

ASSESSMENT REPORT

2012 Geological Mapping and Soil Sampling

TAMAKA GOLD CORPORATION, GOLDLUND PROJECT

Kenora and Patricia Mining Divisions, Ontario, Canada

Township Areas:

Kenora Division: LAVAL and MACFIE

Patricia Division: ECHO, JORDAN, KABIK LAKE AREA, KEIKEWABIK LAKE AREA, MCAREE,
PICKEREL, VERMILLION and WEBB

NTS 52F/16SW, SE, NW, NE Centred at:

Latitude/Longitude: 49°52'28.21" N/ 92°19'08.00" W

UTM NAD 83, Zone 15, 548940 mE, 5524900 mN

Prepared For:



TAMAKA GOLD

October 24, 2012

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Table of Contents

Table of Contents	1
List of Figures	2
List of Tables	2
List of Appendices	3
1 Introduction	4
1.1 Introduction	4
1.2 Terms of Reference and Units	4
2 Property Description and Location	8
2.1 Property Location	8
2.2 Ontario Mineral Policy	8
3 Accessibility, Physiography, Infrastructure and First Nations	18
3.1 Accessibility.....	18
3.2 Physiography	18
3.2.1 Topography and Drainage.....	18
3.2.2 Climate	18
3.2.3 Flora and Fauna	19
3.3 Infrastructure	19
4 History	19
4.1.1 Quyta Showing.....	23
4.1.2 Jacobus Creek Showing	23
4.1.3 Eaglelund Showing	23
4.1.4 Miller Showing	23
4.1.5 Miles Showing	23
4.1.6 Other Showings	24
5 Geological Setting and Mineralization	26
5.1 Regional Geology.....	26
5.2 Structure.....	27
5.3 Property Geology	29
5.4 Mineralization	31
6 Deposit Types	32
7 Current Program	32



7.1	Grid Mapping & Prospecting	33
7.2	B-horizon soil survey	33
8	Sampling Method and Approach.....	34
8.1	Grab Sampling	34
8.2	Soil Sampling	34
9	Sample Preparation, Analysis and Security.....	34
9.1	Sample Preparation	34
9.1.1	On-Site Preparation.....	34
9.1.2	Laboratory Preparation.....	34
9.2	Sample Analyses	35
9.3	Tamaka QA/QC Program	35
9.4	Security	35
10	Results & Interpretations	35
10.1	Mapping Results	35
10.2	Grab Sampling results.....	36
10.3	Soil Sampling results.....	37
11	Recommendations.....	38
12	References	39
13	Date.....	40
14	Statement of Qualifications	41

List of Figures

Figure 1 – Goldlund Property Location Map.....	10
Figure 2 – Gold occurrences on the Goldlund Property	25
Figure 3-Regional geology of Goldlund Property area (modified from McCracken, et al. 2010)28	
Figure 4 - Geology of the Goldlund Property.....	30

List of Tables

Table 1 – Glossary of Terms	4
Table 2 – Units of Measure	5
Table 3 – Common Conversion Factors.....	8
Table 4 – Goldlund Property Unpatented Mining Claims	11
Table 5 – Goldlund Dispositions	11
Table 6 – Historic exploration on the Goldlund Property	20
Table 7 – Historic surface and underground drilling on Goldlund Property	20



Table 8 –Summary of Resource Mineral Estimate 22
Table 9 – Proposed Budget for Follow-Up Exploration Program..... 38

List of Appendices

Appendix I Work and Cost Schedule..... end of report
Appendix II Regional Grab Sample Results end of report
Appendix III Soil Sample Results end of report
Appendix IV Assay Certificates end of report
Appendix V Figures for Mapping & Soil Sampling..... end of report



1 Introduction

1.1 Introduction

The Goldlund Property is located in the Kenora and Patricia mining districts and consists of 274 patented and unpatented mining claims, totaling 2,919 units and 46,704 hectares. Historic exploration on the property dates back to the 1940's and includes surface exploration programs and underground development on the Goldlund deposit.

The deposit was mined in the 1980's by Camchib mining who recovered 18,000 ounces of gold from underground and open pit production of approximately 100,000 tons (90,718.5 t) at 0.14 oz/t (4.8 g/t) Au and 39,000 tons (35,380.2 t) at 0.15 oz/t Au (5.1 g/t) Au respectively. The Goldlund deposit is situated near the centre of the Goldlund Property and consists of en-echelon, gold-bearing quartz veins typically within competent felsic intrusives. The deposit is subdivided into seven zones which have a combined strike length to date of over 3 km.

Between July and October, 2012, Tamaka Gold Corp. carried out a program of mapping, prospecting and soil sampling over several claims in the northeastern part of the property. This program was part of a larger exploration program on the Goldlund Property during the summer of 2012, which in addition to mapping, soil sampling and prospecting, involved trenching and geophysics.

1.2 Terms of Reference and Units

This report was prepared at the request of Tamaka Gold, Corp. for the use of filing assessment as required under the Ontario Mining Act.

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 ₂ O	sodium oxide
Al	Aluminum	NAD 83	North American Datum of 1983
Al ₂ O ₃	aluminum oxide	NE	Northeast
AW	apparent width	NI	National Instrument



Term	Meaning	Term	Meaning
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 ₂ O 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 ₂ O 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
Fe	Iron	SO ₂	sulphur dioxide
Fe ₂ O ₃	iron oxide (ferric oxide-hematite)	Sr	Strontium
Fe ₃ O ₄	iron oxide (ferrous oxide-magnetite)	Sum	Summation
HLEM	horizontal loop electromagnetic	SW	Southwest
H ₂ O	hydrogen oxide (water)	Ti	Titanium
IP	induced polarization	TiO ₂	titanium dioxide
K	Potassium	TI	Thallium
K ₂ O	potassium oxide	TW	true width
Li	Lithium	U	Uranium
LOI	loss on ignition (total H ₂ O, CO ₂ and SO ₂ content)	U ₃ O ₈	uranium oxide (yellowcake)
Mg	Magnesium	UTM	Universal Transverse Mercator
MgO	magnesium oxide	V	Vanadium
Mn	Manganese	V ₂ O ₅	vanadium oxide
MNDMF	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	Megabytes per second	Mb/s
Ampere	A	Megapascal	MPa



Units of Measure	Abbreviation	Units of Measure	Abbreviation
Annum (year)	a	Megavolt-ampere	MVA
Billion years ago	Ga	Megawatt	MW
British thermal unit	Btu	Metre	m
Candela	cd	Metres above sea level	masl
Carat	ct	Metres per minute	m/min
Carats per hundred tonnes	cpht	Metres per second	m/s
Carats per tonne	cpt	Metric ton (tonne)	t
Centimetre	cm	Micrometre (micron)	µm
Cubic centimetre	cm ³	Microsiemens (electrical)	µs
Cubic feet per second	ft ³ /s or cfs	Miles per hour	mph
Cubic foot	ft ³	Miles	mi
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
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	∅	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 m ²)	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



Units of Measure	Abbreviation	Units of Measure	Abbreviation
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
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
Litres per minute	L/m	Weight Percent	Wt%

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 Property Description and Location

2.1 Property Location

The Goldlund Property (“the Property”) is located within the Kenora and Patricia mining districts and spans ten townships which include Laval, Echo, Macfie, Jordan, Kabik Lake Area, Keikewabik Lake Area, Mcaree, Pickerel, Vermillion, Webb. The Property is comprised of 274 mixed patented and non-patented contiguous claims, totaling 2,919 units and 46,704 hectares (Table 4 and 5).

2.2 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 www.mndm.gov.on.ca).

At the time of writing the core portions of the long established mining areas in Ontario, including the Project, 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.



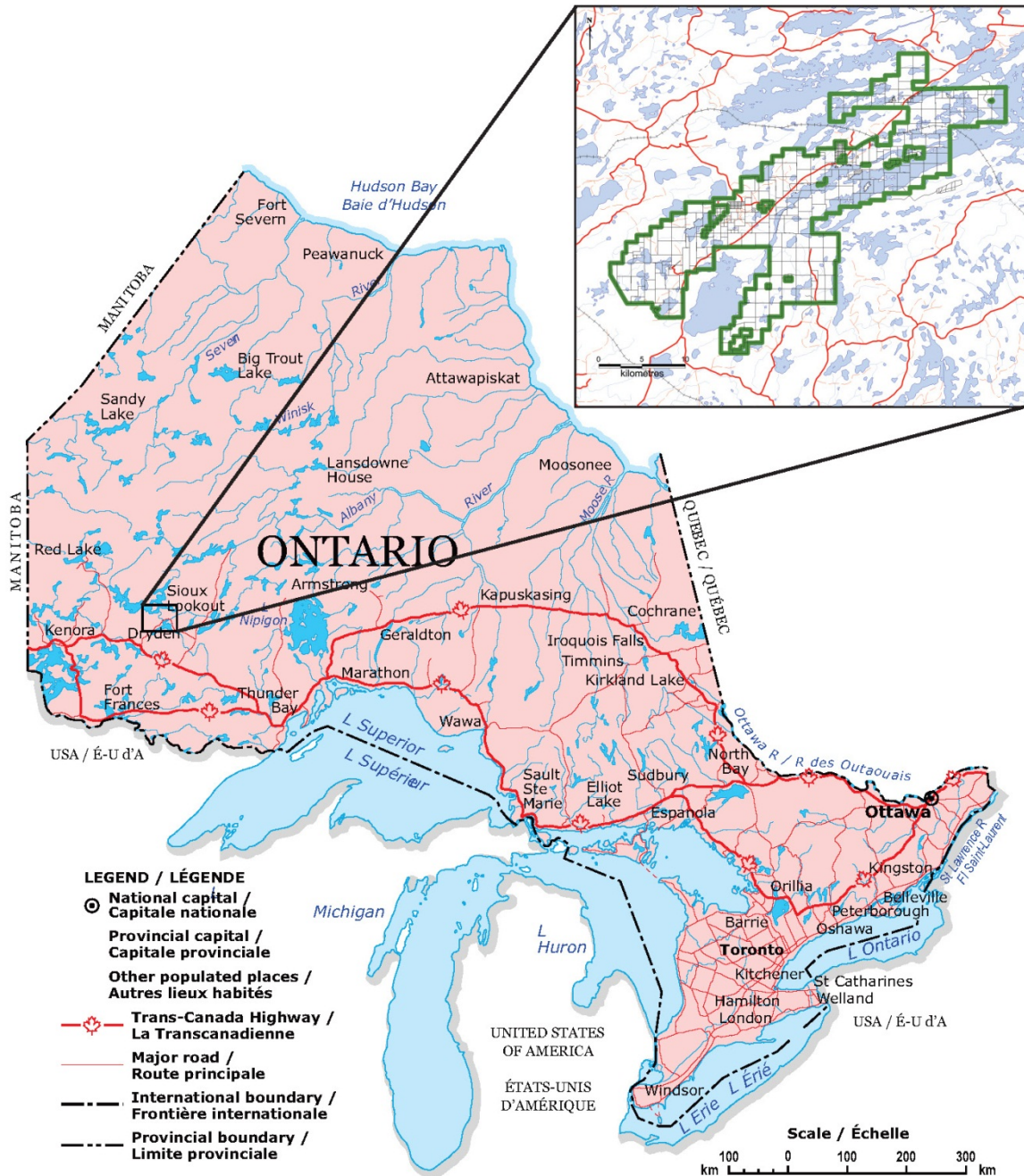
A staked mining claim provides the owner the exclusive right to explore for minerals. Once a claim is staked, the owner must perform exploration work to maintain it in good standing. This is called assessment work. This work must amount to at least CAD\$400 per claim unit (1 unit = 16 ha) per year and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



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 Sa Majesté la Reine du chef du Canada, Ressources naturelles Canada.

