	<1	4.93	<2	12	125	<2	43	0.16	13	16	295	17	11.46	0.97	26	2.34	561	6	0.06	39	338	16	7	<5	<0.01	<10	10	1522	8	165	<10	4	46

PROCEDURE CODES: ALP1, ALFA1, ALAR1

Certified By: Jason Moore, General Manager

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Monday, October 3, 2011

Certificate of Analysis

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Date Received: 08/04/2010
Date Completed: 08/16/2010
Job #: 201042969
Reference:
Sample #: 63

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
206005	MK094	<0.005	<1	0.46	<2	11	8	<2	23	<0.01	<4	2	492	11	1.31	0.17	3	0.10	<100	3	0.03	6	<100	2	6	<5	<0.01	<10	5	<100	7	6	<10	2	8
206006	MK095	0.010	<1	0.14	14	13	<1	<2	23	0.02	<4	9	638	18	1.46	0.02	3	0.07	<100	5	0.02	18	123	8	<5	<5	<0.01	<10	5	<100	6	5	<10	<2	4
206007	MK096	0.319	<1	0.23	179	11	36	<2	25	0.03	4	3	336	24	3.86	0.09	3	0.03	<100	8	0.02	<1	<100	26	5	5	<0.01	<10	5	<100	9	5	<10	<2	8
206008	MK097	0.009	<1	0.21	<2	12	2	<2	21	0.13	<4	3	664	36	3.55	<0.01	2	0.10	382	7	0.02	<1	<100	4	6	<5	<0.01	<10	4	<100	7	22	<10	<2	51
206009	MK098	0.009	<1	6.71	<2	11	25	<2	59	0.11	14	65	290	179	12.09	0.30	32	3.25	882	7	0.02	112	274	10	7	<5	<0.01	<10	5	1004	16	281	<10	3	120
206010R	MK098	0.009	<1	6.59	<2	13	27	<2	57	0.10	14	63	290	162	11.89	0.31	31	3.22	882	6	0.02	101	274	11	8	<5	<0.01	<10	4	1000	11	274	<10	4	105
206011	MK099	0.008	<1	5.27	<2	16	144	<2	19	2.20	<4	35	274	74	3.36	1.40	32	2.16	612	<1	0.63	10	291	<1	<5	6	0.03	<10	34	2236	15	169	<10	6	47
206012	MK0100	<0.005	<1	4.26	3	14	11	<2	35	3.31	<4	15	144	<1	2.25	0.14	11	1.17	531	<1	0.37	<1	<100	<1	<5	7	0.02	<10	30	1301	23	71	<10	4	32
206013	MK0101	<0.005	<1	3.33	<2	13	122	<2	30	3.75	9	43	216	124	7.45	0.63	21	1.08	2026	6	0.09	164	403	15	6	<5	<0.01	<10	79	1509	6	164	<10	8	171

PROCEDURE CODES: ALP1, ALFA1, ALAR1

Certified By: Jason Moore, General Manager

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Monday, October 3, 2011

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Date Received: 09/09/2010
Date Completed: 09/23/2010
Job #: 201043696
Reference:
Sample #: 16

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
255681	MK-102	0.006	<1	2.56	<2	34	163	<2	<1	2.57	<4	26	248	41	4.11	0.58	12	1.80	628	<1	0.05	39	532	8	<5	<5	0.07	<10	26	1437	5	81	<10	4	81
255682	MK-103	0.005	<1	2.40	<2	36	149	<2	<1	2.33	<4	24	491	43	4.10	0.52	10	1.71	599	4	0.06	31	471	7	<5	<5	0.05	<10	21	1304	3	73	<10	4	74
255683	MK-104	<0.005	<1	3.55	<2	29	34	<2	<1	1.57	<4	27	246	10	5.45	0.23	16	1.45	466	10	0.15	70	509	10	<5	9	0.07	<10	33	1465	4	89	<10	6	91
255684	MK-104A	<0.005																																	
255685	MK-105	0.006	<1	4.81	<2	27	106	<2	<1	2.60	<4	38	277	43	4.93	0.79	11	1.21	449	11	0.35	93	545	8	<5	5	0.09	<10	65	1912	<2	103	<10	7	100
255686	MK-106	0.006	<1	1.54	<2	30	14	<2	<1	1.01	<4	17	212	20	2.90	0.09	14	1.15	393	3	0.13	22	738	8	<5	6	0.11	<10	7	1806	<2	56	<10	6	44
255687	MK-107	0.005	<1	3.07	<2	33	191	<2	<1	1.84	<4	26	159	24	4.85	0.84	22	2.39	814	<1	0.06	34	544	11	<5	<5	0.10	<10	15	1511	4	146	<10	10	94
255688	MK-108	0.006	<1	2.19	<2	37	169	<2	<1	5.45	<4	19	296	16	3.70	0.68	23	1.62	1159	1	0.06	62	643	10	<5	5	0.06	<10	39	1186	3	71	<10	6	64
255689	MK-109	0.007	<1	4.15	3	26	892	<2	<1	1.73	<4	31	123	4	6.22	3.14	63	2.54	735	5	0.15	60	1478	12	<5	5	0.11	<10	33	4195	6	178	<10	13	132
255690	MK-110	0.006	<1	2.90	<2	49	360	<2	<1	1.08	<4	26	471	25	4.65	1.05	28	2.05	585	2	0.13	74	815	11	<5	<5	0.11	<10	30	2186	5	113	<10	9	99
255691D	MK-110	0.006	<1	2.79	<2	40	352	<2	<1	1.05	<4	26	471	25	4.51	1.02	26	2.00	575	4	0.12	75	794	10	<5	<5	0.11	<10	29	2192	2	110	<10	8	98
255692	MK-111	0.006	<1	2.72	<2	45	317	<2	<1	2.61	<4	21	215	81	4.07	1.40	26	1.83	619	3	0.13	59	565	11	<5	6	0.10	<10	34	1956	4	88	<10	7	83
255693	MK-112	0.019	<1	1.12	9	31	220	<2	<1	0.14	<4	7	177	11	2.51	0.66	5	0.57	190	6	0.08	7	475	8	<5	<5	0.04	<10	17	1099	2	57	<10	3	30
255694	MK-113	0.006	<1	2.49	<2	37	281	<2	<1	1.84	<4	22	386	30	5.35	1.04	31	1.44	1286	11	0.09	69	333	12	<5	<5	0.13	<10	21	1780	5	99	<10	8	59
255695	MK-114A	0.006																																	
255696	MK-115	0.009	<1	1.60	<2	42	165	<2	<1	1.78	<4	28	524	35	3.81	0.61	25	1.17	1196	7	0.14	91	623	10	<5	<5	0.10	<10	24	1517	4	119	<10	8	63
255697	MK-116	0.009	<1	2.06	<2	38	272	<2	<1	1.49	<4	25	461	20	3.64	1.15	22	1.14	1191	6	0.12	75	530	6	<5	<5	0.12	<10	25	1886	2	99	<10	7	53