Figure 1 – Goldlund Property Location Map



Table 4 – Goldlund Property Unpatented Mining Claims

Township /Area	Claim Number	Recording Date	Percent Option	Work Required	Total Applied	Units	Ha
ECHO	1162943	2002-Aug-08	100%	\$800	\$10,400	2	32
ECHO	1166865	2000-Mar-29	100%	\$2,400	\$31,200	6	96
ECHO	1191761	2001-Nov-13	100%	\$1,200	\$22,800	3	48
ECHO	1191762	2001-Nov-23	100%	\$400	\$4,800	1	16
ECHO	1199268	2001-Nov-30	100%	\$1,600	\$20,800	4	64
ECHO	1247989	2002-Apr-15	100%	\$1,600	\$16,000	4	64
ECHO	3002714	2002-Aug-02	100%	\$800	\$8,800	2	32
ECHO	3002715	2002-Nov-18	100%	\$3,600	\$32,400	9	144
ECHO	3002721	2002-Sep-17	100%	\$400	\$5,600	1	16
ECHO	3004264	2002-Sep-17	100%	\$400	\$4,400	1	16
ECHO	3004265	2002-Nov-05	100%	\$677	\$25,723	6	96
ECHO	3019655	2005-Sep-30	100%	\$800	\$4,800	2	32
ECHO	3019657	2005-Sep-30	100%	\$1,600	\$9,600	4	64
ECHO	3019757	2005-Aug-11	100%	\$3,600	\$21,600	9	144
ECHO	3019764	2005-Aug-11	100%	\$5,600	\$36,400	14	224
ECHO	3019765	2005-Aug-11	100%	\$1,314	\$30,686	8	128
ECHO	3019766	2005-Aug-11	100%	\$4,800	\$28,800	12	192
ECHO	3019767	2005-Aug-11	100%	\$5,600	\$33,600	14	224
ECHO	3019768	2005-Aug-11	100%	\$4,000	\$24,000	10	160
ECHO	4200423	2006-Jan-13	100%	\$2,190	\$21,810	10	160
ECHO	4200424	2006-Jan-13	100%	\$5,200	\$26,000	13	208
ECHO	4200425	2006-Jan-13	100%	\$6,400	\$32,000	16	256
ECHO	4200426	2006-Jan-13	100%	\$1,600	\$8,000	4	64
ECHO	4200428	2006-Jan-13	100%	\$4,000	\$20,000	10	160
ECHO	4206886	2006-Sep-29	100%	\$6,000	\$30,000	15	240
ECHO	4256615	2010-Sep-28	100%	\$1,600	\$1,600	4	64
ECHO	4256616	2010-Sep-28	100%	\$6,400	\$6,400	16	256
ECHO	4263723	2012-Feb-09	100%	\$3,600	\$0	9	144
ECHO	4263724	2012-Feb-09	100%	\$3,200	\$0	8	128
ECHO	4263725	2012-Feb-09	100%	\$2,000	\$0	5	80
JORDAN	4256609	2010-Sep-28	100%	\$4,800	\$4,800	12	192
JORDAN	4256610	2010-Sep-28	100%	\$4,800	\$4,800	12	192
JORDAN	4256611	2010-Sep-28	100%	\$5,200	\$5,200	13	208
KABIK LAKE AREA	4200306	2006-Jan-13	100%	\$1,600	\$8,000	4	64
KABIK LAKE AREA	4200349	2006-Jan-13	100%	\$1,600	\$12,800	4	64
KABIK LAKE AREA	4200350	2006-Jan-13	100%	\$6,400	\$32,000	16	256
KABIK LAKE AREA	4206884	2006-Sep-29	100%	\$6,400	\$32,000	16	256



Township /Area	Claim Number	Recording Date	Percent Option	Work Required	Total Applied	Units	Ha
KABIK LAKE AREA	4261467	2011-Apr-26	100%	\$6,400	\$0	16	256
KABIK LAKE AREA	4261470	2011-Apr-26	100%	\$6,400	\$0	16	256
KABIK LAKE AREA	4261473	2011-Apr-26	100%	\$6,400	\$0	16	256
KEIKEWABIK LAKE AREA (PAT)	4200320	2006-Mar-20	100%	\$6,400	\$32,000	16	256
KEIKEWABIK LAKE AREA (PAT)	4200321	2006-Mar-20	100%	\$6,400	\$32,000	16	256
KEIKEWABIK LAKE AREA (PAT)	4200325	2006-Mar-20	100%	\$6,400	\$32,000	16	256
KEIKEWABIK LAKE AREA (PAT)	4200326	2006-Mar-20	100%	\$5,200	\$26,000	13	208
KEIKEWABIK LAKE AREA (PAT)	4200327	2006-Mar-20	100%	\$6,400	\$32,000	16	256
KEIKEWABIK LAKE AREA (PAT)	4200328	2006-Mar-20	100%	\$6,400	\$32,000	16	256
KEIKEWABIK LAKE AREA (PAT)	4200329	2006-Mar-20	100%	\$6,400	\$32,000	16	256
KEIKEWABIK LAKE AREA (PAT)	4200330	2006-Mar-20	100%	\$6,400	\$32,000	16	256
KEIKEWABIK LAKE AREA (PAT)	4200331	2006-Mar-20	100%	\$4,800	\$24,000	12	192
KEIKEWABIK LAKE AREA (PAT)	4200332	2006-Mar-20	100%	\$4,800	\$24,000	12	192
KEIKEWABIK LAKE AREA (PAT)	4206883	2006-Sep-29	100%	\$6,400	\$32,000	16	256
KEIKEWABIK LAKE AREA (PAT)	4243574	2008-Aug-15	100%	\$400	\$1,200	1	16
KEIKEWABIK LAKE AREA (PAT)	4253410	2011-Aug-26	100%	\$2,400	\$0	6	96
KEIKEWABIK LAKE AREA (PAT)	4261465	2011-Apr-26	100%	\$6,400	\$0	16	256
KEIKEWABIK LAKE AREA (PAT)	4261466	2011-Apr-26	100%	\$6,400	\$0	16	256
KEIKEWABIK LAKE AREA (PAT)	4261468	2011-Apr-26	100%	\$6,400	\$0	16	256
KEIKEWABIK LAKE AREA (PAT)	4261469	2011-Apr-26	100%	\$6,400	\$0	16	256
KEIKEWABIK LAKE AREA (PAT)	4261471	2011-Apr-26	100%	\$6,400	\$0	16	256
KEIKEWABIK LAKE AREA (PAT)	4261472	2011-Apr-26	100%	\$6,400	\$0	16	256
KEIKEWABIK LAKE AREA (PAT)	4261474	2011-Apr-26	100%	\$5,600	\$0	14	224
KEIKEWABIK LAKE AREA (PAT)	4261475	2011-Apr-26	100%	\$6,400	\$0	16	256
KEIKEWABIK LAKE AREA (PAT)	4261476	2011-Apr-26	100%	\$4,800	\$0	12	192
KEIKEWABIK LAKE AREA (PAT)	4261477	2011-Apr-26	100%	\$4,800	\$0	12	192
KEIKEWABIK LAKE AREA (PAT)	4261478	2011-Apr-26	100%	\$6,000	\$0	15	240
KEIKEWABIK LAKE AREA (PAT)	4261479	2011-Apr-26	100%	\$5,200	\$0	13	208



Township /Area	Claim Number	Recording Date	Percent Option	Work Required	Total Applied	Units	Ha
MCAREE	3019656	2005-Sep-30	100%	\$1,600	\$9,600	4	64
MCAREE	3019701	2005-Nov-04	100%	\$800	\$4,800	2	32
MCAREE	3019758	2005-Aug-05	100%	\$6,000	\$36,000	15	240
MCAREE	3019759	2005-Aug-05	100%	\$3,600	\$21,600	9	144
MCAREE	3019760	2005-Aug-05	100%	\$6,400	\$38,400	16	256
MCAREE	3019761	2005-Aug-05	100%	\$6,000	\$36,000	15	240
MCAREE	4200317	2006-Mar-20	100%	\$6,400	\$32,000	16	256
MCAREE	4200318	2006-Mar-20	100%	\$6,400	\$32,000	16	256
MCAREE	4200322	2006-Mar-20	100%	\$6,400	\$32,000	16	256
MCAREE	4200323	2006-Mar-20	100%	\$4,800	\$24,000	12	192
MCAREE	4200324	2006-Mar-20	100%	\$6,000	\$30,000	15	240
MCAREE	4206885	2006-Sep-29	100%	\$3,000	\$35,400	16	256
MCAREE	4224122	2010-Aug-30	100%	\$3,600	\$3,600	9	144
MCAREE	4241203	2008-Oct-27	100%	\$800	\$2,400	2	32
MCAREE	4253233	2011-Jan-24	100%	\$1,200	\$0	3	48
MCAREE	4254836	2010-Nov-02	100%	\$1,200	\$1,200	3	48
MCAREE	4256601	2010-Sep-28	100%	\$1,600	\$1,600	4	64
MCAREE	4256602	2010-Sep-28	100%	\$6,000	\$6,000	15	240
MCAREE	4256603	2010-Sep-28	100%	\$2,400	\$2,400	6	96
MCAREE	4256604	2010-Sep-28	100%	\$4,000	\$4,000	10	160
MCAREE	4256605	2010-Sep-28	100%	\$400	\$400	1	16
MCAREE	4256606	2010-Sep-28	100%	\$6,400	\$6,400	16	256
MCAREE	4256607	2010-Sep-28	100%	\$4,000	\$4,000	10	160
MCAREE	4256608	2010-Sep-28	100%	\$6,400	\$6,400	16	256
PICKEREL	3019755	2005-Aug-11	100%	\$2,800	\$16,800	7	112
PICKEREL	3019756	2005-Aug-11	100%	\$4,800	\$33,600	12	192
PICKEREL	4200304	2006-Jan-13	100%	\$3,600	\$18,000	9	144
PICKEREL	4200305	2006-Jan-13	100%	\$2,884	\$16,316	8	128
PICKEREL	4200342	2006-Jan-13	100%	\$6,400	\$38,400	16	256
PICKEREL	4200343	2006-Jan-13	100%	\$6,400	\$32,000	16	256
PICKEREL	4200344	2006-Jan-13	100%	\$6,400	\$38,400	16	256
PICKEREL	4200345	2006-Jan-13	100%	\$6,400	\$32,000	16	256
PICKEREL	4200346	2006-Jan-13	100%	\$1,600	\$8,000	4	64
PICKEREL	4200347	2006-Jan-13	100%	\$6,400	\$32,000	16	256
PICKEREL	4200348	2006-Jan-13	100%	\$6,400	\$32,000	16	256
PICKEREL	4200351	2006-Jan-13	100%	\$5,600	\$33,600	14	224
PICKEREL	4200429	2006-Jan-13	100%	\$5,600	\$28,000	14	224
PICKEREL	4200430	2006-Jan-13	100%	\$6,400	\$38,400	16	256
PICKEREL	4200431	2006-Jan-13	100%	\$2,400	\$12,000	6	96
PICKEREL	4200432	2006-Jan-13	100%	\$4,800	\$24,000	12	192
PICKEREL	4222883	2008-Jan-31	100%	\$800	\$3,200	2	32



Township /Area	Claim Number	Recording Date	Percent Option	Work Required	Total Applied	Units	Ha
VERMILION	4200307	2006-Jan-13	100%	\$2,400	\$12,000	6	96
WEBB	4253224	2011-Jan-24	100%	\$2,400	\$0	6	96
WEBB	4253225	2011-Jan-24	100%	\$6,400	\$0	16	256
WEBB	4253228	2011-Jan-24	100%	\$6,400	\$0	16	256
WEBB	4253229	2011-Jan-24	100%	\$6,400	\$0	16	256
WEBB	4253230	2011-Jan-24	100%	\$6,400	\$0	16	256
LAVAL	3012443	2005-Sep-30	100%	\$4,800	\$28,800	12	192
LAVAL	3012472	2005-Sep-30	100%	\$5,600	\$33,600	14	224
LAVAL	3012488	2005-Sep-30	100%	\$4,400	\$26,400	11	176
LAVAL	3012489	2005-Sep-30	100%	\$6,400	\$38,400	16	256
LAVAL	3012490	2005-Sep-30	100%	\$6,400	\$38,400	16	256
LAVAL	3012491	2005-Sep-30	100%	\$3,600	\$21,600	9	144
LAVAL	3012492	2005-Sep-30	100%	\$2,400	\$14,400	6	96
LAVAL	3012493	2005-Sep-30	100%	\$6,400	\$38,400	16	256
LAVAL	3012494	2005-Sep-30	100%	\$5,200	\$31,200	13	208
LAVAL	3012496	2005-Sep-30	100%	\$2,400	\$14,400	6	96
LAVAL	3019677	2005-Nov-24	100%	\$6,400	\$38,400	16	256
LAVAL	3019693	2005-Nov-24	100%	\$6,000	\$36,000	15	240
LAVAL	3019695	2005-Nov-24	100%	\$2,000	\$12,000	5	80
LAVAL	3019749	2005-Sep-30	100%	\$4,800	\$28,800	12	192
LAVAL	3019751	2005-Aug-11	100%	\$3,200	\$19,200	8	128
LAVAL	3019752	2005-Aug-11	100%	\$2,400	\$14,400	6	96
LAVAL	3019753	2005-Aug-11	100%	\$3,600	\$21,600	9	144
LAVAL	3019754	2005-Aug-11	100%	\$4,800	\$28,800	12	192
LAVAL	3019762	2005-Aug-05	100%	\$3,600	\$21,600	9	144
LAVAL	3019763	2005-Aug-05	100%	\$1,200	\$7,200	3	48
LAVAL	4200311	2006-Feb-16	100%	\$6,400	\$32,000	16	256
LAVAL	4200312	2006-Feb-16	100%	\$6,400	\$32,000	16	256
LAVAL	4214543	2008-Nov-14	100%	\$6,400	\$19,200	16	256
LAVAL	4224123	2010-Aug-30	100%	\$6,000	\$6,000	15	240
LAVAL	4224124	2010-Dec-02	100%	\$6,000	\$6,000	15	240
LAVAL	4241202	2008-Oct-31	100%	\$400	\$1,200	1	16
LAVAL	4253227	2011-Jan-24	100%	\$1,600	\$0	4	64
LAVAL	4253231	2011-Jan-24	100%	\$6,400	\$0	16	256
LAVAL	4253232	2011-Jan-24	100%	\$5,600	\$0	14	224
LAVAL	4256613	2010-Sep-28	100%	\$6,400	\$6,400	16	256
LAVAL	4256614	2010-Sep-28	100%	\$6,400	\$6,400	16	256
LAVAL	4256869	2012-Feb-09	100%	\$1,600	\$0	4	64
MACFIE	4200314	2006-Mar-20	100%	\$5,600	\$28,000	14	224
MACFIE	4200315	2006-Mar-20	100%	\$6,400	\$32,000	16	256
MACFIE	4200316	2006-Mar-20	100%	\$5,600	\$28,000	14	224



Township /Area	Claim Number	Recording Date	Percent Option	Work Required	Total Applied	Units	Ha
MACFIE	4224121	2010-Aug-30	100%	\$2,400	\$2,400	6	96
MACFIE	4253409	2011-Aug-08	100%	\$800	\$0	2	32
MACFIE	4261461	2011-Apr-26	100%	\$4,400	\$0	11	176
MACFIE	4261462	2011-Apr-26	100%	\$5,600	\$0	14	224
MACFIE	4261463	2011-Apr-26	100%	\$4,000	\$0	10	160
MACFIE	4261464	2011-Apr-26	100%	\$2,800	\$0	7	112
DRAYTON	4259026	2010-Nov-12	100%	\$2,400	\$0	6	96
DRAYTON	4259035	2010-Nov-12	100%	\$3,600	\$0	9	144
DRAYTON	4259039	2010-Nov-12	100%	\$3,600	\$0	9	144
DRAYTON	4259041	2010-Nov-12	100%	\$4,800	\$0	12	192
DRAYTON	4259042	2010-Nov-12	100%	\$6,400	\$0	16	256
DRAYTON	4259045	2010-Nov-12	100%	\$3,200	\$0	8	128
DRAYTON	4259046	2010-Nov-12	100%	\$6,400	\$0	16	256
DRAYTON	4259048	2010-Nov-12	100%	\$3,200	\$0	8	128
DRAYTON	4259049	2010-Nov-12	100%	\$6,400	\$0	16	256
DRAYTON	4259706	2010-Nov-10	100%	\$4,800	\$0	12	192
DRAYTON	4259708	2010-Nov-10	100%	\$6,400	\$0	16	256
DRAYTON	4259710	2010-Nov-10	100%	\$6,400	\$0	16	256
DRAYTON	4259711	2010-Nov-10	100%	\$6,400	\$0	16	256
DRAYTON	4259713	2010-Nov-10	100%	\$6,400	\$0	16	256
DRAYTON	4259714	2010-Nov-10	100%	\$6,400	\$0	16	256
DRAYTON	4262794	2011-Apr-18	100%	\$2,000	\$0	5	80
DRAYTON	4262795	2011-Apr-18	100%	\$3,200	\$0	8	128
JORDAN	4256223	2010-Nov-12	100%	\$2,800	\$0	7	112
JORDAN	4256224	2010-Nov-12	100%	\$4,800	\$0	12	192
JORDAN	4256225	2010-Nov-12	100%	\$6,400	\$0	16	256
JORDAN	4256226	2010-Nov-12	100%	\$3,200	\$0	8	128
JORDAN	4256235	2010-Nov-12	100%	\$3,200	\$0	8	128
JORDAN	4256236	2010-Nov-12	100%	\$6,400	\$0	16	256
JORDAN	4256237	2010-Nov-12	100%	\$4,800	\$0	12	192
JORDAN	4256238	2010-Nov-12	100%	\$3,200	\$0	8	128
JORDAN	4256239	2010-Nov-12	100%	\$6,400	\$0	16	256
JORDAN	4256240	2010-Nov-10	100%	\$6,400	\$0	16	256
JORDAN	4259021	2010-Nov-10	100%	\$4,800	\$0	12	192
JORDAN	4259703	2010-Nov-10	100%	\$6,400	\$0	16	256
JORDAN	4259704	2010-Nov-10	100%	\$2,400	\$0	6	96
JORDAN	4259705	2010-Nov-10	100%	\$6,400	\$0	16	256
JORDAN	4259707	2010-Nov-10	100%	\$6,400	\$0	16	256
JORDAN	4259709	2010-Nov-10	100%	\$6,400	\$0	16	256
JORDAN	4259712	2010-Nov-10	100%	\$3,200	\$0	8	128
JORDAN	4259715	2010-Nov-10	100%	\$2,000	\$0	5	80



Township /Area	Claim Number	Recording Date	Percent Option	Work Required	Total Applied	Units	Ha
JORDAN	4259716	2010-Nov-10	100%	\$1,200	\$0	3	48
JORDAN	4259717	2010-Nov-10	100%	\$1,200	\$0	3	48
JORDAN	4259718	2010-Nov-10	100%	\$3,200	\$0	8	128
JORDAN	4259719	2010-Nov-10	100%	\$2,400	\$0	6	96
JORDAN	4259720	2010-Nov-10	100%	\$2,000	\$0	5	80
JORDAN	4262783	2011-Apr-18	100%	\$3,200	\$0	8	128
JORDAN	4262784	2011-Apr-18	100%	\$3,200	\$0	8	128
JORDAN	4262785	2011-Apr-20	100%	\$6,400	\$0	16	256
KABIK LAKE AREA	4256201	2010-Nov-10	100%	\$2,400	\$0	6	96
KABIK LAKE AREA	4256202	2010-Nov-10	100%	\$5,600	\$0	14	224
KABIK LAKE AREA	4256203	2010-Nov-10	100%	\$4,800	\$0	12	192
KABIK LAKE AREA	4256204	2010-Nov-10	100%	\$6,400	\$0	16	256
KABIK LAKE AREA	4256205	2010-Nov-10	100%	\$6,400	\$0	16	256
KABIK LAKE AREA	4256206	2010-Nov-10	100%	\$6,400	\$0	16	256
KABIK LAKE AREA	4256207	2010-Nov-10	100%	\$3,200	\$0	8	128
KABIK LAKE AREA	4256208	2010-Nov-10	100%	\$6,400	\$0	16	256
KABIK LAKE AREA	4256211	2010-Nov-10	100%	\$1,600	\$0	4	64
KABIK LAKE AREA	4256212	2010-Nov-10	100%	\$2,400	\$0	6	96
KABIK LAKE AREA	4256213	2010-Nov-10	100%	\$4,000	\$0	10	160
KABIK LAKE AREA	4256214	2010-Nov-10	100%	\$3,600	\$0	9	144
KABIK LAKE AREA	4256215	2010-Nov-10	100%	\$3,200	\$0	8	128
KABIK LAKE AREA	4256216	2010-Nov-10	100%	\$5,200	\$0	13	208
KABIK LAKE AREA	4256217	2010-Nov-10	100%	\$3,200	\$0	8	128
KABIK LAKE AREA	4256218	2010-Nov-10	100%	\$4,800	\$0	12	192
KABIK LAKE AREA	4256219	2010-Nov-10	100%	\$4,800	\$0	12	192
KABIK LAKE AREA	4256220	2010-Nov-10	100%	\$3,200	\$0	8	128
KABIK LAKE AREA	4256221	2010-Nov-10	100%	\$3,600	\$0	9	144
KABIK LAKE AREA	4256222	2010-Nov-10	100%	\$3,200	\$0	8	128
KABIK LAKE AREA	4256228	2010-Nov-10	100%	\$6,400	\$0	16	256
KABIK LAKE AREA	4256229	2010-Nov-10	100%	\$2,400	\$0	6	96
KABIK LAKE AREA	4256230	2010-Nov-10	100%	\$6,400	\$0	16	256
KABIK LAKE AREA	4256231	2010-Nov-10	100%	\$3,200	\$0	8	128
KABIK LAKE AREA	4256232	2010-Nov-10	100%	\$3,200	\$0	8	128
KABIK LAKE AREA	4256234	2010-Nov-10	100%	\$4,800	\$0	12	192
KABIK LAKE AREA	4256241	2010-Nov-10	100%	\$4,800	\$0	12	192
KABIK LAKE AREA	4256242	2010-Nov-10	100%	\$3,600	\$0	9	144
KABIK LAKE AREA	4256243	2010-Nov-10	100%	\$4,800	\$0	12	192
KABIK LAKE AREA	4256872	2010-Oct-27	100%	\$3,200	\$0	8	128
KABIK LAKE AREA	4256873	2010-Oct-27	100%	\$3,200	\$0	8	128
KABIK LAKE AREA	4256875	2010-Oct-27	100%	\$3,200	\$0	8	128
KABIK LAKE AREA	4256876	2010-Oct-27	100%	\$6,400	\$0	16	256



Township /Area	Claim Number	Recording Date	Percent Option	Work Required	Total Applied	Units	Ha
KABIK LAKE AREA	4256878	2010-Oct-27	100%	\$3,200	\$0	8	128
KABIK LAKE AREA	4256879	2010-Oct-27	100%	\$6,400	\$0	16	256
KABIK LAKE AREA	4256880	2010-Oct-27	100%	\$1,600	\$0	4	64
KABIK LAKE AREA	4256882	2010-Nov-01	100%	\$3,200	\$0	8	128
KABIK LAKE AREA	4256883	2010-Nov-01	100%	\$6,400	\$0	16	256
KABIK LAKE AREA	4256888	2010-Nov-01	100%	\$6,400	\$0	16	256
KABIK LAKE AREA	4256889	2010-Oct-27	100%	\$6,400	\$0	16	256
KABIK LAKE AREA	4259023	2010-Nov-10	100%	\$2,400	\$0	6	96
KABIK LAKE AREA	4259024	2010-Nov-10	100%	\$4,800	\$0	12	192
KABIK LAKE AREA	4259025	2010-Nov-10	100%	\$6,400	\$0	16	256
KABIK LAKE AREA	4259032	2010-Nov-10	100%	\$4,800	\$0	12	192
KABIK LAKE AREA	4259033	2010-Nov-10	100%	\$4,800	\$0	12	192
KABIK LAKE AREA	4262781	2011-Apr-18	100%	\$1,600	\$0	4	64
KABIK LAKE AREA	4262782	2011-Apr-18	100%	\$3,200	\$0	8	128
KABIK LAKE AREA	4262791	2011-Apr-18	100%	\$800	\$0	2	32
KABIK LAKE AREA	4262792	2011-Apr-18	100%	\$800	\$0	2	32
KABIK LAKE AREA	4262793	2011-Apr-18	100%	\$2,400	\$0	6	96
PARNES LAKE AREA	4259022	2010-Nov-10	100%	\$4,800	\$0	12	192
PARNES LAKE AREA	4259027	2010-Nov-12	100%	\$4,800	\$0	12	192
PARNES LAKE AREA	4259028	2010-Nov-10	100%	\$6,400	\$0	16	256
PARNES LAKE AREA	4259029	2010-Nov-10	100%	\$4,800	\$0	12	192
PARNES LAKE AREA	4259030	2010-Nov-10	100%	\$4,800	\$0	12	192
PARNES LAKE AREA	4259031	2010-Nov-10	100%	\$2,400	\$0	6	96
PARNES LAKE AREA	4259036	2010-Nov-12	100%	\$6,400	\$0	16	256
PARNES LAKE AREA	4259037	2010-Nov-10	100%	\$6,400	\$0	16	256
PARNES LAKE AREA	4259043	2010-Nov-10	100%	\$6,400	\$0	16	256
PARNES LAKE AREA	4259047	2010-Nov-10	100%	\$6,400	\$0	16	256
PARNES LAKE AREA	4259050	2010-Nov-10	100%	\$6,400	\$0	16	256
PICKEREL	4256871	2010-Oct-27	100%	\$1,600	\$0	4	64
PICKEREL	4256874	2010-Oct-27	100%	\$3,200	\$0	8	128
PICKEREL	4256877	2010-Oct-27	100%	\$3,600	\$0	9	144
PICKEREL	4256881	2010-Oct-27	100%	\$2,400	\$0	6	96
PICKEREL	4256884	2010-Oct-27	100%	\$1,600	\$0	4	64
PICKEREL	4256885	2010-Oct-27	100%	\$1,600	\$0	4	64
PICKEREL	4256886	2010-Oct-27	100%	\$4,000	\$0	10	160



Township /Area	Claim Number	Recording Date	Percent Option	Work Required	Total Applied	Units	Ha
PICKEREL	4256887	2010-Oct-27	100%	\$6,400	\$0	16	256
VERMILION	4259701	2010-Nov-10	100%	\$6,400	\$0	16	256
VERMILION	4259702	2010-Nov-10	100%	\$6,400	\$0	16	256

Table 5 – Goldund Dispositions

Township/Area	Disposition	Total Applied	Units	Ha
ECHO	KRL18720	\$290,819	1	16
ECHO	436895	\$0	3	48
ECHO	KRL18722	\$175,482	1	16
ECHO	KRL18723	\$158,400	1	16
ECHO	KRL18724	\$179,842	1	16
ECHO	KRL18809	\$287,559	1	16
ECHO	KRL18812	\$513,401	1	16

3 Accessibility, Physiography, Infrastructure and First Nations

3.1 Accessibility

Access to the Property is via Ontario Provincial Highway 72, approximately 30 km from Dryden, ON and approximately 45 km southwest of Sioux Lookout, ON. A private all weather gravel road leads from this point to the Property. The road into the Property would require upgrading to sustain any form of mining operations, but is accessible by two-wheel drive vehicle for exploration.