PROCEDURE CODES: ALP1, ALFA1, ALAR1

Certified By: Jason Moore, General Manager

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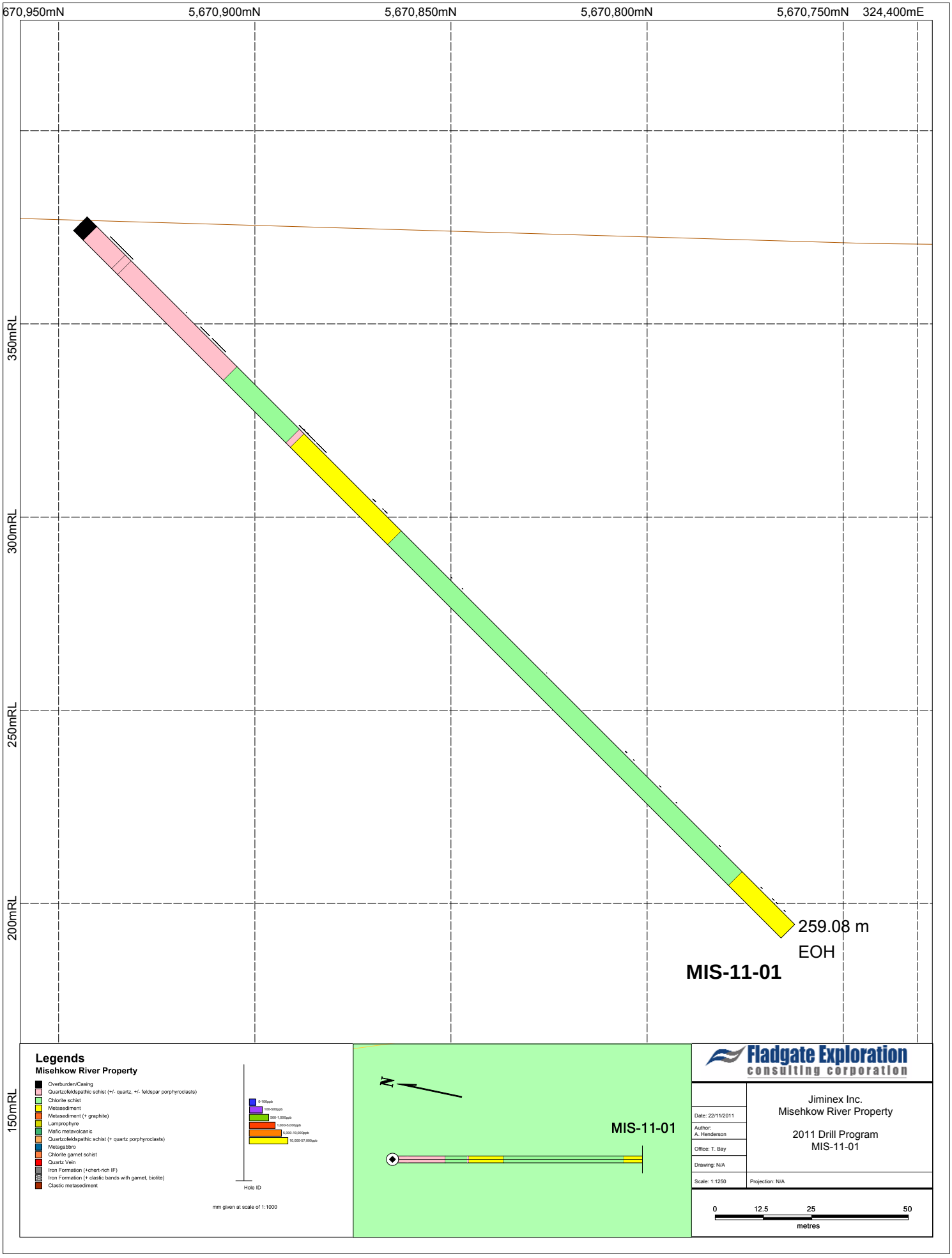
Appendix IV Drill Sections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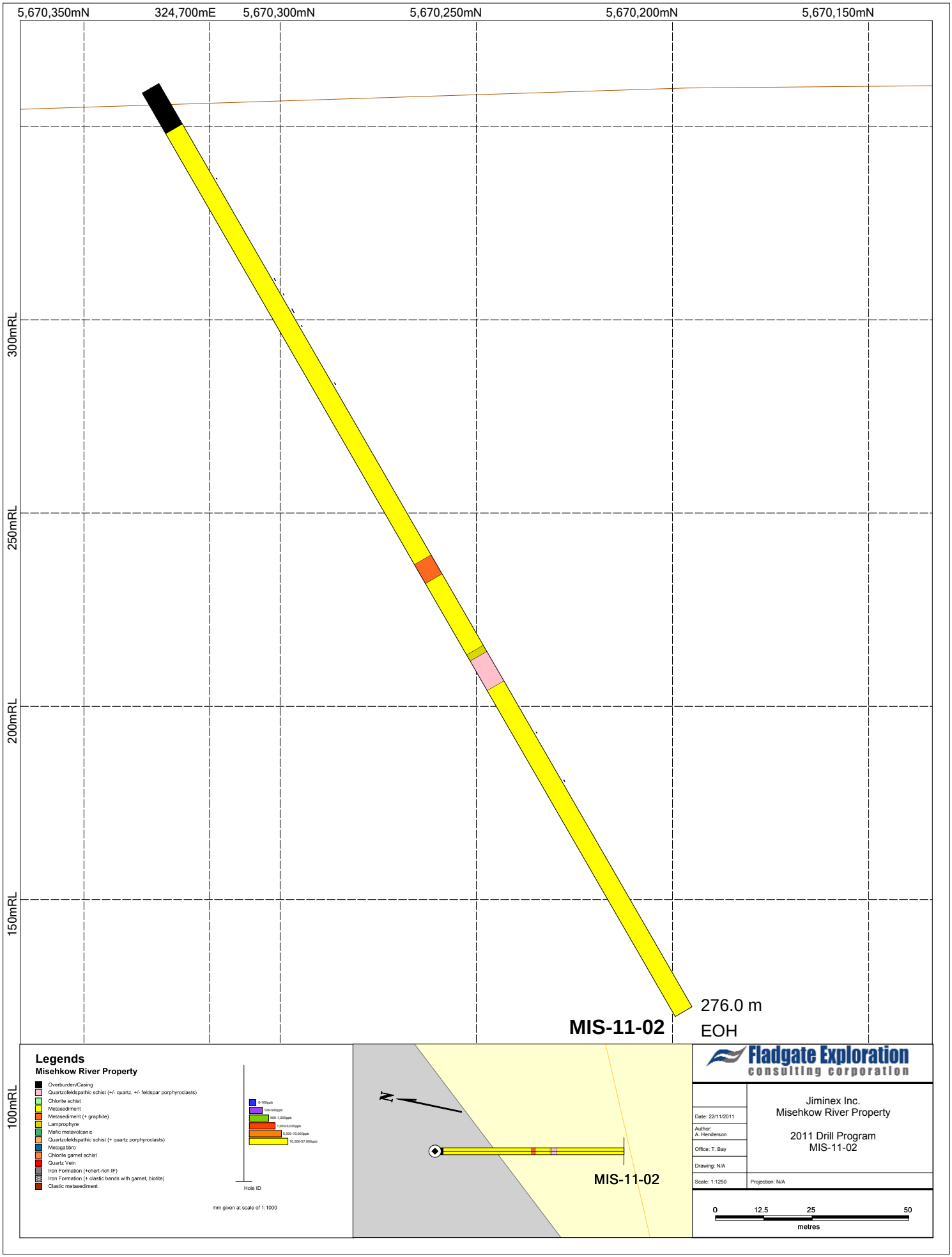
5,670,750mN
324,400mE
350mRL
300mRL
250mRL
200mRL
150mRL
259.08 m
EOH
MIS-11-01
Legends
Misehkow River Property
Overburden/Casing
Quartzofeldspathic schist (+/- quartz, +/- feldspar porphyroclasts)
Chlorite schist
Metasediment
Metasediment (+ graphite)
Lamprophyre
Mafic metavolcanic
Quartzofeldspathic schist (+ quartz porphyroclasts)
Metagabbro
Chlorite garnet schist
Quartz Vein
Iron Formation (+chert-rich IF)
Iron Formation (+ clastic bands with garnet, biotite)
Clastic metasediment
0-100ppb
100-500ppb
500-1,000ppb
1,000-5,000ppb
5,000-10,000ppb
10,000-57,000ppb
Hole ID
mm given at scale of 1:1000
N
MIS-11-01
Fladgate Exploration
consulting corporation
Jiminex Inc.
Misehkow River Property
2011 Drill Program
MIS-11-01
Date: 22/11/2011
Author: A. Henderson
Office: T. Bay
Drawing: N/A
Scale: 1:1250
Projection: N/A
0
12.5
25
50
metres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324,700mE
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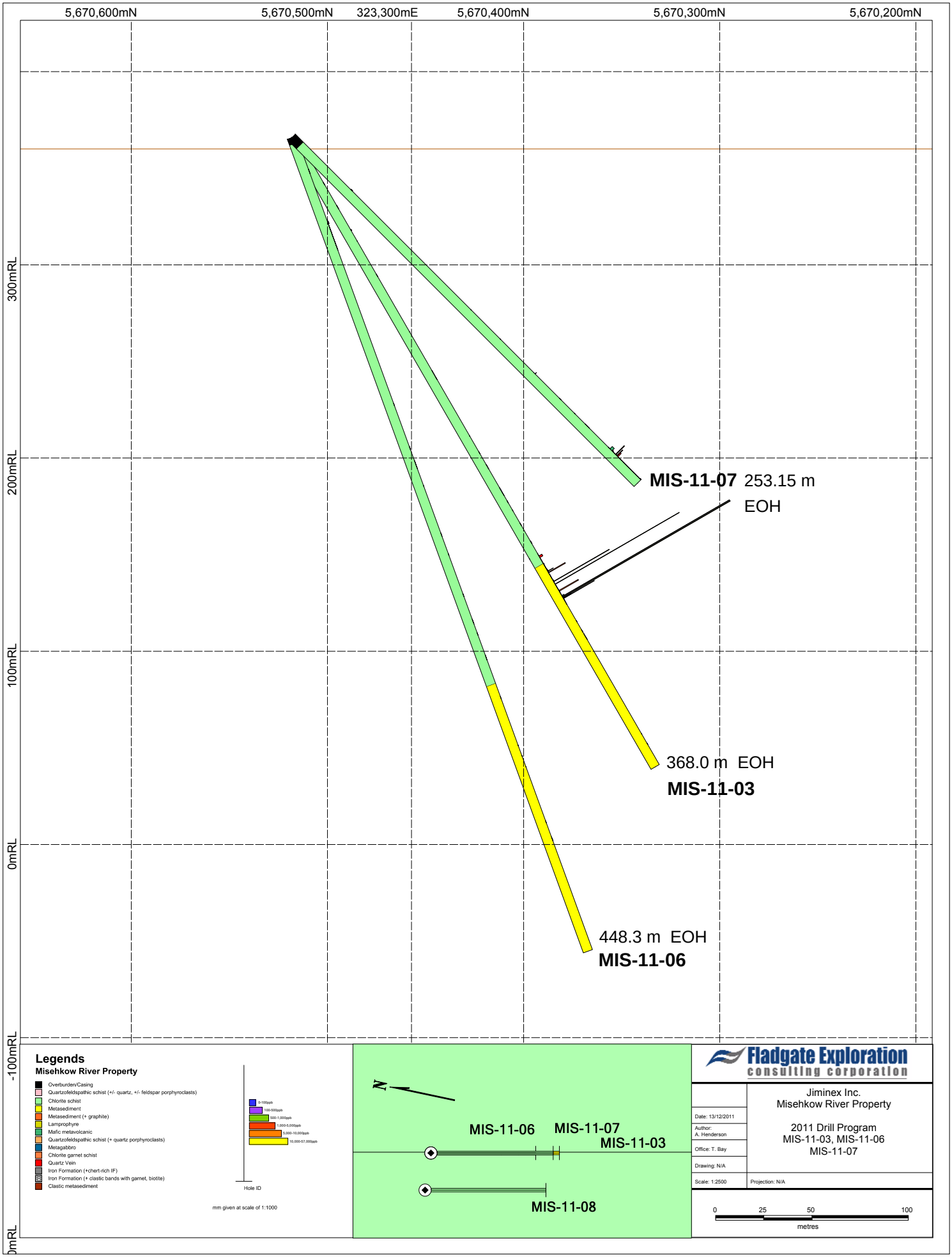
5,670,200mN
5,670,150mN
300mRL
250mRL
200mRL
150mRL
100mRL
276.0 m
EOH
MIS-11-02
Legends
Misehkow River Property
Overburden/Casing
Quartzofeldspathic schist (+/- quartz, +/- feldspar porphyroclasts)
Chlorite schist
Metasediment
Metasediment (+ graphite)
Lamprophyre
Mafic metavolcanic
Quartzofeldspathic schist (+ quartz porphyroclasts)
Metagabbro
Chlorite garnet schist
Quartz Vein
Iron Formation (+chert-rich IF)
Iron Formation (+ clastic bands with garnet, biotite)
Clastic metasediment
Hole ID
mm given at scale of 1:1000
N
MIS-11-02
Fladgate Exploration
consulting corporation
Jiminex Inc.
Misehkow River Property
2011 Drill Program
MIS-11-02
Date: 22/11/2011
Author: A. Henderson
Office: T. Bay
Drawing: N/A
Scale: 1:1250
Projection: N/A
0
12.5
25
50
metres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5,670,500mN
323,300mE
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5,670,300mN
5,670,200mN
300mRL
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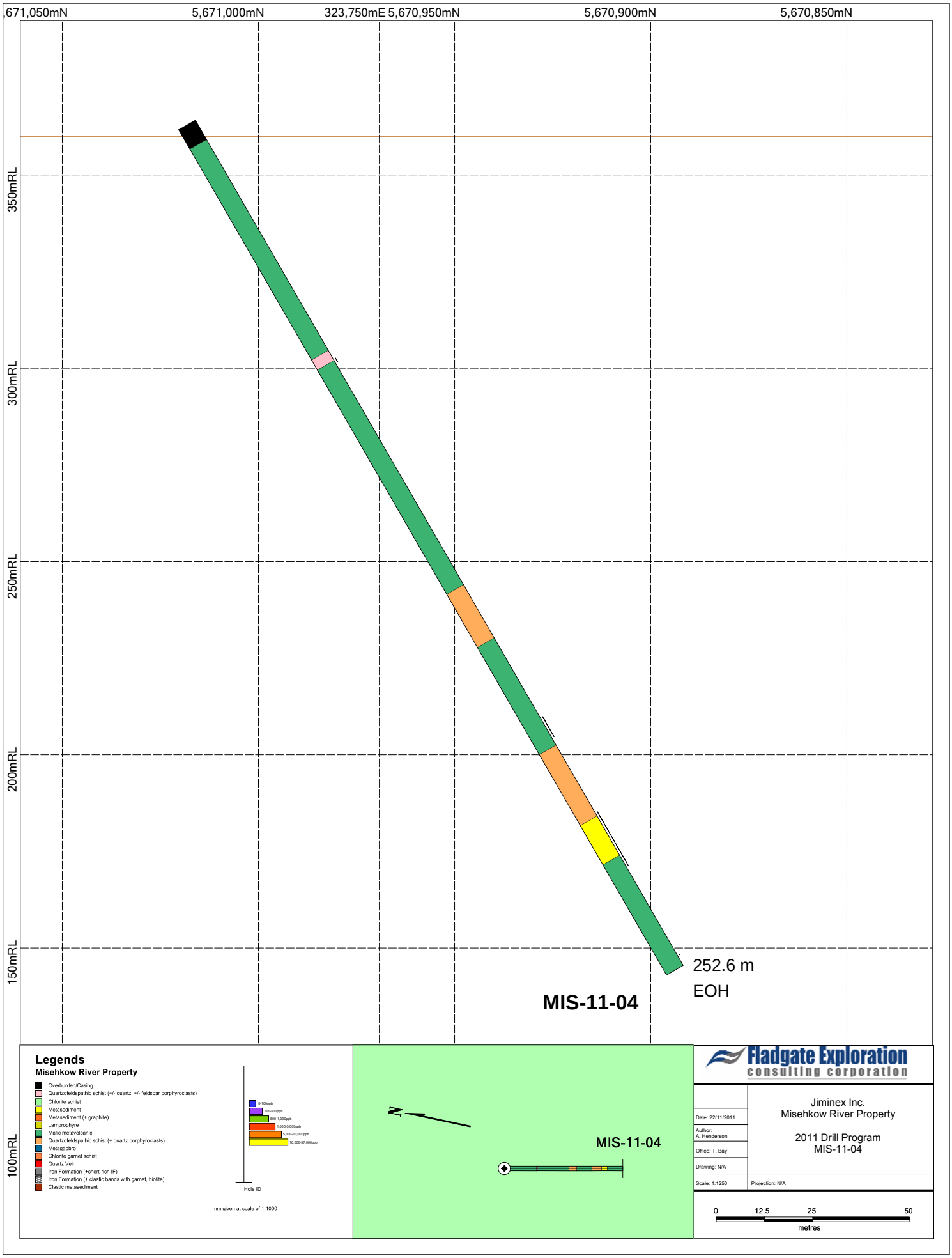
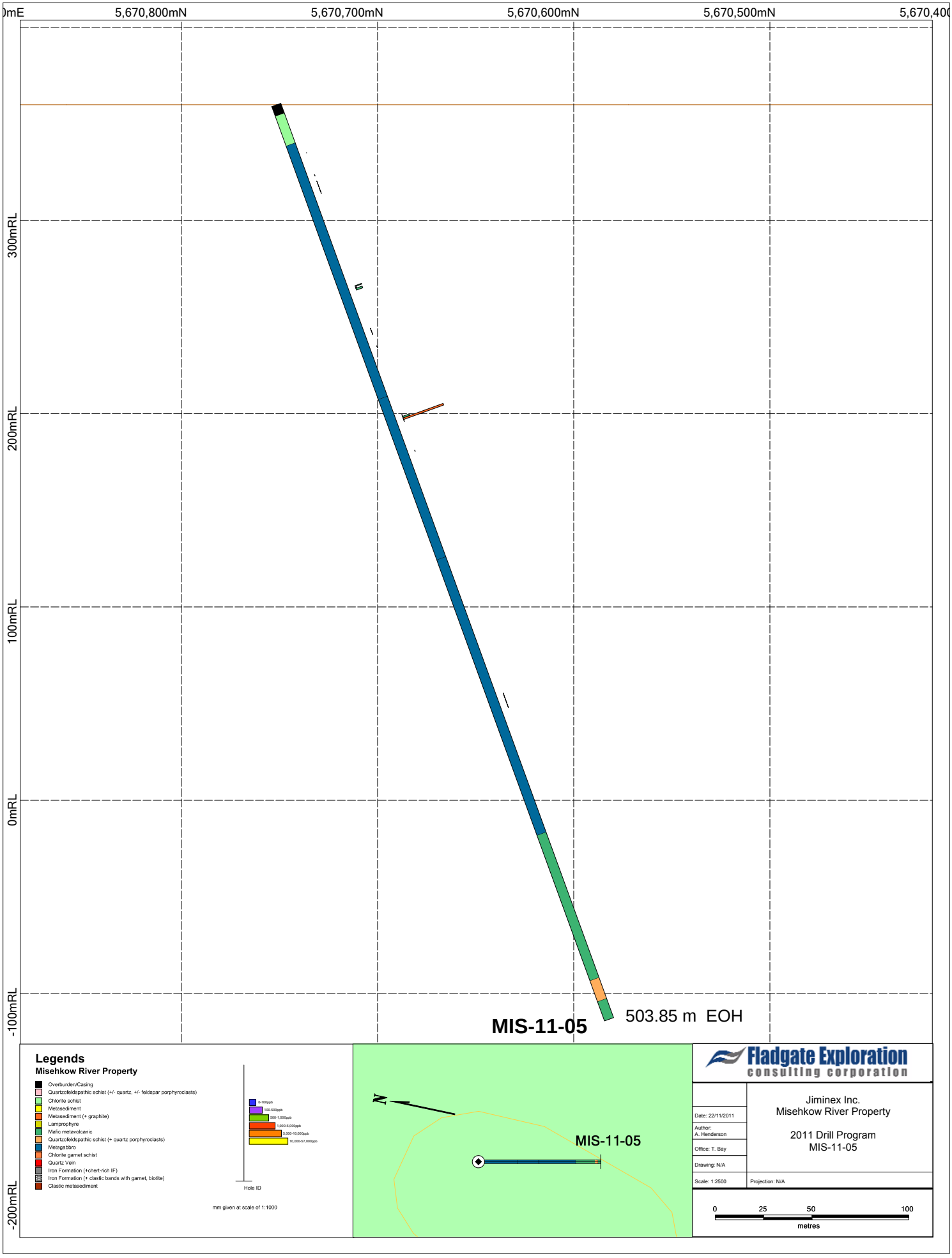
-100mRL
0mRL
MIS-11-07 253.15 m
EOH
368.0 m EOH
MIS-11-03
448.3 m EOH
MIS-11-06
Legends
Misehkow River Property
Overburden/Casing
Quartzofeldspathic schist (+/- quartz, +/- feldspar porphyroclasts)
Chlorite schist
Metasediment
Metasediment (+ graphite)
Lamprophyre
Mafic metavolcanic
Quartzofeldspathic schist (+ quartz porphyroclasts)
Metagabbro
Chlorite garnet schist
Quartz Vein
Iron Formation (+chert-rich IF)
Iron Formation (+ clastic bands with garnet, biotite)
Clastic metasediment
Hole ID
mm given at scale of 1:1000
N
MIS-11-06
MIS-11-07
MIS-11-03
MIS-11-08
Fladgate Exploration
consulting corporation
Jiminex Inc.
Misehkow River Property
2011 Drill Program
MIS-11-03, MIS-11-06
MIS-11-07
Date: 13/12/2011
Author: A. Henderson
Office: T. Bay
Drawing: N/A
Scale: 1:2500
Projection: N/A
0
25
50
100
metres


,671,050mN
5,671,000mN
323,750mE 5,670,950mN
5,670,900mN
5,670,850mN
350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
252.6 m
EOH
MIS-11-04
Legends
Misehkow River Property
Overburden/Casing
Quartzofeldspathic schist (+/- quartz, +/- feldspar porphyroclasts)
Chlorite schist
Metasediment
Metasediment (+ graphite)
Lamprophyre
Mafic metavolcanic
Quartzofeldspathic schist (+ quartz porphyroclasts)
Metagabbro
Chlorite garnet schist
Quartz Vein
Iron Formation (+chert-rich IF)
Iron Formation (+ clastic bands with garnet, biotite)
Clastic metasediment
Hole ID
mm given at scale of 1:1000
N
MIS-11-04
Fladgate Exploration
consulting corporation
Jiminex Inc.
Misehkow River Property
2011 Drill Program
MIS-11-04
Date: 22/11/2011
Author: A. Henderson
Office: T. Bay
Drawing: N/A
Scale: 1:1250
Projection: N/A
0
12.5
25
50
metres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300mRL
200mRL
100mRL
0mRL
-100mRL
-200mRL
MIS-11-05
503.85 m EOH
Legends
Misehkow River Property
Overburden/Casing
Quartzofeldspathic schist (+/- quartz, +/- feldspar porphyroclasts)
Chlorite schist
Metasediment
Metasediment (+ graphite)
Lamprophyre
Mafic metavolcanic
Quartzofeldspathic schist (+ quartz porphyroclasts)
Metagabbro
Chlorite garnet schist
Quartz Vein
Iron Formation (+chert-rich IF)
Iron Formation (+ clastic bands with garnet, biotite)
Clastic metasediment
0-100ppb
100-500ppb
500-1,000ppb
1,000-5,000ppb
5,000-10,000ppb
10,000-57,000ppb
Hole ID
mm given at scale of 1:1000
N
MIS-11-05
Fladgate Exploration
consulting corporation
Jiminex Inc.
Misehkow River Property
2011 Drill Program
MIS-11-05
Date: 22/11/2011
Author: A. Henderson
Office: T. Bay
Drawing: N/A
Scale: 1:2500
Projection: N/A
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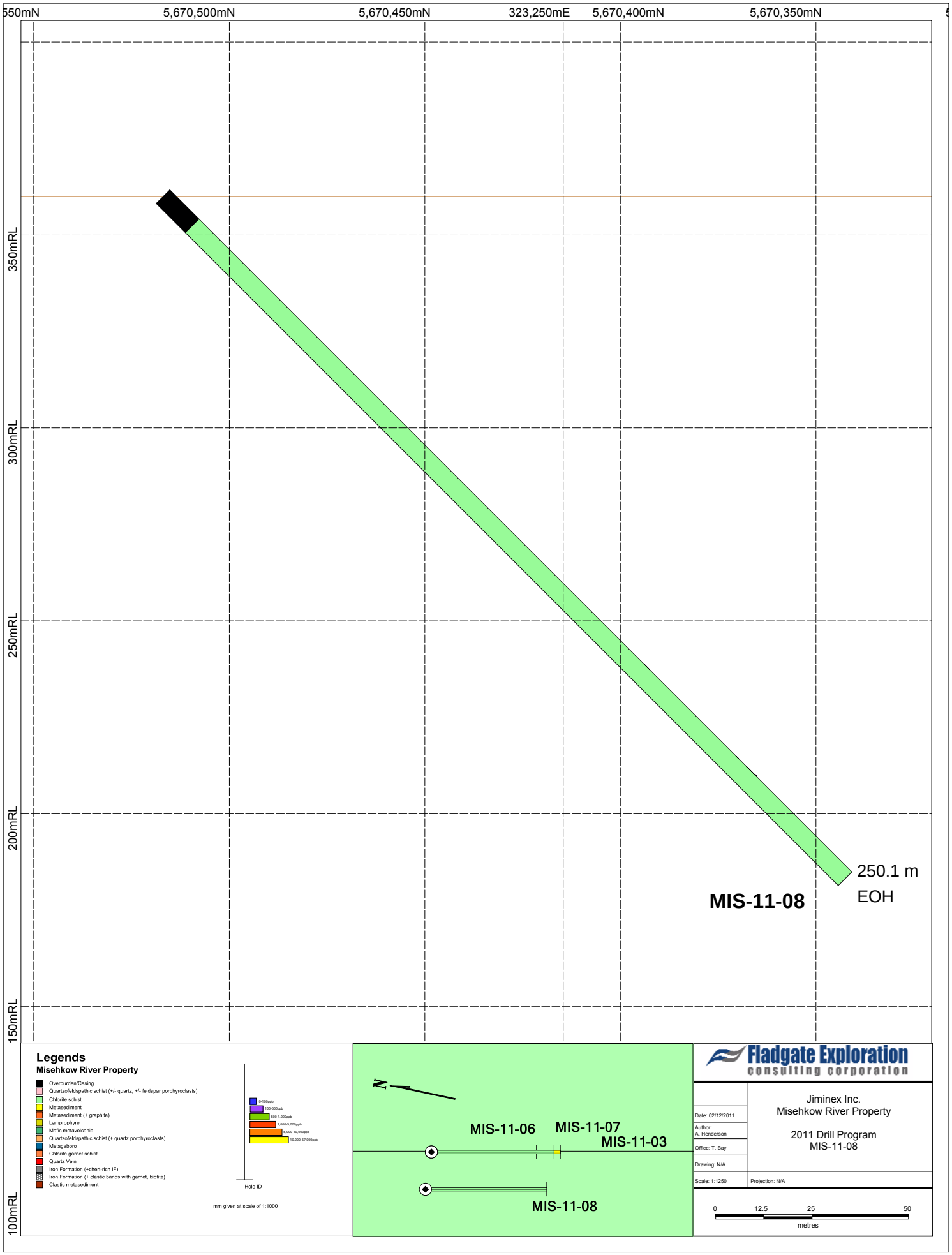
25
50
100
metres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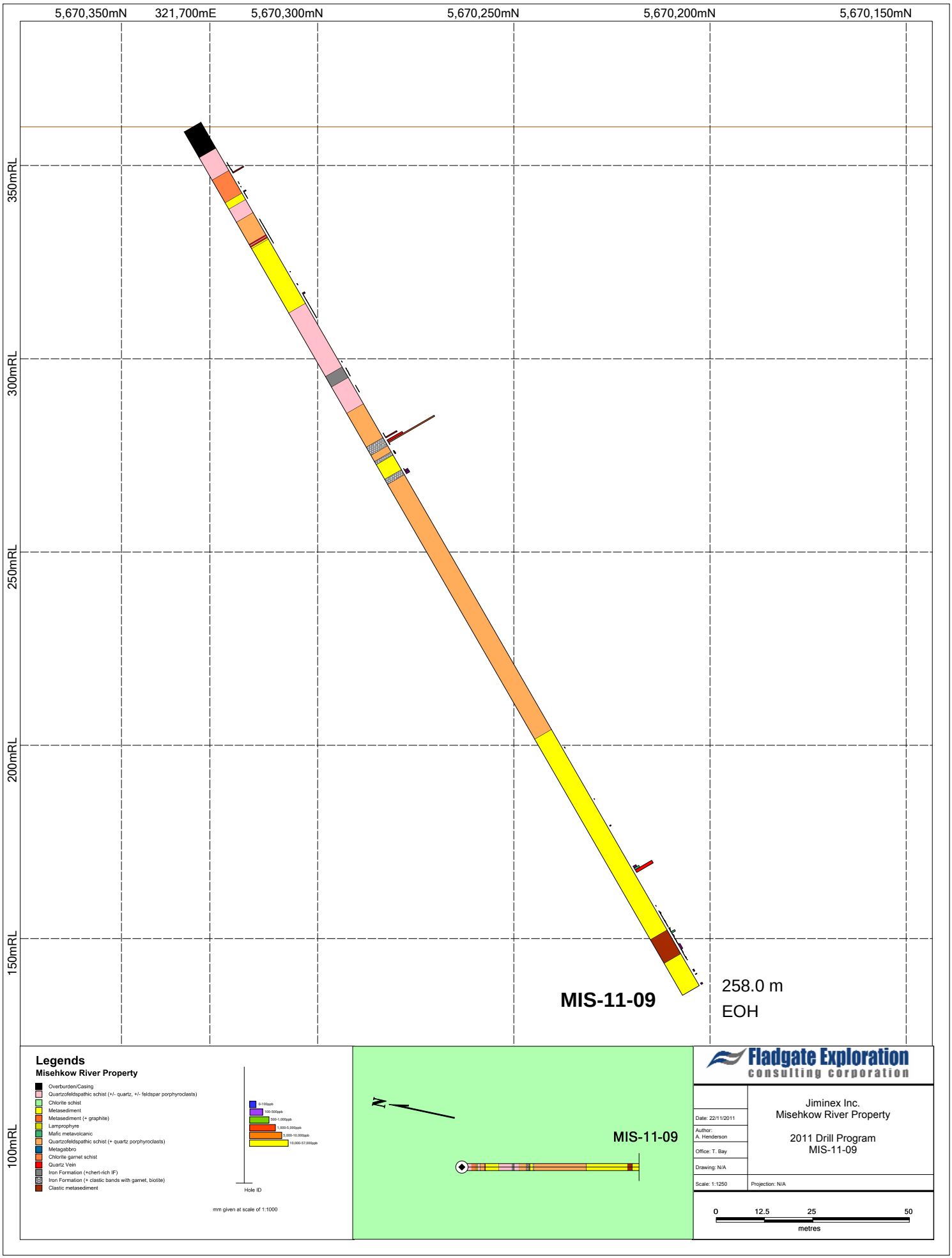
350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
250.1 m
EOH
MIS-11-08
Legends
Misehkow River Property
Overburden/Casing
Quartzofeldspathic schist (+/- quartz, +/- feldspar porphyroclasts)
Chlorite schist
Metasediment
Metasediment (+ graphite)
Lamprophyre
Mafic metavolcanic
Quartzofeldspathic schist (+ quartz porphyroclasts)
Metagabbro
Chlorite garnet schist
Quartz Vein
Iron Formation (+chert-rich IF)
Iron Formation (+ clastic bands with garnet, biotite)
Clastic metasediment
Hole ID
mm given at scale of 1:1000
N
MIS-11-06
MIS-11-07
MIS-11-03
MIS-11-08
Fladgate Exploration
consulting corporation
Jiminex Inc.
Misehkow River Property
2011 Drill Program
MIS-11-08
Date: 02/12/2011
Author:
A. Henderson
Office: T. Bay
Drawing: N/A
Scale: 1:1250
Projection: N/A
0
12.5
25
50
metres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321,700mE
5,670,300mN
5,670,250mN
5,670,200mN
5,670,150mN
350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
MIS-11-09
258.0 m
EOH
Legends
Misehkow River Property
Overburden/Casing
Quartzofeldspathic schist (+/- quartz, +/- feldspar porphyroclasts)
Chlorite schist
Metasediment
Metasediment (+ graphite)
Lamprophyre
Mafic metavolcanic
Quartzofeldspathic schist (+ quartz porphyroclasts)
Metagabbro
Chlorite garnet schist
Quartz Vein
Iron Formation (+chert-rich IF)
Iron Formation (+ clastic bands with garnet, biotite)
Clastic metasediment
0-100ppb
100-500ppb
500-1,000ppb
1,000-5,000ppb
5,000-10,000ppb
10,000-57,000ppb
Hole ID
mm given at scale of 1:1000
N
MIS-11-09
Fladgate Exploration
consulting corporation
Jiminex Inc.
Misehkow River Property
2011 Drill Program
MIS-11-09
Date: 22/11/2011
Author: A. Henderson
Office: T. Bay
Drawing: N/A
Scale: 1:1250
Projection: N/A
0
12.5
25
50
metres

Appendix V Drill Logs

DRILL HOLE REPORT

Hole Number **MIS-11-01** Project: **JIMINEX** Project Number: **3**

Drilling

Azimuth:	170
Dip:	-45
Length:	259.08
Started:	01-Apr-11
Completed:	04-Apr-11
Logged:	13-Aug-11

Comment:

Casing

Length:	0
Pulled:	no
Capped:	no
Cemented:	no

Core

Dimension:	BTW
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	ACHAPI LAK
Claim No.:	4221454
NTS:	52P/04
Hole:	SURFACE

Coordinate - Gemcom

East:	324365
North:	5670945
Elev.:	376

Coordinate - UTM

East:	324365
North:	5670945
Elev.:	376
Zone: 16	**NAD:** NAD83

Other

Logged by:	Maura Kolb
Relog by:	
Contractor:	Cartwright Drilling
Spotted by:	
Surveyed:	
Surveyed by:	
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	
Multi shot survey:	no

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	170.00	-45.00	C	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-01** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
0.00	3.70	**15** ***Overburden (Unsubdivided)***						
3.70	14.10	**QFS-QFP** ***Quartzofeldspathic Schist***	895707	13.00	14.10	1.10	0.00	0.01
			895701	8.00	9.00	1.00	0.00	0.01
			895702	9.00	10.00	1.00	0.00	0.01
			895703	10.00	11.00	1.00	0.00	0.01
			895704	11.00	12.00	1.00	0.00	0.01
			895706	12.00	13.00	1.00	0.00	0.01
14.10	16.25	**QFS** ***Quartzofeldspathic Schist***	895708	14.10	15.00	0.90	0.00	0.01
			895709	15.00	16.25	1.25	0.00	0.01

"This unit is grey to tan in color, strongly foliated with quartz and feldspar porphyroclasts. Strong sericite alteration defines the foliation. Foliation is ~50 degrees TCA. Minor py blebs scattered throughout locally from 8.65-14.1m 0.5% py."