Regularly scheduled passenger air service and charter flights are available to the towns of Dryden and Sioux Lookout.

3.2 Physiography

3.2.1 Topography and Drainage

The area has low relief covered with a number of small lakes and sparse coniferous forest with locally abundant outcrops. The elevation in the low-lying areas is in the order of 500 m above mean sea level. Vegetation consists predominantly of black spruce, balsam fir and tamarack trees, typical of the Canadian Shield. Parts of the areas are also covered by drumlins and by glacial till. Overburden cover ranges from 1 to 10 m.

3.2.2 Climate



The climate in this part of Northern Ontario is continental to subarctic. The mean temperature during the winter months is -17 degrees Celsius (°C) and the mean temperature during the summer months is 16°C. The average annual precipitation is approximately 690 millimetres (mm). The closest weather stations are located in the towns of Dryden and Sioux Lookout (Source: Meteorological Service of Canada).

3.2.3 Flora and Fauna

The Property is situated in the Northern Coniferous Section of the Boreal Forest Region of northwestern Ontario. Forest stands are typically mixed with a variety of species including black and white spruce with balsam fir, aspen, and birch. Jack pine stands occur in well drained coarse textured soil areas. Shrubs in the area include blueberries, Labrador tea and leather leaf.

Wildlife (mammals) typical of the region include moose, wolf, lynx, bobcat, fisher, marten, wolverine, river otter, least weasel, short-tail weasel, mink, snowshoe hare, red squirrel and beaver. Numerous species of birds are known to occur in the region.

3.3 Infrastructure

Local mining-related infrastructure is limited in the towns of Dryden and Sioux Lookout, which are dependent on pulp-and-paper and tourism industries.

There is some infrastructure at the site including an old mill and some historical mine buildings. During exploration, electrical power for local operations is obtained from diesel generators.

4 History

This summary of historic work is modified from the report “Technical Report and Resource Estimate on the KRP Deposit, KRP Project, Sioux Lookout, Ontario” by Todd McCracken, et al.

Exploration of the Project dates back to the 1940s. From the late 1940s to 1988, intermittent exploration was carried out by various companies mainly on five gold bearing zones. Past work included shaft sinking, driving a ramp and underground development, including drifting and crosscuts on four levels.

There was a major period of exploration in the area from 1946 to 1952, in response to the discovery of gold mineralization in the southeastern part of Echo Township. The historic Newlund and Windward gold deposits were discovered during this period.

The Newlund prospect saw extensive underground exploration (4,570 m of drifts and crosscuts, 6,220 m of diamond drilling) through five levels, via a 255 m deep shaft. The first level (200 ft) of the Newlund/Goldlund workings extends for over 3.2 km, connecting on the west with the 68 m shaft of the Windward prospect, crossing the entire Windward claim block (Page, 1984).

Virtually no work was carried out on the Echo Township gold prospects from 1952 to 1973. In 1974, Goldlund Mines Limited rehabilitated most of the surface facilities and re-sampled portions of the first and second levels (Page, 1984). In total, approximately 46,000 m (151,000 ft) of surface drilling has



been completed in 506 holes, and more than 18,290 m (60,000 ft) of underground drilling has been completed in 466 holes. Table 5 shows the past exploration and development work completed by the various companies on the Project area. Table 6 displays statistics from the various drilling campaigns conducted by the different companies.

Table 6 – Historic exploration on the Goldlund Property

Year	Company	Type of Work					
		Geology	Geophysics	Trenching	Surface Sampling	Diamond Drilling	Und. Dev.
1941-47	Lunward Gold Mines					X	
1945, 47	Windward Gold Mines					X	
1950	Conecho Mines					X	
1946-50	East Lun Gold		X			X	X
1951,52	Newland						X
1971	Windfall Oil &	X				X	
1976-80	Goldlund Mines					X	
1980	Windfall Oils &						
1984	Goldlund Mines					X	
1987	Camreco Inc.		X	X	X	X	
1988	Camreco Inc.					X	X
1991, 92	Noranda	X	X	X		X	
1992	Camreco Inc.						
2003	Atikwa			X	X		
2003	Quartz Crystal Dryden			X	X		
2007-08	Tamaka					X	
2011	Tamaka	X			X	X	

Table 7 – Historic surface and underground drilling on Goldlund Property

Past Surface Drilling				
Year	Company	No. Holes	Amount (ft)	Amount (m)
1941	Lunward Gold Mines Ltd.	3	973	297
1942	Lunward Gold Mines Ltd.	25	6,494	1,979
1945	Lunward Gold Mines Ltd.	44	3,526	1,075
1946	Lunward Gold Mines Ltd.	77	28,925	8,816
1947	Lunward Gold Mines Ltd.	16	5,896	1,797
1947	Windward Gold Mines	18	8,247	2,514
1976	Goldlund Mines Limited	11	4,046	1,233
1977	Goldlund Mines Limited	6	1,452	443
1979	Goldlund Mines Limited	106	14,248	4,343
1980	Windfall Oils and Mines	67	24,202	7,377
1981	Goldlund Mines Limited	2	664	202



1984	Goldlund Mines Limited	6	814	248
1987	Camreco Inc.	24	23,718	7,229
1988	Camreco Inc.	65	24,345	7,420
1989	Camreco Inc.	33	3,088	941
1991	Noranda Exploration Co Ltd	3	658	201
2007	Tamaka	43	33,602	10,242
2008	Tamaka	66	62,250	18,974
2011	Tamaka	25	34,997	10,667
		640	186,293	85,998
Past Underground Drilling - 200 Level				
Year	Company	No. Holes	Amount (ft)	Amount (m)
1950	Newlund Mines Limited	40	6,175	1,882
1951	Newlund Mines Limited	22	3,858	1,176
1951	Windward Gold Mines	17	3,197	974
1952	Newlund Mines Limited	20	2,273	693
1973	Rayrock Mines Ltd.	22	2,150	655
1979	Goldlund Mines Ltd.	107	13,290	4,051
1980	Goldlund Mines Ltd.	26	2,136	651
1983	Goldlund Mines Ltd.	16	1,632	497
1984	Goldlund Mines Ltd.	24	3,736	1,139
		294	38,447	11,719
Past Underground Drilling - 350 Level				
Year	Company	No. Holes	Amount (ft)	Amount (m)
1951	Newlund Mines Limited	15	2,102	641
1952	Newlund Mines Limited	3	196	60
1973	Rayrock Mines Ltd.	19	2,607	795
1979	Goldlund Mines Ltd.	59	7,045	2,147
		96	11,950	3,642
Past Underground Drilling - 500 Level				
Year	Company	No. Holes	Amount (ft)	Amount (m)
1951	Newlund Mines Limited	18	2,257	688
1952	Newlund Mines Limited	15	1,296	395
1979	Goldlund Mines Ltd.	43	6,074	1,851
		76	9,627	2,934
Total Drilling on Project		1,081		93,626

From mid-1982 to early 1985, Camchib Mines operated an underground mine and an open pit mine above the first level of Zone 1 of the Project and processed material through the mill at the site. Pieterse (2005) has compiled production records that show underground mine production of approximately 100,000 tons (90,718.5 t) at an estimated grade of 0.14 oz/t (4.8 g/t) Au together with open pit production of approximately 39,000 tons (35,380.2 t), at an estimated grade of 0.15 oz/t Au (5.1 g/t). Plant records show that some 119,750 tons (108,635.4 t) were processed, with 18,000 ounces of recovered gold. The head-grade was 0.14 oz/t (4.8 g/t) Au and mill recovery



was reported to be 86.6%. In total, some 320 m (1,050 ft) of shaft sinking, 420 m (1,385) ft of driving a ramp and approximately 6000 m (19,600 ft) of drifting and crosscuts were developed for the production.

Prior to the drilling reported on herein, Tetra Tech WEI Inc., (formerly Wardrop Engineering Inc.) completed a 43-101 compliant resource calculation on the Goldlund Property in October 2010. Applying a gold cut-off grade of 0.5 g/t, McCracken reported the deposit contains a Measured and Indicated Resource of ~6.8 million tonnes at an average grade of 1.73 g/t Au. The Inferred Resource contains 18.9 million tonnes at an average grade of 1.02 g/t Au. This is the only historical resource calculation on the Property known to the author. Table 7 summarizes the mineral estimate and is also taken from the report “Technical Report and Resource Estimate on the KRP Deposit, KRP Project, Sioux Lookout, Ontario” by Todd McCracken.

Table 8 –Summary of Resource Mineral Estimate

Zone	Classification	Tonnes	Au (g/t)	Ounces
Zone 1	Measured	3,928,951	1.85	233,690
Total	Measured	3,928,951	1.85	233,690
Zone	Classification	Tonnes	Au (g/t)	Ounces
Zone 1	Indicated	2,513,273	1.62	130,902
Zone 2	Indicated	176,354	1.17	6,634
Zone 3	Indicated	149,487	1.21	5,815
Total	Indicated	2,839,114	1.57	143,351
Total	Meas+Ind	6,768,064	1.73	377,041
used 0.5 g/t cutoff				
*Note: Zone 7 resource is material located within the Echo Claim boundary				
Zone	Classification	Tonnes	Au (g/t)	Ounces
Zone 1	Inferred	1,148,695	1.28	47,272
Zone 2	Inferred	1,557,063	1.12	59,072
Zone 3	Inferred	3,908,552	0.73	91,734
Zone 4	Inferred	4,520,161	0.81	117,715
Zone 5	Inferred	735,457	0.63	14,897
Zone 6	Inferred	373,565	1.02	12,251
Zone 7	Inferred	6,661,432	1.33	284,847
Total	Inferred	18,904,926	1.02	627,787
used 0.5 g/t cutoff				

*Note: Zone 7 resource is material located within the Echo Claim boundary

The bulk of historic exploration has focused on the Goldlund deposit and its immediate area, but there are numerous other known gold showings on the Property (see Figure 2). Historic exploration efforts for some of these showings are summarized below.



4.1.1 Quyta Showing

The Quyta is one of two showings in the Quyta/Miles/Franciscan area for which historic (non-compliant) resource estimates exist; as such, it was considered to be one of the most significant showings in the mapping area. Two separate historic estimates exist for the showing. An estimate by Neilson & Bray (1981) for the Ontario Geological Survey assigned the Quyta Showing 150,000 tons at 0.1 opt, for a total of 15,000 contained ounces. A more recent estimate by Wardrop in 2011 assigned the deposit 5 to 7 million tonnes at 0.6 to 0.9 g/t, for a best estimate of 170,000 'potential' contained ounces.

4.1.2 Jacobus Creek Showing

The Jacobus Creek Showing is located in the approximate east-west centre of the property (Figure 10). Little historical information is available for the Jacobus Creek Showing, whose MDI is based on a drillhole intercept (DDH T-10, drilled by Tarbush Lode Mining in 1982) of weakly anomalous gold in silicified andesite. Despite this relatively inauspicious result, mapping by Tarbush in the area shows multiple outcrops of altered and/or pyritic granodiorite; an area to the south of the Tarbush drilling was also trenched by Mosher Long Lac Gold Mines. Neither the Mosher Long Lac trenches nor the Tarbush drill collars were located during the investigation.

4.1.3 Eaglelund Showing

Along with the Quyta Showing, the Eaglelund is the second of two showings in the Quyta/Miles/Franciscan grid area for which historic (non-compliant) resources have been calculated. The Eaglelund resource was calculated for the OGS in 1981 by Neilson & Bray, who assigned it a 'speculative' grade and tonnage of 266,000 tonnes at 3.11 g/t gold (0.1 opt), for a total of 26,600 contained ounces.