Alteration Maj:	*Type/Style/Intensity*	*Comment*
3.70 - 14.10	Ser P S	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
3.70 - 8.65	PY BL 0	minor
8.65 - 14.10	PY BL 0.5	

Structure Maj.:	*Type/Core Angle*	*Comment*
3.70 - 14.10	FOL 50	Strong

Rock is very fine grained and strongly foliation. Intense sericite alteration defines the foliation and gives the rock at tan color. Foliation is ~50 degrees TCA. Small quartz veinlets occur throughout the unit with py stringers and blebs associated with them. Py mineralization is about 1%.

Alteration Maj:	*Type/Style/Intensity*	*Comment*
14.10 - 16.25	Ser P I	

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
14.10 - 16.25	PY BL 1	blebs and stringers

Structure Maj.:	*Type/Core Angle*	*Comment*
14.10 - 16.25	FOL 50	strong

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-01** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
16.25	54.95	**QFS-FP** ***Quartzofeldspathic schist***	895599	35.70	35.88	0.18	0.01	7.00
			895504	41.00	42.00	1.00	0.00	0.01
			895503	42.00	42.80	0.80	0.00	0.01
			895505	42.80	43.50	0.70	0.00	0.01
			895711	43.50	43.95	0.45	0.00	0.01
			895600	43.95	44.26	0.31	0.00	0.01
			895712	45.22	46.55	1.33	0.00	0.01
			895601	46.55	46.95	0.40	0.04	44.00
			895713	46.95	47.19	0.24	0.00	0.01
			895602	47.19	47.38	0.19	0.01	6.00
			895714	47.38	48.00	0.62	0.00	0.01
			895716	48.00	49.15	1.15	0.00	0.01
			895717	49.15	50.20	1.05	0.01	11.00
54.95	77.85	**ChlS** ***Chlorite Schist***	895506	77.05	77.73	0.68	0.04	42.00

This unit varies from light grey to dark grey with local bands-areas of feldspar porphyroclasts. It is strongly foliated and very fine grained. Locally the rock appears banded with and iron straining occurs on some of these bands. Local stringers of Py are scattered throughout the unit with 1-2% py from 40.9-47.2m and 1% from 49.5-50.1m. Strong sericite alteration is patchy or localized in this unit. LC is gradation.

Alteration Maj:	Type/Style/Intensity	Comment
16.25 - 51.90	Ser PCH S	

Mineralization Maj. :	Type/Style/%Mineral	Comment
16.25 - 40.90	PY BL 0	minor-trace
40.90 - 47.20	PY STR 1	
47.20 - 49.50	PY BL 0	minor-trace
49.50 - 50.10	PY STR 1	

"This chlorite schist contains porphyroclasts of feldspar and porphyroclasts of garnet. The feldspar and garnets are about 1mm in width with the matrix being very fine grained. This unit is strongly foliated at ~ 50 de3greees TCA. Scattered magnetite blebs and cubs occur through out this unit less than 1 %. Carbonate veining occurs throughout this unit 5-10 % with veins parallel to the foliation. The LC is gradational with qtz veins/bands occurring from 77-77.85m. At the LC from 77-77.85m py frequency of py blebs, feldspar porphyroclasts and Qtz blebs/veinlets increases. The LC is somewhat gradational."

Alteration Maj:	Type/Style/Intensity	Comment
54.95 - 77.85	Carb SP MS	5-10%
54.95 - 77.85	CHL P S	

Mineralization Maj. :	Type/Style/%Mineral	Comment
54.95 - 77.85	PY DIS 0	trace
54.95 - 77.85	MAG DIS 0	minor

Structure Maj.:	Type/Core Angle	Comment

Hole Number **MIS-11-01** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
		54.95 - 77.85 FOL 50 Strong						
77.85	79.37	**QFS-QFP** ***Quartzofeldspathic Schist*** Unit is tan in color with intense sericite alteration defining the foliation. The sericite anastomoses around the quartz porphyroclasts. Py appears as blebs and stringers 1-5% locally. Foliation is 50 degrees TCA. The LC is marked by a quartz vein. ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 77.85 - 79.50 Ser P I ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 77.85 - 79.50 PY BL 1 locally higher ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 77.85 - 79.50 FOL 50 Strong	895718 895603 895719	77.73 78.53 79.00	78.53 79.00 79.37	0.80 0.47 0.37	0.01 0.09 0.00	10.00 86.00 0.01
79.37	115.10	**MS** ***Metasedimentary unsubdivided*** Metasedimentary unit is very fine grained and well foliated ~50 degrees TCA. The unit is grey in color. It is locally banded with local v.f.g.black bands as well as chlorite ad sericite rich bands. Locally this unit contains quartz veins and stringers of py. Local blebs of Asp occur from 80.7-85.2m and at 105m. From 80.7-85.2m Asp blebs are scattered through with stringers of py. At 105m chlorite and qtz flooding occur with local stringer of Copy and blebs of Asp. ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 79.50 - 115.10 CHL B M 79.50 - 115.10 Ser B M ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 79.50 - 80.70 PY BL 0 minor 80.70 - 85.20 ASP BL 0.5 local 80.70 - 85.20 PY STR 1 85.20 - 105.00 PY BL 0 Local-minor 105.00 - 105.10 CP STR 1	895721 895604 895722 895509 895510 895723 895724 895725 895511 895726 895727 895605 895606 895728	79.37 79.91 80.25 81.00 81.30 81.46 82.20 83.40 84.77 84.86 85.80 104.00 104.41 104.87	79.91 80.25 81.00 81.19 81.46 82.20 83.00 84.77 84.86 85.80 87.00 104.41 104.87 105.10	0.54 0.34 0.75 0.19 0.16 0.74 0.80 1.37 0.09 0.94 1.20 0.41 0.46 0.23	0.02 0.08 0.01 0.02 0.02 0.01 0.02 0.01 0.03 0.01 0.01 0.01 0.04 0.02	17.00 75.00 10.00 24.00 19.00 9.00 23.00 7.00 25.00 7.00 5.00 6.00 40.00 18.00

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-01** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
		105.00 - 105.10 ASP BL 1	895507	107.60	107.87	0.27	0.03	26.00
		105.10 - 115.10 PY BL 0 Minor	895508	108.25	109.24	0.99	0.04	42.00
115.10	239.83	**ChlS** ***Chlorite Schist***	895608	196.41	196.95	0.54	0.06	60.00
		"Chlorite schist, strongly foliated with carbonate veining orientated nearly parallel with the foliation. Scattered magnetite cube and blebs and local py/po stringers occur. Quartz veins occur from 132.7-133m, 136.75-136.83m, 192.35-192.6, 199.6-199.64m and 215.05-215.16m."	895732	199.39	199.72	0.33	0.00	0.01
			895733	209.00	209.50	0.50	0.01	12.00
			895734	214.95	215.30	0.35	0.00	0.01
			895736	230.83	231.30	0.47	0.01	13.00
			895729	132.65	133.00	0.35	0.02	15.00
			895731	136.70	137.00	0.30	0.01	6.00
			895607	167.64	167.70	0.06	0.01	9.00
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***						
		115.10 - 239.83 Carb VN M						
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***						
		115.10 - 239.83 POPY STR 0 Local						
		Structure Maj.: ***Type/Core Angle*** ***Comment***						
		115.10 - 239.83 FOL 50						
239.83	259.08	**MS** ***Metasedimentary unsubdivided***	895737	246.00	246.55	0.55	0.00	0.01
EOH		"Metasedimentary unit dark grey color, thinly banded with local Po stringers scattered throughout. Local quartz flooding 246.2-246.3m and 254.65-254.75m. EOH 259.08"	895512	250.30	250.90	0.60	0.00	0.01
			895609	251.63	252.23	0.60	0.01	8.00
			895738	254.50	255.00	0.50	0.01	5.00
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***						
		246.30 - 246.40 Qtz VN						
		254.65 - 254.75 Qtz VN						
		Structure Maj.: ***Type/Core Angle*** ***Comment***						
		239.83 - 259.08 FOL 50						

DRILL HOLE REPORT

Hole Number **MIS-11-02** Project: **JIMINEX** Project Number: **3**

Drilling

Azimuth:	170
Dip:	-60
Length:	276
Started:	05-Apr-11
Completed:	07-Apr-11
Logged:	13-Aug-11

Comment:

Casing

Length:	0
Pulled:	no
Capped:	no
Cemented:	no

Core

Dimension:	BTW
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	HEATHER L
Claim No.:	4262692
NTS:	52P/04
Hole:	SURFACE

Coordinate - Gemcom

East:	324680
North:	5670330
Elev.:	360

Coordinate - UTM

East:	324680
North:	5670330
Elev.:	360
Zone: 16	**NAD:** NAD83

Other

Logged by:	Maura Kolb
Relog by:	
Contractor:	Cartwright Drilling
Spotted by:	
Surveyed:	
Surveyed by:	
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	
Multi shot survey:	no

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	170.00	-60.00	C	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-02** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
0.00	141.00	**MS** ***Metasedimentary unsubdivided*** "Metasedimentary unit, very fine grained with strong foliation. Fine grained biotite appears throughout with patches of more coarse grained biotite. The matrix in the coarse grained biotite patches appears slightly bleached. Po stringers are scattered throughout (~1%) and are orientated parallel to the foliation. Several 5-10cm milky qtz veins with sulfides and slips of wall rock occur in this unit. Quartz veins appear from 24.95-25.01m, 25.9-25.95m, 28.85-28.9m, 45.31-45.4m, 58.9-58.94m, 59.2-59.25m, 60.25-60.3m, 63.4-63.55m (very broken up seems to be missing pieces, LC is followed by very schistose broken up pieces), 67.9-68.7m, 90.04-90.15m (UC irregular, LC 45 TCA with irregular folding below), 101.2-101.25m (nearly parallel to foliation)."	895739	28.75	29.05	0.30	0.00	0.01
			895741	58.65	59.45	0.80	0.00	0.01
			895742	63.30	63.70	0.40	0.00	0.01
			895743	67.80	69.00	1.20	0.00	0.01
			895744	72.80	73.15	0.35	0.00	0.01
			895746	89.90	90.40	0.50	0.00	0.01

Structure Maj.:	*Type/Core Angle*	*Comment*
129.80 - 129.82	FOL 55	
139.62 - 139.64	FOL 24	

141.00	146.67	**MS-Grph** ***Graphitic Metasedimentary*** Alternating bands of chert and graphite. Bands vary in width from 1mm to 10cm. Mineralization is 1-2% pyrrhotite with minor pyrite. Mineralization occurs as stringers and blebs. Contact at the bottom of the litho is gradational.
146.67	168.00	**MS** ***Metasedimentary unsubdivided*** "Metasedimentary unit, very fine-medium grained with strong foliation. Moderate quartz-carbonate veining."

Structure Maj.:	*Type/Core Angle*	*Comment*
149.90 - 149.93	FOL 43	

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-02** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
168.00	169.85	**Lamp** ***Lamprophyric Dyke*** "Mafic, medium grain, biotite rich, very weak foliation"						
169.85	178.65	**QFS-QFP** "Fine grain matrix, grey to green in colour with feldspar and quartz porphyroclasts. Feldspars are more euhedral and the quartz porphyroclasts that resemble augens and can be as large as 2 cm." ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 172.89 - 172.90 FOL 37						
178.65 EOH	276.00	**MS** ***Metasedimentary unsubdivided*** "Metasedimentary unit, very fine-medium grained with strong foliation. Moderate quartz-carbonate veining. Near EOH is a brecciated quartz vein with a fine grain black rim." ***Alteration Maj:*** ***Type/Style/Intensity*** ***Comment*** 210.44 - 210.55 BIO ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 198.50 - 198.60 FD 0 208.80 - 208.82 FOL 33	895751 895752	194.19 208.51	194.56 209.06	0.37 0.55	0.00 0.00	0.01 0.01

DRILL HOLE REPORT

Hole Number **MIS-11-03** Project: **JIMINEX** Project Number: **3**

Drilling

Azimuth:	170
Dip:	-60
Length:	368.0
Started:	08-Apr-11
Completed:	11-Apr-11
Logged:	13-Aug-11

Comment:

Casing

Length:	0
Pulled:	yes
Capped:	no
Cemented:	no

Core

Dimension:	BTW
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	ACHAPI LAK
Claim No.:	3014285
NTS:	52P/04
Hole:	SURFACE

Other

Logged by:	Bobby Scott
Relog by:	
Contractor:	Cartwright Drilling
Spotted by:	
Surveyed:	
Surveyed by:	
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	
Multi shot survey:	no