4.1.4 Miller Showing

The Miller Showing sits approximately 650 m north of Miles Lake on the Miller Block, and approximately 4 km along-strike of the Quyta showing (Figure 10). Historic mapping (e.g. Meagher, 1951) indicates that the Miller Showing comprises 3 separate zones, the Nova, Scotia and Fundy zones; based on their map distribution they appear to represent separate outcrops of the same intrusion. Highlights of historic drilling (as compiled by Mason et al., 1999) include 0.69 g/t Au over 16 m in DDH QM-9, as well as anomalous gold over 52 m with a high grade section of 11.7 g/t Au over 1.2 m in hole N-96-6. High grades at the showing have been confirmed by OGS sampling, including a grab sample assaying 66.2 g/t Au (Mason et al., 1999). Perhaps just as importantly, historic grab sampling of the Miller showing seems to show consistently anomalous grades (for instance, 5 grab samples by the OGS all returned assays above 1.0 g/t Au).

4.1.5 Miles Showing

The Miles Showing consists of an area stripped by Tarbush Lode Mining in 1985 in which two granodiorite sills and one feldspar porphyry sill are exposed over the a length of 300 – 600 metres. According to Langelaar (1985a), the sills are variable in width but generally less than 15 m wide. Mineralization at the Miles showing is variable along strike but seems generally to be best developed in the granodiorite bodies. The strongest mineralization consists of transverse and longitudinal vein sets containing up to 15% fine to coarse pyrite (although usually sulphide content is less than 2%).



Alteration peripheral to the veins is primarily disseminated pyrite, with albite not being observed within trenching (Langelaar, 1985a). Other sections of the sills are unaltered and mostly without veining. 29 grab samples taken by Tarbush from the stripped area in 1985 returned grades from trace to 1.37 g/t Au.

4.1.6 Other Showings

The first of two MDI occurrences that occur in the Miles/Quyta/Franciscan grid area, called the Two Lakes occurrence, consists of a few minor quartz stringers in andesite northeast of the Eaglelund showing (Figure 6). Historic grab samples collected in 1950 returned assays up to 20.1 g/t Au (Williamson, 1950). The second occurrence, Cabin Road, consists of quartz stringers within a narrow band of alteration in an unknown rock type. Historic grab samples collected in 1950 returned an assay of 21.3 g/t Au (Hudson, 1950).

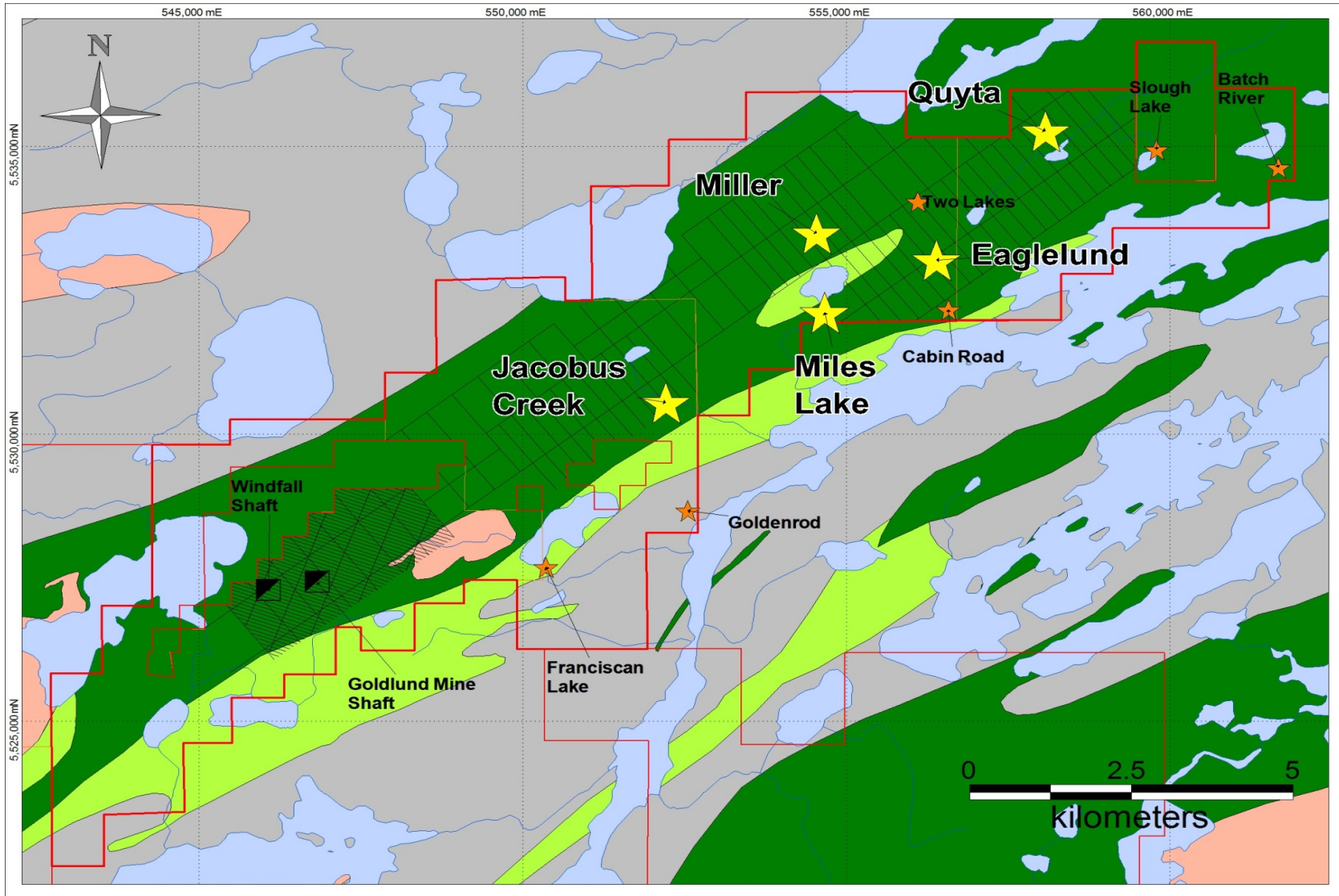


Figure 2 – Gold occurrences on the Goldlund Property



5 Geological Setting and Mineralization

The Project is underlain by Archaean supracrustal and plutonic rocks of the Eastern Wabigoon Sub-Province of the Superior Province. The regional geology presented here is modified from the technical report on the Property by McCracken, 2010.

5.1 Regional Geology

The Project is situated within a northeasterly-projecting arm of the Wabigoon Subprovince extending from Wabigoon Lake to Sioux Lookout. The regional geology of the Project area has been most recently described by L. Chorlton (1991) and the following description is taken from this work (and references therein). The area is described as being comprised of metavolcanic and metasedimentary rocks intruded by several granitoid stocks and many smaller porphyritic and non-porphyritic bodies. The stratigraphic assemblage has been subdivided into five principal rock groups: the Northern Volcanic Belt, Northern Sedimentary Group (Abram Group), Central Volcanic Belt (Neepawa Group), Southern Sedimentary Group (Minnitaki Group) and the Southern Volcanic Belt (see Figure 3). The majority of gold occurrences are located in the Central and Southern Volcanic Belts. The area has been subjected to at least four phases of deformation resulting in a predominantly northeasterly striking structural grain.

Both the Neepawa and Minnitaki Groups show stratigraphic facing to the southeast, although facing reversals are recorded, related to the complex deformation history. Most workers in the area place the Minnitaki Group above the Neepawa Group, though there are still questions about the stratigraphic relationship related to the complex deformational history. Age dates determined from rocks in the two units seem to confirm that the sedimentary units post-date volcanism. Two main alteration events have occurred, the first pre-dating deformation and results from metasomatism as there is no structural fabric or tectonic preference associated with it. It occurs at the metavolcanic-metasedimentary contact. The second alteration event is syngenetic with stages 3 and 4 of deformation and associated gold mineralization includes quartz veining, sulphide mineralization, potassic alteration (sericite) and sodic alteration (albite).

In the area of the Goldlund Deposit, the Neepawa Group can be subdivided into a lower tholeiitic and an upper andesite-basalt division. The lower division consists of tholeiitic mafic and felsic volcanic rocks with associated sub-volcanic intrusions. The upper division consists of calc-alkaline, tholeiitic mafic to felsic volcanic units that crop out around the Beartrack, Troutfly, and Gardner Lakes.

The metasedimentary rocks of the Minnitaki Group are mainly greywacke and quartzo-feldspathic greywacke, with subordinate argillites and cherts, locally intercalated by slivers of mafic and felsic volcanic rocks. A distinctive banded chert-iron formation marks the base of the group throughout a large part of the area and displays a complex outcrop pattern, which defines the nature of the structural patterns.

The contact between the Southern Volcanic Belt and the Minnitaki Group is tectonic. Facing directions are complex and refolded upright folds are recognized. Most workers consider the



Southern Volcanic Group to be older than the Minnitaki Group, though there is no isotopic age data to assist in stratigraphic determination.

5.2 Structure

Colvine (1991) has interpreted a four-stage deformation history in the Sandybeach Lake-Sioux Lookout area, based on the overprinting of individual structures and fabrics. The four stages are described as:

- Stage 1) Foliation – SW-NE trending, subparallel to lithologic contacts,
- Stage 2) Granitic Intrusives – provide competency contrast,
- Stage 3) Auriferous event – sinistral shearing deposits low-grade gold in granitoids, high-grade enrichment along steep northeasterly trending shears,
- Stage 4) NNE-SSW fold hinges and shears overprint Stage 3 deformation.

Stage 1 deformation is expressed by a locally-preserved foliation, subparallel to bedding. The relatively shallow angle between bedding and foliation may be an indication of thrusting. Stage 2 deformation is associated with the emplacement of the granitoid bodies throughout the area. Stage 3 deformation is largely responsible for the northeast-trending structural grain of the belt. Northwest-southeast compression and sinistral rotation generated large-amplitude upright folds with steep, northeasterly-trending axial planes, together with steep northeasterly trending shear zones. Shear zones northwest of the Beartrack-Cross Echo Lakes area and southeast of the Sandybeach Lake area tend to be sinistral-oblique, southeast-side-up, while those in the central portion of the belt tend to be sinistral and subhorizontal. Stage 4 deformation reflects the final phase of convergence in the belt. Large to small-scale folds with steep, north-northeasterly-striking axial planes overprint Stage 3 folds. Irregular belt boundaries and rigid internal stocks restricted lateral extension and resulted in vertical displacements along the intersections of these shears and the Stage 2 shears.

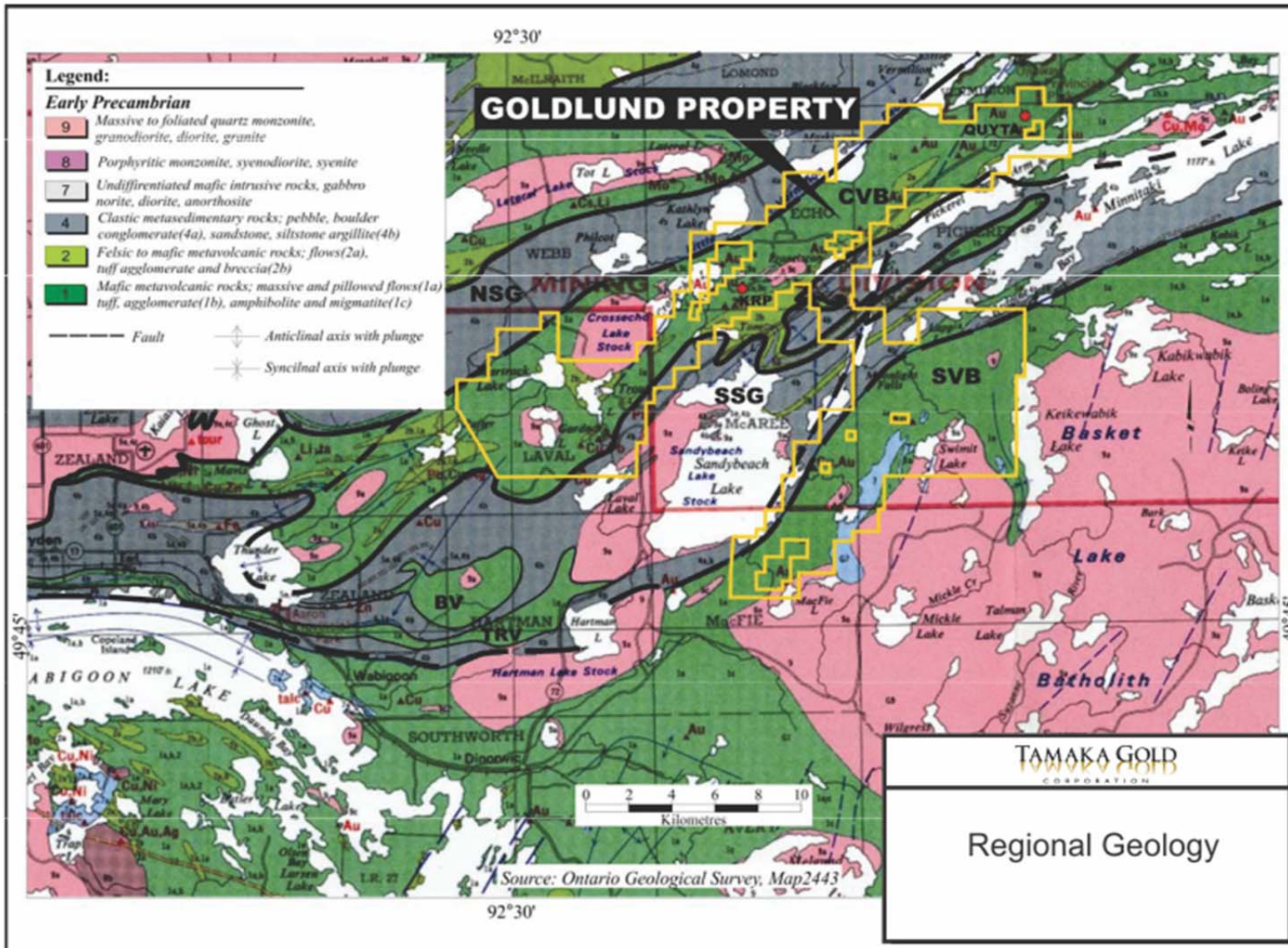


Figure 3-Regional geology of Goldlund Property area (modified from McCracken, et al. 2010)