Coordinate - Gemcom

East:	323288
North:	5670518
Elev.:	366

Coordinate - UTM

East:	323280
North:	5670518
Elev.:	366
Zone:	16
NAD:	NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	170.00	-60.00	C	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-03** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
6.75	28.42	**ChlS** ***Chlorite Schist*** "The chlorite schist is fine grain, medium to light green in color and strongly foliated 50° TCA. It is composed of chlorite, magnetite, carbonate and quartz with minor quartz-carbonate veining throughout the unit. Some of the calcite has been altered to ankerite. The unit contains magnetite as wisps and stringer with lesser as blebs (5-10%). Veining occurs from 11.22-11.37m (qtz-carb with Py) and 18.90-19.02m (qtz-ank 20° TCA). Foliation changes at 18.85-18.87m to 71 degrees TCA and at LC to 20 degrees TCA. Sulfide mineralization is trace to 1%, consisting of pyrite and pyrrhotite. Sulfide mineralization occurs as blebs and stringers in the matrix parallel to the foliation."						
28.42	117.45	**ChlS** ***Chlorite Schist*** "Chlorite schist is green in color and strongly foliated at 50 degrees TCA. It contains clusters of wispy magnetite and stringers of magnetite (5-10%). Foliation is 20 degrees TCA at LC but returns to 50 degrees TCA after 28.75m. Folding occurs from 28.56-30.15m, 33.75-33.81 and 77.16-77.57m. Minor quartz-carbonate veining is present throughout the unit; it is generally not well mineralized. Some of the calcite has been altered to ankerite. Additional veins occur from 42.14-42.17m (qtz w/ py), 42.06-42.5m (qtz w/ py blebs 45 degrees TCA), 43.86-43.91m (folded and x-cutting calcite vein), 54.15-54.16m (qtz w/ py), 57.08-57.09m (qtz vein with Py stringer on boundary), 78.07-78.12 (qtz vein) and 84.27-84.32m (qtz/carb blebs of py, 45 degrees TCA). Pink to red alteration bands and veinlets appear locally throughout this unit. Sulfide mineralization is trace to 1%, consisting of pyrite and pyrrhotite. Sulfide mineralization occurs as blebs and stringers in the matrix parallel to the foliation."	895753	28.36	29.86	1.50	0.00	0.01
			895754	42.26	43.29	1.03	0.06	63.00
			895756	43.29	44.29	1.00	0.02	17.00
			895758	56.68	57.32	0.64	0.23	232.00
			895665	63.36	63.52	0.16	0.00	0.01
			895757	83.23	84.83	1.60	0.00	0.01

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-03** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology
117.45	256.25	**ChlS** ***Chlorite Schist***

"Chlorite schist is green in color and strongly foliated at 55 degrees TCA. Foliation varies slightly to ~45 degrees TCA from 142-148m. The unit contains magnetite as small blebs (cubes) with local wisps (5-10%). Minor quartz-carbonate veining is present throughout the unit; it is generally not well mineralized. Some of the calcite has been altered to ankerite. Veins occur from 110.56-110.75m (qtz/carb w/ py), 123.74-123.78m(two qtz veins 56 degrees TCA), 124.84-124-87m (qtz/carb), 131.06-131.09m (qtz/carb veining), 153.57-153.61m (qtz/carb vein with Py), 166.5-166.7m (carb-qtz 46 degree TCA), 179.92-179.96m (carb/qtz w/ py-po), 182.72-182.74m (carb/qtz w/ py-po), 187.07-187.08 (qtz/carb w/ py), 189.3-190.5 (qtz/carb vein), 199.45-199.55m (irregular vein with 3% py) and 243.85-244.30m (qtz vein). Sulfide mineralization is trace to 1%, consisting of pyrite and pyrrhotite. Sulfide mineralization occurs as blebs and stringers in the matrix parallel to the foliation. LC is gradational."

Mineralization Maj. :	Type/Style/%Mineral	Comment
6.75 - 256.25	CP BL 1	Rare
6.75 - 256.25	PO BL 2	Subordinate to Py
6.75 - 256.25	PY BL 3	Is also disseminated and stringer-like

Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
895666	117.57	117.70	0.13	0.00	0.01
895759	140.82	141.82	1.00	0.00	0.01
895761	141.82	143.32	1.50	0.00	0.01
895762	143.32	144.82	1.50	0.00	0.01
895763	144.82	145.35	0.53	0.00	0.01
895667	145.36	145.45	0.09	0.00	0.01
895764	145.45	146.30	0.85	0.00	0.01
895766	179.83	180.13	0.30	0.00	0.01
895767	189.30	190.57	1.27	0.00	0.01
895768	197.00	197.46	0.46	0.00	0.01
895769	197.46	198.50	1.04	0.00	0.01
895771	198.50	199.34	0.84	0.00	0.01
895772	199.34	199.70	0.36	0.02	16.00
895773	210.82	212.32	1.50	0.01	7.00
895774	212.32	213.82	1.50	0.01	6.00
895775	213.82	215.22	1.40	0.00	0.01
895776	215.22	215.60	0.38	0.00	0.01
895777	218.54	219.98	1.44	0.00	0.01
895778	224.14	224.84	0.70	0.01	6.00
895779	232.02	233.52	1.50	0.01	12.00
895781	242.82	244.32	1.50	0.09	87.00
895533	250.15	250.65	0.50	0.01	8.00
895534	250.65	251.15	0.50	0.00	0.01
895535	251.15	251.60	0.45	0.01	7.00
878535	251.60	252.60	1.00	1.01	1010.00
895536	252.60	253.05	0.45	0.00	0.01
895537	253.05	253.53	0.48	0.00	0.01
895538	253.53	254.13	0.60	0.01	6.00

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-03** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology
256.25	368.0	**MS** ***Metasedimentary-Greywacke***
EOH		"Fine grain light grey and green bands. It is made up of chlorite and siliceous banding and there is much less chlorite alteration than the previous unit. The unit is moderately to strongly foliated and the foliation varies but is generally 50 degrees TCA. Asymmetric folding occurs locally and some veins have been boudinaged. Sulfide mineralization is trace to 1% and consists of pyrite and pyrrhotite occurring as blebs and stringers in the matrix, that follow the foliation and also within quartz/carbonate veinlets. In general, the frequency of veining and mineralization is less than that of the overlying chlorite schist."

Mineralization Maj. :	Type/Style/%Mineral	Comment
256.25 - 363.78	CP BL 1	rare
256.25 - 363.78	PY BL 2	Subordinate to Po
256.25 - 363.78	PO BL 3	Also occurs as stringers
363.78 - 363.80	ASP STR 1	First appearance of ASP and occurs with less than 1m left before EOH

Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
895539	254.13	254.50	0.37	0.00	0.01
895540	254.50	255.00	0.50	0.00	0.01
895541	255.00	255.51	0.51	0.04	39.00
895542	255.51	256.12	0.61	0.02	19.00
878532	256.12	256.75	0.63	0.16	160.00
895543	256.75	257.24	0.49	0.07	67.00
895544	257.24	257.62	0.38	0.02	15.00
895545	257.62	258.19	0.57	0.05	49.00
895546	258.19	258.70	0.51	0.04	44.00
895547	258.70	259.08	0.38	0.01	14.00
878536	259.08	260.20	1.12	0.13	130.00
895548	260.20	260.70	0.50	0.23	228.00
895524	260.70	260.75	0.05	1.89	1890.00
895549	260.75	260.92	0.17	0.06	63.00
895532	260.92	261.05	0.13	0.02	16.00
895550	261.05	261.35	0.30	0.03	31.00
878537	261.35	261.72	0.37	5.69	5690.00
895551	261.72	262.82	1.10	0.01	6.00
878538	262.82	263.80	0.98	0.07	70.00
895552	263.80	264.08	0.28	0.01	7.00
895523	264.08	264.14	0.06	0.01	13.00
895553	264.14	264.76	0.62	0.02	17.00
895526	264.76	264.85	0.09	0.00	0.01
895554	264.85	265.55	0.70	0.00	0.01
895555	265.55	266.25	0.70	0.00	0.01
895525	266.25	266.31	0.06	0.23	227.00
895556	266.31	266.80	0.49	0.01	11.00

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LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-03** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
			895527	266.80	267.00	0.20	18.90	8900.0
			895557	267.00	267.45	0.45	0.01	6.00
			895558	267.45	268.37	0.92	0.00	0.01
			895528	268.37	268.57	0.20	42.20	2200.0
			895559	268.57	269.25	0.68	0.02	18.00
			878534	269.25	270.75	1.50	0.01	8.00
			878533	270.75	272.15	1.40	0.04	35.00
			895560	272.15	272.26	0.11	0.01	9.00
			895516	272.26	272.70	0.44	6.54	3540.0
			895561	272.70	273.00	0.30	0.08	76.00
			878539	273.00	273.17	0.17	0.02	15.00
			895530	273.17	273.24	0.07	0.02	15.00
			895562	273.24	273.60	0.36	0.01	6.00
			895529	273.60	273.66	0.06	0.01	9.00
			895563	273.66	273.85	0.19	0.01	6.00
			895564	273.85	274.45	0.60	0.01	13.00
			895522	274.45	274.75	0.30	0.01	8.00
			895518	274.75	274.90	0.15	0.01	5.00
			895565	274.90	275.26	0.36	0.04	38.00
			895566	275.26	275.79	0.53	0.73	730.00
			895519	275.79	275.91	0.12	56.90	6900.0
			895567	275.91	276.25	0.34	0.12	118.00
			895517	276.25	276.55	0.30	116.00	16000.0
			895568	276.55	276.83	0.28	2.75	2750.0
			895515	276.83	276.90	0.07	0.20	203.00
			895569	276.90	277.00	0.10	2.73	2730.0
			895514	277.00	277.06	0.06	10.50	0500.0
			895570	277.06	277.60	0.54	0.12	116.00

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-03** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
			895571	277.60	278.05	0.45	0.00	0.01
			895572	278.05	278.45	0.40	0.02	20.00
			895573	278.45	279.00	0.55	0.00	0.01
			895531	279.00	279.05	0.05	0.03	25.00
			895574	279.05	279.60	0.55	0.01	6.00
			895575	279.60	279.76	0.16	0.01	7.00
			895576	279.76	280.30	0.54	0.00	0.01
			895577	280.30	280.75	0.45	0.00	0.01
			895782	290.00	291.00	1.00	0.01	6.00
			895783	295.70	297.20	1.50	0.00	0.01
			895784	298.00	299.36	1.36	0.01	6.00
			895786	299.36	300.67	1.31	0.03	25.00
			895787	300.67	301.55	0.88	0.08	77.00
			895788	357.80	358.20	0.40	0.01	10.00
			895789	363.37	364.37	1.00	0.04	39.00

DRILL HOLE REPORT

Hole Number **MIS-11-04** Project: **JIMINEX** Project Number: **003**

Drilling

Azimuth:	170
Dip:	-60
Length:	252.6
Started:	13-Apr-11
Completed:	15-Apr-11
Logged:	13-Aug-11

Comment:

Casing

Length:	0
Pulled:	no
Capped:	no
Cemented:	no

Core

Dimension:	BTW
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	ACHAPI LAK
Claim No.:	4221454
NTS:	52P/04
Hole:	SURFACE

Coordinate - Gemcom

East:	323740
North:	5671018
Elev.:	363

Coordinate - UTM

East:	323740
North:	5671018
Elev.:	363
Zone: 16	**NAD:** NAD83

Other

Logged by:	Maura Kolb
Relog by:	
Contractor:	Cartwright Drilling
Spotted by:	
Surveyed:	
Surveyed by:	
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	
Multi shot survey:	no

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	170.00	-60.00	C	☑	

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-04** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
0.00	5.90	**15** ***Overburden (Unsubdivided)***						
5.90	68.92	**MV-mafic** ***Metavolcanic- mafic*** Light to Dark grey to slightly green colored very fine grained unit with green specks. Weak to moderate foliation at 50 degrees TCA. Minor carbonate veining (less than 1%) and trace to nil sulfides. Qtz veining occurs from 15.75-15.95m (with Po blebs) and 45.45-45.55m (qtz-carb with black bands). ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 5.90 - 68.92 POPY CU 0 trace-nil ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 5.90 - 68.92 FOL 50						
68.92	71.90	**QFS-FP** ***Quartzofeldspathic Schist w/ feld por*** This unit is tan to light grey in color with feldspar porphyroclasts about 1mm wide. Quartz flooding occurs from 71.8-71.9m at the LC. This unit is foliated 50 degrees TCA. ***Mineralization Maj. :*** ***Type/Style/%Mineral*** ***Comment*** 68.92 - 71.90 POPY DIS 0 trace-nil ***Structure Maj.:*** ***Type/Core Angle*** ***Comment*** 68.92 - 71.90 FOL 50	895801	71.45	71.90	0.45	0.00	0.01
71.90	138.91	**MV-mafic** ***Metavolcanic- mafic*** "Light to Dark grey to slightly green colored very fine grained unit with green specks. Weak to moderate	895802	71.90	72.70	0.80	0.01	9.00

Hole Number **MIS-11-04** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
		foliation averaging 50 degrees TCA although there is a gradual change of foliation around 80m, the foliation becomes 35 degrees TCA then returns to 50 gradually down hole. Minor carbonate veining (less than 1%) and trace to nil sulfides. Qtz veining from 82.15-82.4m (folding above and below vein), 117.1-117.16m and 122.65-122.8m (irregular contacts)."						
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 71.90 - 138.91 POPN DIS 0 trace-nil						
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 71.90 - 80.00 FOL 50 80.00 - 100.00 FOL 35 100.00 - 138.91 FOL 50						
138.91	154.75	**QFS-QP** ***Quartzofeldspathic Schist w/ qtz porp*** This unit is tan to light grey in color with quartz porphyroclasts about 1mm wide. Foliation is strong about 50 degrees TCA.						
154.75	181.41	**MV-mafic** ***Metavolcanic- mafic*** "This unit is a mix of mafic and QFS-QP. The mafic unit is grey to green in color, well foliated and very fine grained. Quartz-carbonate veining from 167.5-168.5m and scattered through the lower portions. Po-py stringers occur in the mafic unit from 182.45-182.55m (~5%). The LC is gradational with patchy QFS-QP. The QFS-QP parts are tan to grey colored with ~1mm wide quartz porphyroclasts and occur from 181.41-182.45m, 182.55-182.88m and 183.28-183.82m."	895803	178.60	179.20	0.60	0.00	0.01
			895804	179.20	180.18	0.98	0.04	40.00
			895806	180.18	181.41	1.23	0.01	14.00

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-04** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
181.41	208.00	**QFS-QP** ***Quartzofeldspathic Schist w/ qtz porp***	895807	181.41	182.38	0.97	0.00	0.01
		This unit is tan to light grey in color with quartz porphyroclasts about 1mm wide. Foliation is strong about 50 degrees TCA. LC has irregular quartz veining with Py and Cpy.	895808	182.38	182.88	0.50	0.00	0.01
			895809	182.88	183.82	0.94	0.00	0.01
			895811	183.82	184.60	0.78	0.00	0.01
			895812	206.85	207.85	1.00	0.00	0.01
		Structure Maj.: ***Type/Core Angle*** ***Comment***						
		181.41 - 208.00 FOL 50						
208.00	219.70	**MS** ***Metasedimentary unsubdivided***	895813	207.85	208.25	0.40	0.00	0.01
		This unit is grey with green and black bands. It is thinly banded and well foliated with sericite altered patches with local Py and Cpy. Sericite altered areas occur from 212.3-213.74m and 219.15-219.7m.	895814	208.25	209.25	1.00	0.00	0.01
			895816	209.25	210.25	1.00	0.00	0.01
			895817	210.25	211.20	0.95	0.00	0.01
			895818	211.20	212.30	1.10	0.00	0.01
			895819	212.30	213.74	1.44	0.00	0.01
			895821	213.74	214.64	0.90	0.00	0.01
			895822	214.64	215.60	0.96	0.00	0.01
			895823	215.60	217.00	1.40	0.00	0.01
			895824	217.00	218.40	1.40	0.00	0.01
			895825	218.40	219.70	1.30	0.00	0.01
219.70	252.60	**MV-mafic** ***Metavolcanic- mafic***	895826	219.70	221.30	1.60	0.00	0.01
EOH		Mafic unit is grey to green in color with qtz-carb veining scattered throughout (3%). The unit is strongly foliated 50 degrees TCA. This unit includes minor unit with quartz porphs (or eyes) it seems to be intermediate with some chlorite patches as well as the typical QFS-QP patches from 241.82-246.89m.	895827	221.30	221.75	0.45	0.00	0.01
			895828	221.75	223.00	1.25	0.00	0.01
			895829	249.64	249.94	0.30	0.00	0.01
		Structure Maj.: ***Type/Core Angle*** ***Comment***						
		219.70 - 252.60 FOL 50						

DRILL HOLE REPORT

Hole Number **MIS-11-05** Project: **JIMINEX** Project Number: **003**

Drilling

Azimuth:	170
Dip:	-70
Length:	503.85
Started:	15-Apr-11
Completed:	08-May-11
Logged:	17-Aug-11
Comment:	

Casing

Length:	0
Pulled:	no
Capped:	no
Cemented:	no

Core

Dimension:	BTW
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	ACHAPI LAK
Claim No.:	3014285
NTS:	52P/04
Hole:	SURFACE

Coordinate - Gemcom

East:	322825
North:	5670752
Elev.:	360

Coordinate - UTM

East:	322825
North:	5670752
Elev.:	360
Zone: 16	**NAD:** NAD83

Other

Logged by:	Maura Kolb
Relog by:	
Contractor:	Cartwright Drilling
Spotted by:	
Surveyed:	
Surveyed by:	
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	
Multi shot survey:	no

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	170.00	-70.00	C	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-05** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
0.00	5.60	**15** ***Overburden (Unsubdivided)***						
5.60	22.00	**ChlS** ***Chlorite Schist***						
		Chlorite schist is green in color and strongly foliated with 5-10% carbonate veining. This unit is magnetite-rich (~10%) with magnetite as small blebs disseminated in the rock.						
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***						
		5.60 - 22.00 BL SP M						
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***						
		5.60 - 22.00 MAG BL 10						
		Structure Maj.: ***Type/Core Angle*** ***Comment***						
		5.60 - 22.00 FOL 55						
22.00	161.60	**MGb** ***Metagabbro***	878515	28.75	28.88	0.13	0.01	13.00
		"Although this unit appears similar in composition to the previous unit the texture differs. This unit is medium to coarse grained, well foliated (~55 TCA) and dark green in color. Carbonate veining occurs scattered throughout this unit as well as disseminated in patches throughout the rock. Magnetite appears stringer-like and becomes more local instead of disseminated like in the previous unit. Locally coarse grained pyroxene crystals appear. A series of quartz veins occur from ~40-50m (including:41.0-41.14m, 44.5-44.75m, 48.43-48.67m, 48.8-48.91m, 49.28-49.32m,49.6-49.7m).Additional quartz veins occur from 102.5-102.6m, 113-113.77m, 113.73-113.77m, 125.4-125.9m, 128.2-128.85m."	895831	40.80	41.50	0.70	0.00	0.01
			895832	44.30	45.00	0.70	0.00	0.01
			895833	45.00	46.10	1.10	0.00	0.01
			895834	46.10	47.00	0.90	0.00	0.01
			895836	47.00	48.25	1.25	0.00	0.01
			895837	48.25	48.75	0.50	0.00	0.01
			895838	48.75	49.45	0.70	0.00	0.01
			895839	49.45	49.95	0.50	0.00	0.01
			895841	49.95	50.35	0.40	0.00	0.01
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***						
		22.00 - 161.60 Carb VN MS						
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***						
		22.00 - 161.60 CPPO BL 0.5						
		22.00 - 161.60 MAG BL 10						

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-05** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
		Structure Maj.: ***Type/Core Angle*** ***Comment***	895842	50.35	51.13	0.78	0.00	0.01
		22.00 - 161.60 FOL 55	878509	102.00	102.42	0.42	0.82	824.00
			895843	102.75	103.45	0.70	0.15	152.00
			895844	103.45	104.43	0.98	0.79	787.00
			895846	125.50	125.90	0.40	0.03	26.00
			895847	125.90	127.40	1.50	0.00	0.01
			895848	127.40	128.20	0.80	0.01	12.00
			895849	128.20	128.85	0.65	0.00	0.01
			895850	135.05	136.25	1.20	0.00	0.01
161.60	250.00	**MGb** ***Metagabbro***	895851	173.00	174.00	1.00	0.03	32.00
		"This unit is medium to coarse grained, moderately foliated (~55 TCA) and dark green in color. Carbonate veining occurs scattered throughout this unit as well as disseminated in patches throughout the rock (5-10%). Magnetite appears stringer-like and as blebs or broken cubes throughout the rock (5-10%). Magnetite varies from medium to coarse grained (as larger as 5mm blebs). Coarse grained pyroxene (diopside?) crystals appear throughout unit and scattered through local chlorite-rich zones. Po and Cpy stringers and blebs are disseminated throughout (~0.5-1%). Coarse grained plagioclase crystals occur throughout the unit and appear pearly. Quartz-carbonate veins 217.65-217.75m, 230.4-230.55m and 245.55-245.85m (irregular contacts)."	895852	174.00	174.85	0.85	0.84	840.00
			895853	174.85	175.75	0.90	5.02	5020.00
			895854	175.75	176.75	1.00	0.00	0.01
			895856	192.50	193.20	0.70	0.00	0.01
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***						
		161.60 - 250.00 Carb VN MS						
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***						
		161.60 - 250.00 MAG BL 5						
		161.60 - 250.00 CPPO BL 0.5						
		Structure Maj.: ***Type/Core Angle*** ***Comment***						
		161.60 - 250.00 FOL 55						

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-05** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
250.00	401.72	**MGb** ***Metagabbro***	895857	326.42	327.45	1.03	0.00	0.01
			895858	327.45	328.20	0.75	0.00	0.01
			895859	328.20	329.00	0.80	0.00	0.01
			895861	329.00	330.50	1.50	0.00	0.01
			895862	330.50	332.05	1.55	0.00	0.01
			895863	332.05	333.30	1.25	0.00	0.01
			895864	333.30	334.30	1.00	0.00	0.01

"This unit is medium to coarse grained, moderately foliated (~50-55 TCA) and dark green in color. Carbonate veining occurs scattered throughout this unit as well as disseminated in patches throughout the rock (5-10%). Magnetite appears stringer-like and as blebs or broken cubes throughout the rock lesser than above (~5%). Magnetite varies from medium to coarse grained. Coarse grained pyroxene (diopside?) crystals appear throughout unit and scattered through local chlorite-rich zones. Po and Cpy stringers and blebs are disseminated throughout (~0.5-1%). Medium grained plagioclase crystals occur throughout the unit and appear pearly. Quartz veins appear from 271.15-271.5m and 307.4-307.65. LC is gradational starting at 392.4m."

Alteration Maj:	***Type/Style/Intensity***	***Comment***
250.00 - 401.72	Carb VN MS	

Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
250.00 - 401.72	MAG BL 5	
250.00 - 401.72	CPPO BL 0.5	

Structure Maj.:	***Type/Core Angle***	***Comment***
250.00 - 401.72	FOL 50	

401.72 481.80 **MV-mafic** ***Metavolcanic- mafic***

"The unit is very fine grained, strongly foliated and grey-green in color. Patches of chlorite occur with large green pyroxene crystals. Quartz-carbonate and plagioclase veining occurs scattered throughout unit. Pegmatitic plagioclase-rich veins occur from 407.45-407.85m, 410.83-411.3m and 412.35-412.45m with qtz-carb veins from 408.9-409m, 409.6-409.65m and 409.8-409.85m. A silicified/bleached zone occurs from 419.2-420.5m"

Structure Maj.:	***Type/Core Angle***	***Comment***
401.72 - 481.80	FOL 50	

481.80 493.35 **QFS-QP** ***Quartzofeldspathic Schist with qtz po***

Hole Number **MIS-11-05** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)

This quartzofeldspathic schist is very sericite-rich and has scattered quartz porph much less than other examples of this unit. This unit is highly sheared and altered. The rock is broken up and much of it has been later altered to clays.

Structure Maj.:	Type/Core Angle	Comment
481.80 - 493.35	BC 0	due to intense foliation
481.80 - 493.35	FOL 50	

493.35 EOH | 503.85 | **MV-mafic** ***Metavolcanic- mafic***

"The UC of this unit is highly altered to sericite and has iron staining (ankerite or illmenite) this alteration appears banded. This alteration zone occurs from 493.35-497.45m after which the rock still has some banding and alteration. The unit is very fine grained, strongly foliated and grey-green in color. Quartz and plagioclase veining occurs scattered throughout unit with sulfides occurring adjacent to some of the veins."

Structure Maj.:	Type/Core Angle	Comment
493.35 - 503.85	FOL 50	

DRILL HOLE REPORT

Hole Number **MIS-11-06** Project: **JIMINEX** Project Number: **003**

Drilling

Azimuth:	170
Dip:	-70
Length:	448.3
Started:	09-May-11
Completed:	13-May-11
Logged:	13-Aug-11

Comment:

Casing

Length:	0
Pulled:	no
Capped:	no
Cemented:	no

Core

Dimension:	NQ
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	ACHAPI LAK
Claim No.:	3014285
NTS:	52P/04
Hole:	SURFACE

Coordinate - Gemcom

East:	323288
North:	5670518
Elev.:	366

Coordinate - UTM

East:	323280
North:	5670518
Elev.:	366
Zone: 16	**NAD:** NAD83

Other

Logged by:	Bobby Scott
Relog by:	
Contractor:	Cartwright Drilling
Spotted by:	
Surveyed:	
Surveyed by:	
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	
Multi shot survey:	no

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	170.00	-70.00	C	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-06** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
0.00	3.68	**15** ***Overburden (Unsubdivided)***						
3.68	42.72	**ChlS** ***Chlorite Schist*** "Chlorite schist is green in color and strongly foliated (~45 degrees TCA). It contained magnetite wisps and stringers (5-10%) with carbonate veining (typically parallel with the foliation ~5%). Pink to red alteration bands and veinlets appear locally throughout beginning at 22m. Quartz veining occurs from 7.26-7.30m, 18.97-19.00m and 20.33-20.34m. Irregular folding occurs from ~21-35m. Sulfide mineralization is trace to 1%, consisting of pyrite and pyrrhotite and minor chalcopyrite. Sulfide mineralization occurs as blebs and stringers within the chloritic matrix, closely following the foliation. Larger concentrations of sulfides occur in the matrix located near the boundaries of some quartz/calcite veining."	895791	7.00	7.60	0.60	0.00	0.01
			895792	18.30	19.80	1.50	0.00	0.01
			895793	19.80	21.12	1.32	0.03	27.00
42.72	142.92	**ChlS** ***Chlorite Schist*** "Chlorite schist is fine grain, medium to light green in color, composed of chlorite, magnetite, carbonate and quartz. The unit is moderately to strongly foliated (~45-50 degrees TCA) and folded in sections. It contained magnetite as clusters of wisps (5-10%) with carbonate veining (typically parallel with the foliation ~5%). Unit is very carbonate-rich from 75.06-90.66m, from 86.08-87.54m the carbonate alteration make the unit appear lighter in color. Pink to red alteration bands and veinlets appear locally throughout ending at 125m. Folding occurs at 55.3-55.78m and from ~60-70m. Sulfide mineralization is trace to 1%, consisting of pyrite and pyrrhotite and minor chalcopyrite. Sulfide mineralization occurs as blebs and stringers within the chloritic matrix, closely following the foliation. Larger concentrations of sulfides occur in the matrix located near the boundaries of some quartz/calcite veining."	895794	47.11	48.61	1.50	0.27	269.00
			895795	48.61	50.11	1.50	0.00	0.01
			895797	50.11	51.61	1.50	0.00	0.01
			895798	51.61	53.11	1.50	0.00	0.01
			895799	53.11	54.61	1.50	0.00	0.01
			895800	54.61	56.11	1.50	0.00	0.01
			895901	56.11	57.61	1.50	0.00	0.01
			895902	57.61	59.11	1.50	0.00	0.01
			895903	59.11	60.61	1.50	0.00	0.01