5.3 Property Geology

A 3 km wide belt of Precambrian basaltic volcanic rocks strikes northeast across the Project. This basaltic formation is bound by Precambrian sediments to the north and to the south with a wedge of felsic volcanic rocks that occur between the basalt and sediments to the south. The mafic volcanic formation has a 1.5 km wide tuffaceous member to the south and a northern basaltic series of spherulitic flows interlayered with pillow lavas and occasional tuffaceous horizons.

Leucotonalite to diorite sills ("granodiorite" in mine terminology) have intruded near the contact between the tuffs to the south and the spherulitic lavas to the north. These strata-parallel sills dip from vertical to -80° southward and range from 14 to 60 m in thickness. A subsidiary suite of sills intrude narrow tuff beds in spherulitic basalt lavas. These intrusions are known to extend northeastward well beyond the Project and south-westward beyond Cross Echo Lake where they re-appear just south of Troutfly Lake. It has been postulated that this series of intrusives may occur intermittently over a strike-length of 15 km.

The igneous sheets that host the most important zones of mineralization at the Project have been referred to as "grey granodiorite" due to their light colour and significant amounts of biotite and free quartz (Armstrong 1951). Metagabbroic or metadioritic rocks in both transitional and intrusive contact with the "granodiorite", as well as crosscutting feldspar and quartz-feldspar porphyry dikes, were at times themselves referred to as "granodiorite", causing the terminology to become confused. Igneous sheets of granodiorite and/or its gabbroic counterparts to the northeast and southwest of the Goldlund Deposit have been considered primary exploration targets in the past.

The footwall portion of the granodiorite is strongly bleached and altered with quartz carbonate and pyrite mineralization at the former Windfall and Goldlund properties over a width of 15 to 25 m. This is indicated by surface and underground diamond drilling, together with some stoping and open-pit work by Camchib, above the first level of the Project's Zone 1. The gold occurs concentrated in quartz filled cross fractures that trend 010° to 015° and dip northwest at -40° to -75° . These gold bearing fractures occur concentrated in zones that extend intermittently at intervals of 200 to 300 m along the 1.6 km length of the Project that has been explored to a vertical depth of 150 to 200 m at the former Windfall and Goldlund projects.

Two granitic intrusive stocks are wedged into the Basalt formation at Gardner Lake and southwest of Cross Echo Lake. A quartz-porphyry intrusion occurs in the basalt formation immediately northeast of the granodiorite on the Project near Franciscan Lake. Another smaller quartz-porphyry intrusion occurs immediately north of the granodiorite across the Project boundary.

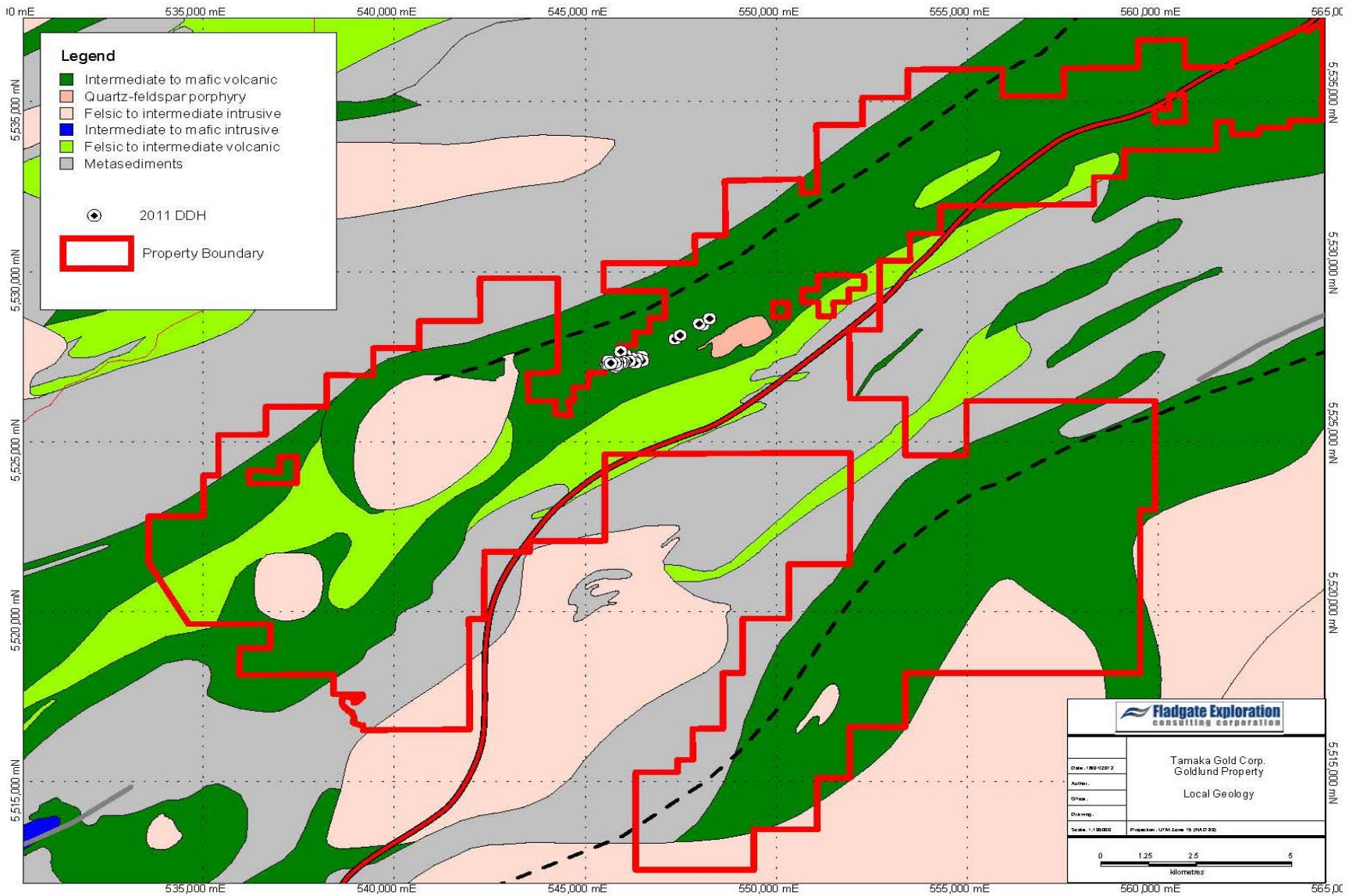


Figure 4 - Geology of the Goldlund Property



5.4 Mineralization

Gold occurs in essentially two different styles in the Project area. The first and most prominent type of mineralization, termed 'Goldlund-style' later in this report, is comprised of transverse, en echelon sets of quartz veining and stockworks occurring within more competent felsic to intermediate intrusive rocks. Mineralization also often occurs in mafic metavolcanics adjacent to the intrusive contacts (Page, 1984). Typically, pyrite, albite and lesser ankerite are associated with these gold-mineralized vein sets (Felix, 1992).

At the Project, the gold is hosted within zones of northeast-trending and gently to moderately northwest-dipping quartz stockworks (comprised of numerous quartz veinlets <1 cm to 20 cm thick). The stockwork zones form bands within the dykes and sills that intrude the east-northeast-trending mafic volcanic country rocks. The intervening areas between the quartz veinlets exhibit strong to moderate feldspathic alteration associated with common fine to medium-grained pyrite and magnetite.

A summary of the characteristics of the Goldlund Au-bearing zone is given by Langelaar (1985):

- 1) "Host Rocks: albite trondhjemite (locally termed the "main dyke" or "Goldlund granodiorite" or the "Goldlund sill").
- 2) Quartz Veining: Tensional veins of quartz and usually containing an associated band of bleached rock in the immediate adjacent trondhjemite. At Goldlund the veins are generally quite straight, strike consistently N-S to N20°E and dip 40° to 60° to the west.
- 3) Alteration: Quartz veins at the Goldlund zone are generally marked by the occurrence of bleached wallrock trondhjemite. According to Froberg (Page 1984) the altered wallrock consists of newly introduced albite, carbonate, magnetite, ilmenite and varying amounts of finely crystallized pyrite. The final alteration product consists of more than 50% albite, with the aforementioned minerals making up the balance.
- 4) Mineralization: Major constituents of the veins proper are quartz, ankeritic carbonate and pyrite. Minerals occurring in minor amounts to trace amounts include, according to Froberg (Page, 1984), actinolite, biotite, tourmaline, scheelite, with metallic constituents including sphalerite, chalcopyrite, galena, altaite, petzite, ilmenite and native gold. Pyrite occurs as coarse cubic crystals and as fine grained disseminations. Based on investigations of the Newlund Mine (Goldlund) deposits Page (1984) suggests that the only definitive indicator of higher grade gold values is the existence of late fracturing of the early vein material."

The Eaglelund, Miles Lake, and Jacobus Creek gold showings on the Property exhibit characteristics of 'Goldlund-style' mineralization.

The second style of mineralization is shear-zone hosted, synkinematic quartz vein systems, typically within but not restricted to mafic metavolcanic rocks. Chlorite, sericite and silica are common alteration types with associated pyrite and minor chalcopyrite, plus various accessory minerals. This style is less prominent on the Property and therefore has not been highly targeted or discussed in the past (Felix, 1992). Of the gold showings investigated in the 2011 mapping program, the Miller and Quya occurrences are classified as shear zone-hosted.



6 Deposit Types

The identified mineralization is consistent with an Archean lode gold model. The Archean lode gold occurrences are common in the Sandybeach Lake-Sioux Lookout area and are concentrated in the Southern and Central Volcanic Belts. Vein systems in both belts are the product of Stage 3 deformation and are related to:

- Northeast-southwest extension, associated with northwest-southeast compression and shortening,
- ductile-brittle deformation near steep northeast-trending shear zones and
- tightening of Stage 3 folds (Chorlton, 1991).

Vein systems in the Southern Belt are typically controlled by the steep, Stage 3 northeasterly-trending shears. Host mafic rocks are chlorite-ankerite schists up to several meters in width. Pyrite, with subordinate chalcopyrite, sphalerite and galena, are the main sulphide minerals in auriferous veins.

In the Central Volcanic Belt, which hosts the Goldlund Deposit, economically significant gold occurrences are hosted in transverse vein arrays within competent rocks, particularly the intermediate to mafic subvolcanic intrusive sheets. Vein systems occupy tensional fractures related to internal deformation of the competent units as folds tightened during Stage 3 deformation. Vein arrays could be expected to develop near fold hinges, within fold limbs and along axial planar foliations. The orientations of individual veins within the arrays are affected by their locations within folds.

The Goldlund Deposit is sub-divided into seven zones of mineralization, typically parallel but offset in one or more directions due to faults that transect the area. Mineralization occurs within transverse vein sets hosted in the felsic to intermediate intrusive bodies, plus in less competent mafic volcanic rocks proximal to their contacts. During the period 1982-1985, Camchib Mines processed approximately 120,000 tonnes of ore to produce 18,000 ounces of gold. This development took place on zone 1 (see Appendix 1 for location). The NI 43-101 compliant mineral estimate completed by Tetra Tech in 2010 reports a Measured and Indicated Resource of ~6.8 million tonnes at an average grade of 1.73 g/t Au. The Inferred Resource contains 18.9 million tonnes at an average grade of 1.02 g/t Au (McCracken, 2010).

7 Current Program



7.1 Grid Mapping & Prospecting

The 2012 grid mapping and prospecting program was designed to complement the induced-polarity (IP) survey conducted over the Goldlund Property from January to May of 2012. In particular, the mapping was intended to follow up on areas with a high density of IP anomalies. For this reason, traverses were planned in the northwest portion of the property (henceforth the “Miller Area”) as well as an area just south of the historic Windfall Shaft (the “Goldlund Deposit South Area”). Planned traverses followed the grid lines cut for geophysics. The disposition of these lines differs between the Miller Area (lines cut at 140° with 250 m spacing) and the Goldlund Deposit South Area (lines cut at 110° with 60 m spacing). One day in July was used for field reconnaissance to assist with traverse planning.

Grid mapping commenced on August 25th and continued until September 21st. Mapping was conducted by teams of two, comprising one geologist and one field assistant. Due to the size of the area to be covered, several different teams were used over the course of the program. Mapping was conducted at a scale of 1:1000, with outcrops, sample locations, structural measurements and other notes being recorded on water-resistant grid paper. A GPS unit was used during mapping to record sample locations and facilitate mapping of outcrops; as a result, it was possible to accurately map outcrops both on and off of the cut grid. Grab samples were taken at points of geologic interest. Subsequent to completion of the field program, the notes and outcrop shapes were digitized into Mapinfo (a GIS software package), and the grab sample notes were compiled into a samples database.

Based on recorded track lengths, an estimated total traverse length of 153.0 km was covered during the grid mapping program; this figure includes return distances for one-way traverses as well as distances traversed off of the cut grid. Traverses in the Miller Area (totaling 143.3 km) covered 56 line kilometers of grid, with the resulting mapping covering approximately 1620 ha (~6% of the total property area). The remaining traverses were in the Goldlund Deposit South Area (9.7 km traverse length). Mapping in this area covered 4.5 line kilometers of grid, for a total mapped area of approximately 42.1 ha. A total of 244 grab samples were taken over the course of the grid mapping program. Of these, 35 grab samples were taken in the Goldlund Deposit South Area, while the remaining 199 samples were taken in the Miller Area. Maps showing the mapped outcrops and samples for both areas can be found in Appendix V. Additionally, a complete list of grab samples is given in Appendix II.

7.2 B-horizon soil survey

In addition to the grid mapping and prospecting program described above, a B-horizon soil survey was planned in the Miller Area. The survey followed the grid lines cut for geophysics, and was designed to complement the IP survey as well as the grid mapping and prospecting program.

Soil sampling commenced August 22nd and continued until September 7th. Sampling was performed by a crew of 2-3 geotechnicians. Samples were taken at 20 m intervals along the cut lines, with the position of the sample being recorded with a GPS unit during sampling. The geotechnicians characterized the soil based on soil composition, grain size and colour, and also recorded the depth at which the sample was taken; this information was recorded in a field notebook. In some places sufficient soil could not be obtained at a planned sample station (e.g. due to swampy ground); as a



result some planned samples were skipped. In total, 842 soil samples were taken during the survey, covering approximately 16.84 line kilometers of the cut grid. Maps showing the Miller Area soil sampling are provided in Appendix V, while a complete list of soil samples is given in Appendix III.

8 Sampling Method and Approach

8.1 Grab Sampling

Grab samples were taken during the course of grid mapping, with grab sample locations being selected by the geologist based on geologic criteria (e.g. outcrop looked likely to host gold mineralization). Samples were obtained using a rock hammer. Most samples were hammered directly from outcrop, but some pieces of float were also sampled. Rock samples were placed in plastic sample bags along with a sample tag; the bag was then labeled according to the sample number using a permanent marker and closed with a zip tie. Sampling locations were marked using flagging tape.

8.2 Soil Sampling

Soil samples were taken at pre-determined locations along the geophysics grid, with samples planned according to a 20 m sample spacing. Samples were obtained using a handheld soil auger. The survey was intended to target the b-horizon and most samples were taken at ~30 cm depth (average 32.3 cm depth) although a range of sample depths was recorded, from 10 to 105 cm. The augured soil was placed in a Kraft (paper) soil bag along with a sample tag, and the bag was then labeled with a marker and sealed with a zip tie.

9 Sample Preparation, Analysis and Security

9.1 Sample Preparation

9.1.1 On-Site Preparation

Each day after fieldwork had been completed, the samples collected that day were returned to the Goldlund site office. Grab samples were placed in groups of 10 in rice bags, which were subsequently labeled and sealed using a zip tie as well as a security seal. Soil samples were first laid out in the core shack and rotated in order to facilitate drying. The dried samples were then placed in groups in rice bags, and the rice bags were labeled and sealed using a zip tie and a security seal. Once all of the samples were rice-bagged, the bags were placed in wooden crates, which were shipped by Manitoulin Transport to Accurrassay Laboratories in Thunder Bay, ON.

9.1.2 Laboratory Preparation

Upon receipt in Thunder Bay, a job number was created and a Laboratory Information Management System (LIMS) profile for the samples was created. This information was sent to the manager of the Tamaka samples database in Thunder Bay and was also available to select users online through the Accurrassay website.



Accurassay is an accredited facility, conforming to requirements of CAN P-4E ISO/IEC 17025, and CAN-P-1579. Grab samples were processed using both Jaw Crushers and Ring Mill Pulverizers. Grab samples were prepared according to the following procedure:

- Dry, Crush (<5 kg) 70% -8mesh (2 mm)
- Split (500 g)
- Pulverize to 90% -150 mesh (106 μ). Silica abrasive clean between each sample.

Soil samples do not require crushing, and were prepared according to a different procedure:

- Drying
- Sieving, -80 mesh

9.2 Sample Analyses

Following laboratory preparation, grab samples were submitted for 50 g fire assay with AAS finish (laboratory code ALFA2). This provides accurate results within a range of 5-30,000 ppb. Soil samples were submitted for 50 g fire assay followed by ICP finish (laboratory code ALFA4). The ICP finish was preferred for the soils due to the lower detection limit it offers (2-10,000 ppb range). A total of 244 grab samples and 842 soil samples were submitted to the lab.

9.3 Tamaka QA/QC Program

Because the grab and soil sampling described above was intended purely for qualitative use in directing further exploration and will not be used in resource or reserve calculations, no QA/QC samples were submitted by Tamaka to the laboratory. However, pulp duplicates performed by Accurassay are available for QA/QC purposes. Accurassay analyzes pulp duplicates for approximately 10% of submitted samples.

9.4 Security

All soil and grab samples collected were securely stored by Tamaka on the Goldlund Property, with restricted access to non-Tamaka personnel. After splitting, samples were shipped directly to the analytical facility inside rice bags fastened with security seals. Upon receipt of the samples, Accurassay laboratories confirmed that the seals were intact and that the alphanumeric security codes were consistent with those recorded by Tamaka. Following confirmation, Accurassay took custody of the samples for the duration of lab preparation and analysis.

10 Results & Interpretations

10.1 Mapping Results

Approximately 1500 separate outcrop locations were visited over the course of the 2012 mapping program, with the bulk of these being in the Miller mapping area. Most outcrops visited consisted of massive to pillowed, fine to medium grained mafic metavolcanic flows. These flows are generally dark green and weakly to strongly magnetic; pyrite contents are usually very low (e.g. less than 0.1%). In some places, pyroclastic flows were observed, usually in the form of fine- to medium-grained lapilli tuffs. Occasional bombs and ash horizons were also observed. Correlation of



pyroclastic beds across the map area, and thickness comparisons of these beds, was complicated by the intermittent nature of outcrop in the mapping area, but in general pyroclastics appear to represent less than 5% of the stratigraphic column. A major exception is the Goldlund Deposit South mapping area, where a thick (70 m or more) bed of mixed pyroclastics was mapped. Possibly this is evidence for a volcanic centre within the Goldlund Mine area, but current mapping is too limited in extent to make certain assertions.

A relatively small number of intrusive bodies were encountered during the mapping program. These include the Miller intrusion (a composite gabbro-monzonite body) and the Quyta intrusion (a feldspar porphyry body); note that both intrusions were visited and partially mapped in 2011. Most other intrusions observed were small (<10 m wide) foliation-concordant porphyry sills. Several of these were noted in the vicinity of the highway in claims 4200344, 4200347 and 4200348. Small porphyry bodies have also been mapped peripheral to most of the larger intrusions on the property. A large dacitic body was mapped in the area peripheral to Miles Lake; currently, it is uncertain whether this body represents a felsic dome or a hypabyssal intrusion. Although these intrusions represent only a small portion of the stratigraphic pile, it is significant that most of the showings within the mapped area (e.g. Miller, Quyta, Eaglelund) occur within intrusive bodies.

The dominant structure observed within the map area was a series of foliation parallel or sub-parallel (NE-striking) steeply dipping shear zones. These vary widely in width (1-30 m) and intensity (weak shearing to complete mylonitization). Due to the wide spacing of the traverse lines, the intermittent nature of outcrop in the map area, the tendency of sheared material to weather recessively, and the irregular nature of the shear zones, it is difficult to trace individual shears across the map area. However, the mapping performed is suggestive of an anastomosing shear network which spans the mapped area, with concentrate shear horizons to the north (e.g. around the Quyta showing) and south (proximal to the highway). Significant shearing is often accompanied by weak to strong ankerite and sericite alteration, with tourmaline, pyrite, albite and quartz veining occurring somewhat less commonly.

A definite absence of shearing was noted within the Goldlund Deposit South area, despite the high density of outcrop in that area; foliation also tends to be very weak in this area. A similar absence of foliation and shearing throughout the Goldlund Mine area has been noted by previous workers (e.g. Chorlton, 1991); note however that recent trench mapping within the Goldlund area has demonstrated the presence of several significant shear zones with a similar orientation to those mapped in the Miller Area. This pattern of weak overall foliation and strongly concentrated shearing could have contributed to fluid channelling and the formation of high-grade mineralization in the Goldlund Mine area.

10.2 Grab Sampling results

A total of 244 grab samples were taken during the 2012 grid mapping program; a full list of samples and assay results is provided in Appendix II. Assays values ranged from below detection (<5 ppb Au) up to 5,996 ppb Au. Three samples assayed above 1.0 g/t Au. All three of these samples were taken at the historic 'Nova Showing', which is the westward extension of the Miller showing. The eastern part of the Miller Showing was assayed by Tamaka in 2011 returning results up to 5,718 ppb Au. Thus, the 2012 sampling has demonstrated continuity of ore-grade gold mineralization at the Miller showing over a strike length of approximately 450 m. Most of the remaining sampling was low



but definitively anomalous (e.g. 37 ppb), suggesting anomalous gold enrichment over a strike length of at least 700 m. Note that continuity of the Miller intrusion has been confirmed by geophysics (the intrusion has a strong magnetic response) but that the intrusion is covered by swamp over most of its length.

Of the remaining samples in the Miller mapping area, the highest assay was a sample of a shear-hosted quartz-carbonate vein which assayed 287 ppb Au. A significant number of samples were taken within shear zones showing variable ankerite, sericite, pyrite, quartz and tourmaline contents. Assay results from these were variable, but while many tested below detection, many also showed strongly anomalous values. Samples of veining (either transverse or shear-parallel) within shear zones were more often anomalous than sheared and altered material without veining.

A relatively large number of samples (30 in total) were taken within or directly peripheral to the Quyta intrusion, in the hopes of defining high grade sections which might make attractive targets for stripping or drilling. While many of these samples were strongly anomalous, none exceeded 135 ppb Au despite sampling of what appeared to be highly favourable material (e.g. large quartz-carbonate-tourmaline veins in highly altered Quyta porphyry). These samples should serve to underline the nuggety nature of gold in the Quyta showing (which historically has returned assays greater than 10 g/t Au), and to suggest limited potential for the showing as a bulk-tonnage target. A single sample was taken at the historic Eaglelund showing and assayed 28 ppb Au.

In the Goldlund Deposit South Area, all but two samples returned below detection. Both anomalous samples (55 and 56 ppb Au) were taken in weakly gossanous material without any obvious structural control.

10.3 Soil Sampling results

A total of 842 soil samples were taken in the Miller mapping area; a full list of samples is provided in Appendix III. Assay values ranged from below detection (<2 ppb Au) up to 132 ppb Au, with 3 samples exceeding 100 ppb. A total of 700 samples assayed below detection (83% of the dataset), while 780 samples (92.6%) assayed below 5 ppb Au. Based on the high percentage of samples assaying at or near detection, there appears to have been relatively little statistical 'noise' in this soil survey. A couple of other features of the dataset also suggest that the survey produced high quality results. Firstly, all three of the significant showings within the soil survey produced anomalous responses. Both the Quyta and Eaglelund showings produced very clear responses, the Eaglelund showing with a very strong 3 line response (up to 132 ppb Au), and the Quyta showing with a somewhat weaker 4 line response along the south margin of the Quyta Porphyry (maximum 19 ppb Au). The Miller showing did not produce as clear a response, possibly due to masking by swamp cover, but the extreme east end of the showing (where there is good outcrop) has a 3 sample anomaly which corresponds well with the showing location. A second feature which suggests a good quality survey is the clear alignment that several of the anomalies (both weak and strong) show, sub-parallel to the foliation trend.