Alteration Maj: ***Type/Style/Intensity*** ***Comment***

85.00 - 108.00 Carb P S

Hole Number **MIS-11-06** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***	895904	60.61	62.11	1.50	0.02	19.00
		125.25 - 125.30 MAG BL 0	895906	62.11	63.09	0.98	0.02	20.00
142.92	301.74	**ChlS** ***Chlorite Schist***	895907	147.42	148.99	1.57	0.00	0.01
		"Chlorite schist is green in color and strongly foliated 40-50 degrees TCA. It contained magnetite as small blebs (cubes) with local thin wisps (5-10%) with carbonate veining (typically parallel with the foliation ~5%). Sulfide mineralization is trace to 1%, consisting of pyrite and pyrrhotite and minor chalcopyrite. Sulfide mineralization occurs as blebs and stringers within the chloritic matrix, closely following the foliation. Larger concentrations of sulfides occur in the matrix located near the boundaries of some quartz/calcite veining. Sulfides appear as blebs and stringers (3%) from 170.9-173.2m and 219.08-219.56m with irregular folding from 171.5-172.02m fold axis range from 10-20 degrees and 30-50 degrees. Plagioclase porphyroclasts (light blue in color) appear in this unit from 255.86- 289.06m. Foliation varies from 42-60 degrees from 283.33 to LC. Gradational contact, the unit begins to be less magnetite-rich from 284.06m to LC."	895908	171.00	172.37	1.37	0.03	26.00
			895909	172.37	173.20	0.83	0.01	11.00
			895911	178.66	179.21	0.55	0.00	0.01
			895912	179.21	179.95	0.74	0.00	0.01
			895913	179.95	180.81	0.86	0.01	11.00
			895914	180.81	182.41	1.60	0.00	0.01
			895916	182.41	183.67	1.26	0.00	0.01
			895917	192.68	193.40	0.72	0.00	0.01
			895918	218.82	219.60	0.78	0.00	0.01
			895919	219.60	220.73	1.13	0.00	0.01
			895921	230.26	231.26	1.00	0.00	0.01
			895922	252.13	252.78	0.65	0.00	0.01
			895923	252.78	253.80	1.02	0.00	0.01
			895924	266.38	267.87	1.49	0.02	17.00
			895925	267.87	268.98	1.11	0.04	37.00
			895926	273.68	275.12	1.44	0.00	0.01
			895927	285.93	287.43	1.50	0.02	22.00
			895928	287.43	288.93	1.50	0.00	0.01
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***						
		3.68 - 301.74 ASP BL 1 One spec at 283.75						
		3.68 - 301.74 CP BL 1 minor occurances						
		3.68 - 301.74 PO BL 2 usually subordinate to Py. Occurs as stringers as well.						
		3.68 - 301.74 PY BL 3 Dominiant form of sulfide. Also occurs as disseminated and stringers						

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-06** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology
301.74 EOH	448.30	**MS** ***Metasedimentary-Greywacke*** "This unit is fine grain, light green and grey and is moderately to strongly foliated (40-50 degrees TCA). This unit is less chlorite-rich than the chlorite schist with about 30 % chlorite. This metasedimentary unit also has blebs and/or veinlets of quartz and carbonate which are interpreted as being fragments of boudinaged veins. They are orientated towards the foliation and can have tails on either side; these fragments occur from 301.74-318.38m. Mineralization includes trace to 1% pyrrhotite with generally less pyrite occurring in the matrix as stringers and blebs. Localized units of chlorite and magnetite with sulfide mineralization occur sparingly throughout the unit. Minor quartz-carbonate veining (1%) is present and generally not mineralized. Veins with mineralization include: 341.65-341.69m (Po/Py), 347.85-347.9m (Po/Py), 377.52-278.30m (qtz vein) and 387.69-388.46m (qtz vein). Carbonate alteration occurs from 407.25-408.7m. Biotite appears as wisps beginning at ~400m and continues to EOH."

Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
895936	387.59	388.56	0.97	0.06	64.00
895929	308.88	310.38	1.50	0.00	0.01
895931	335.50	336.12	0.62	0.01	6.00
895932	341.49	342.13	0.64	0.15	148.00
895933	347.52	348.10	0.58	0.03	33.00
895934	377.42	378.51	1.09	0.00	0.01
895937	386.25	387.59	1.34	0.03	30.00

Mineralization Maj. :	Type/Style/%Mineral	Comment
301.74 - 424.40	CP BL 1	Rare
301.74 - 424.40	PY BL 2	Also occurs as stringers
301.74 - 424.40	PO BL 3	Dominate sulfide mineralization. Also occurs as stringers in matrix

DRILL HOLE REPORT

Hole Number **MIS-11-07** Project: **JIMINEX** Project Number: **003**

Drilling

Azimuth:	170
Dip:	-45
Length:	253.15
Started:	14-May-11
Completed:	16-May-11
Logged:	13-Aug-11
Comment:	

Casing

Length:	0
Pulled:	no
Capped:	no
Cemented:	no

Core

Dimension:	BTW
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	ACHAPI LAK
Claim No.:	3014285
NTS:	52P/04
Hole:	SURFACE

Other

Logged by:	Maura Kolb
Relog by:	
Contractor:	Cartwright Drilling
Spotted by:	
Surveyed:	
Surveyed by:	
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	
Multi shot survey:	no

Coordinate - Gemcom

East:	323288
North:	5670518
Elev.:	366

Coordinate - UTM

East:	323280
North:	5670518
Elev.:	366
Zone: 16	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	170.00	-45.00	C	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-07** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
0.00	6.10	**15** ***Overburden (Unsubdivided)***						
6.10	110.45	**ChlS** ***Chlorite Schist*** Chlorite schist is green in color and strongly foliated. It contained magnetite wisps and stringers (5-10%) with carbonate veining (typically parallel with the foliation ~5%). There is a series of quartz veins with Py mineralization from 40.85-41.75m with iron staining in the matrix sections. There are scattered areas where irregular folding and s-folds occur. The s-folds axis is 50 degrees TCA (same as foliation).	895875	40.75	41.90	1.15	0.19	188.00
110.45	114.25	**ChlS** ***Chlorite Schist*** Chlorite schist is green in color and strongly foliated. It contained magnetite as clusters of wisps (5-10%) with carbonate veining (typically parallel with the foliation ~5%). Pink alteration bands and veinlets which sometimes appear with qtz-carb-plag veins are scattered throughout the unit from 85-112m.						

Structure Maj.:	Type/Core Angle	Comment
6.10 - 110.45	FOL 50	

Structure Maj.:	Type/Core Angle	Comment
110.45 - 114.25	FOL 45	

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-07** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology
114.25	253.15	**ChlS** ***Chlorite Schist***

"Chlorite schist is green in color and strongly foliated 45 degrees TCA. It contained magnetite as small blebs (cubes) with local thin wisps (5-10%) with carbonate veining (typically parallel with the foliation ~5%). Veins occur from 150.15-150.3m, 194.3-194.66m (qtz-carb), 204.5-204.55m (qtz with chl), 204.96-205m (qtz with sulfides), 212.4-212.65m(qtz-carb with sulfides, irregular contacts and nearly parallel with core axis), 213.25-213.32m (qtz with sulfides), 213.7-213.8m (qtz-carb minor sulfides). Quartz veining and silicification occur from 229.5-236m with Po/py and local Asp mineralization (1-2%). Carbonate veining increases slightly from ~236-EOH with chl and iron staining alteration appearing as thin bands. Sulfide stringers also appear throughout this area ~0.5% with local bands of Asp blebs from 252.55-252.75m."

Structure Maj.:	*Type/Core Angle*	*Comment*
114.25 - 253.15	FOL 45	

Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
895876	128.70	129.00	0.30	0.00	0.01
895877	150.00	150.54	0.54	0.00	0.01
895578	174.80	174.90	0.10	0.01	11.00
895579	175.66	175.74	0.08	0.58	576.00
895878	193.45	194.15	0.70	0.00	0.01
895879	194.15	194.75	0.60	0.00	0.01
895881	204.35	205.05	0.70	0.01	12.00
895882	212.20	212.80	0.60	0.00	0.01
895883	212.80	213.90	1.10	0.00	0.01
895884	213.90	215.40	1.50	0.00	0.01
895580	229.29	229.81	0.52	0.00	0.01
895581	229.81	230.46	0.65	0.01	9.00
895582	230.46	231.95	1.49	0.97	969.00
895583	231.95	232.24	0.29	0.36	362.00
895584	232.24	232.72	0.48	0.26	263.00
895585	232.72	233.52	0.80	0.01	7.00
895586	233.52	234.00	0.48	0.02	18.00
895587	234.00	234.25	0.25	0.02	21.00
895588	234.25	234.51	0.26	0.07	68.00
895589	234.51	234.85	0.34	3.60	3600.00
895590	234.85	235.26	0.41	0.16	161.00
895591	235.26	235.45	0.19	0.02	19.00
895592	235.45	235.75	0.30	2.40	2400.00
895593	235.75	236.35	0.60	1.37	1370.00
895594	236.35	236.86	0.51	0.01	5.00
895595	236.86	237.51	0.65	0.01	6.00
895596	237.51	237.90	0.39	0.01	7.00
895597	237.90	238.41	0.51	0.00	0.01

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-07** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
			895598	238.41	238.97	0.56	0.01	6.00
			895886	238.97	240.15	1.18	0.00	0.01
			895887	240.15	240.65	0.50	0.01	10.00
			895888	240.65	241.85	1.20	0.00	0.01
			895889	241.85	243.35	1.50	0.00	0.01
			895891	243.35	244.70	1.35	0.00	0.01
			895892	244.70	245.10	0.40	0.04	35.00
			895893	245.10	246.50	1.40	0.00	0.01
			895894	246.50	248.00	1.50	0.00	0.01
			895896	248.00	249.00	1.00	0.01	10.00
			895897	249.00	250.00	1.00	0.00	0.01
			895898	250.00	250.95	0.95	0.00	0.01
			895899	250.95	251.70	0.75	0.00	0.01
			895900	251.70	252.35	0.65	0.00	0.01
			895951	252.35	253.15	0.80	0.16	155.00

DRILL HOLE REPORT

Hole Number **MIS-11-08** Project: **JIMINEX** Project Number: **003**

Drilling

Azimuth:	170
Dip:	-45
Length:	250.1
Started:	16-May-11
Completed:	17-May-11
Logged:	13-Aug-11

Comment:

Casing

Length:	0
Pulled:	no
Capped:	no
Cemented:	no

Core

Dimension:	BTW
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	ACHAPI LAK
Claim No.:	3014285
NTS:	52P/04
Hole:	SURFACE

Coordinate - Gemcom

East:	323233
North:	5670517
Elev.:	360

Coordinate - UTM

East:	323233
North:	5670517
Elev.:	360
Zone: 16	**NAD:** NAD83

Other

Logged by:	Maura Kolb
Relog by:	
Contractor:	Cartwright Drilling
Spotted by:	
Surveyed:	
Surveyed by:	
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	
Multi shot survey:	no

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	170.00	-45.00	C	☑	

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-08** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
0.00	10.85	**15** ***Overburden (Unsubdivided)***						
10.85	61.00	**ChlS** ***Chlorite Schist*** "Chlorite schist with ~3% carbonate veining. Well foliated ~45 degrees TCA. Magnetite occurs as clusters of wisps (5-10%). Pink alteration occur in this unit, it appears as patches, veinlets and bands. Minor blebs and stringers of sulfides are disseminated through this unit. A quartz vein occur from 51.55-51.6m with other smaller qtz-carb veins typically parallel to the foliated."						
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***						
		10.85 - 61.00 Carb VN MS						
		Structure Maj.: ***Type/Core Angle*** ***Comment***						
		10.85 - 61.00 FOL 45						
61.00	67.21	**ChlS** ***Chlorite Schist*** Well foliated chlorite schist with ~3% carbonate veining. Magnetite as small blebs (or cubes) disseminated through the unit. Minor sulfides as blebs and stringers scattered through unit. A quartz veins occur from 62.5-62.65m with other smaller qtz-carb veins typically parallel to the foliated.						
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***						
		61.00 - 67.21 Carb VN MS						
		Structure Maj.: ***Type/Core Angle*** ***Comment***						
		61.00 - 67.21 FOL 45						

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-08** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
67.21	69.35	**ChlS** ***Chlorite Schist*** "Chlorite schist with ~3% carbonate veining. Well foliated ~45 degrees TCA. Magnetite occurs as clusters of wisps (5-10%). Pink alteration occur in this unit, it appears as patches, veinlets and bands. Minor blebs and stringers of sulfides are disseminated through this unit"						
		Structure Maj.: ***Type/Core Angle*** ***Comment***						
		67.21 - 69.35 FOL 45						
69.35	250.10	**ChlS** ***Chlorite Schist***	895959	173.85	175.45	1.60	0.01	6.00
EOH		"Well foliated chlorite schist with ~3% carbonate veining. Magnetite as small blebs (or cubes) disseminated through the unit with the exception of one magnetite poor area from 87.3-90.4m. Minor sulfides as blebs and stringers scattered through unit. Quartz veins occur from 86.8-86.89m, 94.9-95m (qtz-carb), 109.65-109.73m, 110.02-110.12m, 111.25-111.45m (contact 35 degrees TCA), scattered qtz veining from 140-142m (with widest vein from 140.3-140.5m), 175.53-175.87m (with sulfide),207.7-207.75m (vein cross cuts the foliated), 211.6-211.7m (with sulfides). In addition a bleached/silicified zone occurs from 154.5-155.75m (no sulfides) and quartz carbonate veins with coarse grained biotite occur from 232.3-232.5m and 235.35-235.4m. Foliation is ~45 degree TCA. Starting from about 240m-EOH magnetite content decreases and carbonate increases."	895961	175.45	176.05	0.60	0.00	0.01
			895962	207.60	208.50	0.90	0.00	0.01
			895963	211.50	211.90	0.40	0.00	0.01
			895964	211.90	213.40	1.50	0.00	0.01
			895966	213.40	214.65	1.25	0.00	0.01
			895967	214.65	215.10	0.45	0.12	121.00
		Structure Maj.: ***Type/Core Angle*** ***Comment***						
		69.35 - 250.10 FOL 45						

DRILL HOLE REPORT

Hole Number **MIS-11-09** Project: **JIMINEX** Project Number: **003**

Drilling

Azimuth:	170
Dip:	-60
Length:	258
Started:	19-May-11
Completed:	22-May-11
Logged:	13-Aug-11
Comment:	

Casing

Length:	0
Pulled:	no
Capped:	no
Cemented:	no

Core

Dimension:	BTW
Storage:	Core Shed
Section:	
Hole Type	DD

Location

Township:	ACHAPI LAK
Claim No.:	3014285
NTS:	52P/04
Hole:	SURFACE

Other

Logged by:	Maura Kolb
Relog by:	
Contractor:	Cartwright Drilling
Spotted by:	
Surveyed:	
Surveyed by:	
Geophysics:	
Geophysic Contractor:	
Left in hole:	
Making water:	
Multi shot survey:	no

Coordinate - Gemcom

East:	321694
North:	5670331
Elev.:	360

Coordinate - UTM

East:	321694
North:	5670331
Elev.:	360
Zone: 16	**NAD:** NAD83

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	170.00	-60.00	C	☑	

Fladgate Exploration consulting corporation

LITHOLOGY REPORT
- Detailed -

Hole Number **MIS-11-09** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
0.00	7.85	**15** ***Overburden (Unsubdivided)***						
7.85	14.53	**QFS** ***Quartzofeldspathic Schist*** "Metasedimentary unit, overall light grey in color with thin bands of sericite, biotite, quartz and feldspar. This unit is well foliated at 55 degrees TCA. With many ductilely deformed quartz veins or quartz flooded areas."	895968	12.40	13.40	1.00	0.00	0.01
			895969	13.40	14.10	0.70	0.00	0.01
			895971	14.10	14.53	0.43	0.00	0.01
14.53	21.30	**ChlGarS** ***Chlorite Garnet Schist*** Chlorite-garnet schist well foliated 55 degrees TCA. Garnet-rich from 16.7-20m with 15-20% garnet with less than 5% in the rest of the unit. This unit is magnetic from 17.5-17.75m.	895972	14.53	15.37	0.84	0.06	60.00
			895610	15.37	15.64	0.27	1.45	1450.00
			895611	18.20	18.87	0.67	0.02	19.00
			895612	19.55	19.80	0.25	0.01	5.00
			895613	21.00	21.26	0.26	0.30	299.00
21.30	23.20	**MS** ***Metasedimentary-Greywacke*** "Dark grey colored, fine grained metasedimentary unit with major quartz flooding at UC from 21-21.35m and again from 22.46-23.15m."	895973	21.26	22.30	1.04	0.00	0.01
			895974	22.30	23.20	0.90	0.00	0.01

Hole Number **MIS-11-09** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
23.20	27.10	**QFS** ***Quartzofeldspathic Schist*** "Metasedimentary unit, light grey overall color. Thinly banded with pink, black and green colored bands. This unit is well foliated at 50 degrees TCA."						
27.10	33.70	**QFS-QP** ***Quartzofeldspathic schist w/ qtz porp*** This unit is light grey in color with quartz porphyroclasts. It is strongly foliated at 55 degrees TCA. Sericite alteration is pervasive moderate intensity.	895975	29.33	30.00	0.67	0.00	0.01
			895976	30.00	31.60	1.60	0.00	0.01
			895977	31.60	33.00	1.40	0.00	0.01
			895978	33.00	34.00	1.00	0.00	0.01
33.70	34.00	**VN-QC** ***Quartz-carbonate vein*** Massive quartz-feldspar-carbonate vein. UC 55 degrees TCA and LC 50 Degrees TCA. The vein is white to pinkish tan in color.						
34.00	34.28	**QFS** ***Quartzofeldspathic Schist*** "Metasedimentary unit, light grey overall color. Thinly banded with pink, black and green colored bands. This unit is well foliated at 50 degrees TCA."						

Hole Number **MIS-11-09** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
34.28	34.61	**VN-QC** ***Quartz-carbonate vein*** Massive quartz-feldspar-carbonate vein. The vein is white to pinkish tan in color.	895979	34.00	35.00	1.00	0.00	0.01
34.61	35.00	**MS** ***Metasedimentary unsubdivided*** "Quartz flooded dark grey fine grained metasedimentary unit, irregularly folded up with black biotite."						
35.00	54.20	**MS** ***Metasedimentary unsubdivided*** Dark grey color with pink and green bands. The unit is very fine grained and well foliated.	895981	35.00	36.55	1.55	0.00	0.01
			895614	45.05	45.20	0.15	0.06	59.00
			895615	48.67	49.06	0.39	0.05	47.00
			895616	51.45	51.85	0.40	0.30	295.00
			895982	51.85	53.00	1.15	0.01	12.00
			895983	53.00	54.20	1.20	0.00	0.01
54.20	73.20	**QFS** ***Quartzofeldspathic Schist*** "Quartzofeldspathic schist with intense sericite alteration and moderate biotite alteration. Irregular folding occurs from 56.7-59.55m with many of the fold axis 50 degrees TCA. From 67.5-73.2m the rock becomes very pink to tan in color. Quartz flooding occurs from 54.55-55.15m, 55.55-59m, 61.7-61.75m, 63.5-63.7m and 65.7-65.8m."	895984	54.20	55.20	1.00	0.00	0.01
			895986	55.20	56.00	0.80	0.00	0.01
			895987	56.00	57.00	1.00	0.00	0.01
			895988	57.00	58.00	1.00	0.00	0.01
			895989	58.00	58.90	0.90	0.00	0.01
			895617	71.75	72.16	0.41	0.01	7.00

Alteration Maj:	*Type/Style/Intensity*	*Comment*
54.20 - 73.20	Ser P I	

Hole Number **MIS-11-09** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
73.20	76.35	**IF-Ch** ***IF-Chert*** "Metachert? Sulfide-rich, very fine grained grey to green color rock. Sulfides occur as stringers Py/Po ~10%."	895618	73.88	74.25	0.37	0.05	51.00
			895619	74.25	74.74	0.49	0.04	36.00
			895620	74.74	75.26	0.52	0.06	60.00
			895621	75.26	75.57	0.31	0.03	30.00
			895622	75.57	76.25	0.68	0.02	17.00
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***						
		73.20 - 76.35 POPY STR 10						
76.35	84.20	**QFS** ***Quartzofeldspathic Schist*** "This unit is thinly banded pink, tan and dark grey in color. It is strongly foliated 50 degrees TCA. Quartz flooding 79-80.7 and 84.12-84.2m."	895991	79.00	80.10	1.10	0.00	0.01
			895992	80.10	81.00	0.90	0.00	0.01
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***						
		76.35 - 84.20 Ser P M						
84.20	94.30	**QFS-QP** ***Quartzofeldspathic schist w/ qtz porp*** "This unit is thinly banded pink, tan and dark grey in color with quartz porphyroclasts ~1mm wide. It is strongly foliated 50 degrees TCA. Quartz flooding occurs from 93.1-93.8m, 92.05-92.10m and 85.85-85.95m."	895993	93.25	94.46	1.21	0.00	0.01
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***						
		84.20 - 94.30 Ser P M						
		Structure Maj.: ***Type/Core Angle*** ***Comment***						

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Hole Number **MIS-11-09** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
94.30	96.75	**IF-Clastic** ***IF-Interbedded w/ clastic*** "This banded iron formation is made up of thin chert, magnetite and clastic bands. The clastic bands are typically chlorite-rich but also contain garnets and biotite. This unit contained Po stringers and/or thin bands (5%)."	895623	94.46	94.75	0.29	1.52	1520.00
			895624	95.35	95.89	0.54	2.03	2030.00
			895625	95.89	96.20	0.31	6.25	3250.00
			895626	96.20	96.73	0.53	0.04	43.00
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 94.30 - 96.75 PO STR 5						
96.75	98.56	**QFS-QP** ***Quartzofeldsparthic w/ qtz porphs*** "This unit is thinly banded pink, tan and dark grey in color with quartz porphyroclasts ~1mm wide. It is strongly foliated 50 degrees TCA."						
		Alteration Maj: ***Type/Style/Intensity*** ***Comment*** 96.75 - 98.56 Ser P M						
		Structure Maj.: ***Type/Core Angle*** ***Comment*** 96.75 - 98.56 FOL 55						
98.56	99.55	**IF-Clastic** ***IF-Interbedded w/ clastic*** "This banded iron formation is made up of thin chert, magnetite and clastic bands. The clastic bands are typically chlorite-rich but also contain garnets and biotite. This unit contained Po stringers and/or thin bands (5%). Asp blebs appear in this unit ~1%. This unit also has thin light green grunerite bands. There is a Z-fold at the LC."	895627	98.57	98.95	0.38	0.09	88.00
			895628	98.95	99.47	0.52	0.13	125.00
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment*** 98.56 - 99.55 ASP BL 1 98.56 - 99.55 PO STR 5						

Hole Number **MIS-11-09** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
		Structure Maj.: ***Type/Core Angle*** ***Comment***						
		98.56 - 99.55 FOL 50						
99.55	103.86	**MS** ***Metasedimentary-Greywacke***						
		"Green-grey to pinkish in color, very fine grained. This unit is weakly foliated, appears more massive."						
103.86	105.41	**IF-Clastic** ***IF-Interbedded w/ clastic***	895629	103.89	104.35	0.46	0.03	27.00
		"This banded iron formation is made up of thin chert, magnetite and clastic bands. The clastic bands are typically chlorite-rich but also contain minor garnets and biotite. This unit contained Po stringers and/or thin bands (5%). This BIF is more chert-rich than previous units. Quartz vein from 105.15-105.25m."	895994	104.35	104.86	0.51	0.42	421.00
			895630	104.86	105.41	0.55	0.44	437.00
105.41	181.52	**QFS-QP** ***Quartzofeldspathic Schist w/ qtz porp***						
		"This unit is light grey in color with bands of pink, light green and grey. It is strongly foliated 55 degrees TCA. There is a breccia zone from 106.85-107.2m."						

Hole Number **MIS-11-09** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
181.52	241.40	**MS** ***Metasedimentary-Greywacke*** "This unit is light grey color it is lighter than the typical meta-greywacke unit from 181.52-198.9m. The unit then becomes more typical grey-green color. It is very fine grained with a sugary texture. The unit is banded with local Py-rich areas. Py occurs as blebs and stringers. This unit contains patches which are more pelitic and appear as chlorite-garnet schist. These pelitic intervals occur from 213.55-213.75m, 217-215.5m, 228.8-230m and 231.35-231.85m. Quartz veining occurs from 183.8-184.1m, 210.5-210.9m, 215-215.2m, 216.3-217.1m, 221-221.25m, 222.7-222.9m and 225.1-225.2m."	895631	187.05	187.45	0.40	0.05	45.00
			895632	202.50	202.77	0.27	0.01	7.00
			895633	210.50	210.75	0.25	0.16	164.00
			895634	222.70	223.20	0.50	0.38	380.00
			895635	223.20	223.75	0.55	0.63	634.00
			895636	223.75	224.55	0.80	2.25	2250.00
			895637	234.33	234.65	0.32	0.01	7.00
			895638	236.00	236.42	0.42	0.01	10.00
			895639	236.42	236.85	0.43	0.11	106.00
			895640	236.85	237.19	0.34	0.03	27.00
			895641	237.19	237.51	0.32	0.01	5.00
			895642	237.51	237.85	0.34	0.03	28.00
			895643	237.85	238.31	0.46	0.03	25.00
			895644	238.31	238.91	0.60	0.03	30.00
			895645	238.91	239.36	0.45	0.06	60.00
			895646	239.36	240.20	0.84	0.04	36.00
			895647	240.20	240.85	0.65	0.02	22.00
			895648	241.17	241.32	0.15	0.18	176.00
241.40	248.50	**MS-C** ***Metaconglomerate*** This unit is banded with large clasts and a fine grained matrix (similar to the previous unit). It is rich with Py as blebs and stringers ~1% locally higher.	895996	241.40	241.70	0.30	0.09	94.00
			895997	241.70	242.25	0.55	0.02	23.00
			895649	242.25	242.67	0.42	0.51	507.00
			895650	242.67	243.12	0.45	0.02	16.00
			895651	243.12	243.74	0.62	0.09	93.00
			895652	243.74	244.05	0.31	0.02	22.00
			895653	244.05	244.50	0.45	0.01	11.00
			895654	244.50	245.17	0.67	0.05	50.00
			895655	245.17	245.51	0.34	0.00	0.01

Hole Number **MIS-11-09** Project: **JIMINEX** Project Number: **3**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Au (g/t)	Au50 (ppb)
			895656	245.51	246.02	0.51	0.05	51.00
			895998	246.02	247.50	1.48	0.24	243.00
			895999	247.50	248.50	1.00	0.06	61.00
248.50	258.00	**MS** ***Metasedimentary-Greywacke***	896000	248.50	249.75	1.25	0.00	0.01
EOH		This unit is grey-green in color. It is banded with local Py stringers. Quartz veining occurs from 254.9-255.05m and 254.35-254.42m.	895657	249.75	250.15	0.40	0.06	58.00
			895658	250.15	250.40	0.25	0.02	24.00
			895659	250.60	250.70	0.10	0.06	64.00
			895660	253.55	254.13	0.58	0.15	147.00
			895661	254.87	255.03	0.16	0.19	191.00
			895662	257.59	258.00	0.41	0.20	202.00

Structure Maj.:	*Type/Core Angle*	*Comment*
248.50 - 258.00	FOL 55	