Of the anomalies which are not associated with a known showing, the most prospective would appear to be two anomalies to the southwest and along strike of the Miller showing. In both cases, the anomaly consists of a 150 m long, 7 sample response, including 4 samples at detection and 3 strongly anomalous samples, with the highest anomaly being 106 ppb Au. These anomalies are



associated with a geophysics anomaly which appears to be the continuation of the Miller intrusion. Another attractive anomaly sits just west of Cigar Lake (between the Miller and Quytta showings), and consists of a very strong two-line response (88 and 73 ppb Au), with the lake truncating the anomaly to the east and a weak anomaly continuing for two lines to the west. Several other significant anomalies exist within the soil grid and may merit follow-up.

11 Recommendations

Mapping and grab sampling within the Miller mapping area has revealed the presence of a broad anastomosing shear network which is localizing alteration and anomalous but sub-economic gold values. Given that most of the current showings on the Goldlund Property are localized within intrusive bodies, it seems likely that the shear zones are acting as conduits for gold-bearing fluids, while the intrusive bodies are acting as traps for mineralization. More outcrop mapping and grab sampling is thus recommended in order to better constrain the position of the shear zones and intrusive bodies on the property. Within the Miller mapping area, it may be worthwhile mapping between cut lines in areas where significant shearing has been observed. The area to the southwest of the Miller mapping area can be mapped along the grid lines.

Despite many anomalous samples, most grab samples were not sufficiently high-grade to warrant follow-up. The main exception is the Miller showing, which continues to show consistently high-grade samples over a significant strike length. It is suggested that a limited drill program be carried out on the Miller to twin historical drilling on the eastern end of the showing, and to drill the part of the showing which returned 5.996 g/t Au during the 2012 sampling. Drilling is also recommended to the SW of the Miller showing, where outcrop is not available but where soil sampling indicates that the showing may continue. A first phase totalling six 200 m drillholes is recommended for the Miller showing and its extension to the southwest, with further drilling contingent on results from the first phase.

Given the apparent success of the soil sampling survey, it is recommended that the soil survey be extended to cover the entire geophysics grid northwest of the historic mine area. In particular, further soil sampling is desired southwest of the Miller showing, in order to better constrain the anomalies present in the current survey. It is recommended that follow-up on soil anomalies (excluding those southwest of the Miller Showing) be deferred until further mapping and soil sampling has been completed and the Miller Showing has been investigated. A budget for the proposed work is given in Table 9.

Table 9 – Proposed Budget for Follow-Up Exploration Program

Item	Quantity	Estimated Cost
Mapping - infill on trends	104 line-km	\$38,000.00
Mapping - remainder of grid	40 line-km	\$14,500.00
Soils - remainder of grid	38 line-km	\$68,000.00
Drilling - Miller Showing	6 drillholes	\$240,000.00

Total:	\$360,500.00
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12 References

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|---|-------|---|
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13 Date

This report was completed on Oct 26, 2012.



14 Statement of Qualifications

I, John Fingas, of the CITY of THUNDER BAY, in the PROVINCE of ONTARIO, hereby certify that:

I am presently employed full-time by Fladgate Exploration Consulting Corporation at 195 Park Avenue, Thunder Bay, Ontario, Canada P7B 1B9.

I am a graduate of Queen's University with a Master of Science Degree (2010) and have practiced my profession since graduation.

I am not aware of any material fact or material change with respect to the subject matter of the technical report that is not reflected in the technical report, the omission to disclose which makes the technical report misleading.

This report is based on a study of all information made available to me, both published and unpublished and on my personal examination of the work performed on the property during this program.

Dated in Thunder Bay, Ontario this 26th day of October, 2012.

Respectfully Submitted,

A handwritten signature in blue ink, appearing to read 'John Fingas', written over a horizontal line.

John Fingas, M.Sc



Appendix I Work Schedule and Cost

Work Performed			
Date From	Date To	Description	Cost
16-Jul-12	31-Oct-12	Senior Geologist Professional Fees	\$18,663.76
16-Jul-12	31-Oct-12	Junior Geologist Professional Fees	\$30,318.76
16-Aug-12	30-Sep-12	Geotechnician Fees	\$14,851.96
Travel			
Date From	Date To	Description	Cost
16-Aug-12	30-Sep-12	Truck Rental	\$2,733.25
Supplies			
Date From	Date To	Description	Cost
16-Aug-12	30-Sep-12	Equipment	\$2,237.55
Other			
Date From	Date To	Description	Cost
01-Oct-12	15-Oct-12	Assays	\$16,896.50

Grand Total	\$85,701.78
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Claim	Total Work Performed (\$)
1166865	\$2,796.62
1191762	\$395.45
3019657	\$326.32
4200342	\$15,576.60
4200343	\$1,720.86
4200344	\$10,939.41
4200345	\$12,996.76
4200346	\$197.63
4200347	\$3,064.53
4200348	\$17,978.70
4200350	\$1,510.26
4200351	\$10,245.85
4200429	\$1,101.11
4200430	\$2,250.13
4200432	\$1,462.21
4222883	\$2,894.74
KRL18809	\$109.18
KRL18812	\$135.41



Appendix II Grab Sample Results

Sample ID	Easting	Northing	Assay (g/t Au)
1363851	552926	5532846	0.033
1363852	553837	5532906	0.016
1363853	555447.24	5532334.86	0.006
1363854	555189.4	5532462.58	0.006
1363855	555030.46	5532644.98	<0.005
1363856	555371.2	5532514.68	0.028
1363857	555301.66	5532472.15	0.005
1363858	555548.58	5532748.53	0.005
1363859	555344.2	5532931.27	0.009
1363860	553972.3	5533507.24	0.006
1363861	554490	5533168	<0.005
1363862	554581	5533161	<0.005
1363863	554695	5533005	<0.005
1363864	554531	5533118	0.005
1363865	554702	5533425	0.005
1363866	554435	5533401	<0.005
1363867	554406	5533276	<0.005
1363868	554245	5533711	0.009
1363869	554243	5533714	0.016
1363870	554693	5533289	0.006
1363871	554767	5533273	0.005
1363872	554828	5533261	0.006
1363873	555128	5533278	0.006
1363874	555108	5533295	0.006
1363875	555016	5533426	0.006
1363876	554635	5533498	0.006
1363877	555103	5533646	0.006
1363878	555283	5533495	0.006
1363879	555352	5533400	0.005
1363880	555330	5533382	0.006
1363881	555509	5533194	0.016
1363882	555896	5532670	0.006
1363883	555889	5532655	0.005
1363884	555587	5533100	0.007
1363885	555569	5533527	0.006
1363886	556040	5532918	0.006
1363887	556044	5532918	0.008
1363888	556108	5532833	0.006
1363889	556413	5532443	0.007



Sample ID	Easting	Northing	Assay (g/t Au)
1363890	556290	5532993	0.006
1363891	556227	5533047	0.023
1363892	556212	5533023	<0.005
1363893	556066	5533293	<0.005
1363894	555777	5533632	<0.005
1363895	555149.36	5534070.82	<0.005
1363896	555425	5533712	<0.005
1363897	555342	5532173	<0.005
1363898	555449.35	5532064.79	<0.005
1363899	556521	5533020	<0.005
1363900	556513	5533023	<0.005
1363901	556352.01	5533314.2	0.012
1363902	556258	5533443	<0.005
1363903	556034	5533749	<0.005
1363904	555983	5533810	<0.005
1363905	556655	5533762	<0.005
1363906	557034	5533370	0.007
1363907	557040	5533385	<0.005
1363908	555597	5532277	<0.005
1363909	555754	5532097	<0.005
1392851	559392	5535233	<0.005
1392852	559434	5535274	<0.005
1392853	559042	5535728	<0.005
1392854	558883	5535820	<0.005
1392855	558755	5535947	<0.005
1392856	559222	5534957	<0.005
1392857	558798	5535478	<0.005
1392858	558656	5535633	0.007
1392859	558847	5535039	<0.005
1392860	558862	5535142	<0.005
1392861	558966	5534492	<0.005
1392862	558371	5535185	<0.005
1392863	558466	5535307	<0.005
1392864	558308	5535233	<0.005
1392865	558326	5535259	<0.005
1392866	558293	5535359	<0.005
1392867	558183	5535500	0.006
1392868	558163	5535497	<0.005
1392869	558043	5535653	0.009
1392870	557990	5535631	<0.005
1392871	557555	5535883	<0.005



Sample ID	Easting	Northing	Assay (g/t Au)
1392872	557559	5535877	<0.005
1392873	557600	5535898	0.005
1392874	557679	5535739	<0.005
1392875	557737	5535641	<0.005
1392876	557730	5535622	<0.005
1392877	557878	5535444	<0.005
1392878	557944	5535371	<0.005
1392879	557962	5535333	0.059
1392880	557962	5535333	<0.005
1392881	558113	5535171	<0.005
1392882	557678	5535320	<0.005
1392883	557671	5535284	<0.005
1392884	557655	5535266	<0.005
1392885	557723	5535303	<0.005
1392886	557783	5535317	<0.005
1392887	557783	5535317	0.012
1392888	557783	5535317	<0.005
1392889	557745	5535296	0.034
1392890	557680	5535272	0.007
1392891	557678	5535268	0.078
1392892	557761	5535292	0.014
1392893	557761	5535292	0.11
1392894	557754	5535287	0.135
1392895	557726	5535223	<0.005
1392896	557748	5535196	<0.005
1392897	557755	5535199	<0.005
1392898	557778	5535204	<0.005
1392899	557788	5535193	0.085
1392900	557817	5535207	0.005
1392901	557854	5535213	0.006
1392902	557730	5535172	<0.005
1392903	557748	5535194	0.013
1392904	557775	5535179	0.008
1392905	557809	5535129	<0.005
1392906	557830	5535112	<0.005
1392907	557800	5535078	<0.005
1392908	557913	5535012	0.005
1392909	557916	5534989	<0.005
1392910	558022	5534854	<0.005
1392911	558226	5534707	<0.005
1392912	558217	5534658	<0.005



Sample ID	Easting	Northing	Assay (g/t Au)
1392913	557408	5534385	<0.005
1392914	558426	5534381	<0.005
1392915	558482	5534368	<0.005
1392916	558386	5534372	<0.005
1392917	558441	5534293	<0.005
1392918	558608	5534098	<0.005
1392919	558603	5534092	<0.005
1392920	558581	5534264	<0.005
1392921	558830	5534357	<0.005
1392951	558435	5534728	<0.005
1392952	558436	5534704	<0.005
1392953	558484	5534703	0.015
1392954	558626	5534481	<0.005
1392955	558626	5534481	<0.005
1392956	558626	5534481	<0.005
1392957	558626	5534481	0.032
1392958	558626	5534481	0.085
1392959	558626	5534473	0.007
1392960	558629	5534464	0.007
1392961	558654	5534424	<0.005
1392962	558697	5534400	0.007
1392963	558698	5534400	<0.005
1392964	558704	5534404	0.162
1392965	558336	5534165	0.055
1392966	558108	5534354	0.065
1392967	557492	5535182	0.048
1392968	557474	5535131	0.115
1392969	557434	5535108	0.133
1392970	557509	5535126	<0.005
1392971	557475	5535115	0.055
1392972	557603	5534981	0.031
1392973	557729	5534879	0.048
1392974	557687	5534853	0.044
1392975	557680	5534885	0.068
1392976	557733	5534849	0.044
1392977	557733	5534849	0.287
1392978	558006	5534495	0.155
1392979	546281	5527121	<0.005
1392980	546308	5527118	<0.005
1392981	546380	5527045	<0.005
1392982	546151	5527123	<0.005



Sample ID	Easting	Northing	Assay (g/t Au)
1392983	546140	5527112	<0.005
1392984	546018	5527111	<0.005
1392985	545997	5527113	0.007
1392986	546015	5527082	<0.005
1392987	546134	5527064	<0.005
1392988	546249	5527025	<0.005
1392989	546458	5526938	<0.005
1392990	546443	5526986	0.056
1392991	546130	5527149	<0.005
1392992	546275	5526867	<0.005
1392993	545934	5526972	<0.005
1392994	545879	5526940	<0.005
1392995	545881	5526938	<0.005
1392996	546196	5526848	<0.005
1392997	546069	5526824	<0.005
1392998	545935	5526743	<0.005
1392999	546123	5526761	<0.005
1393000	545684	5527054	<0.005
1431851	545655	5526964	<0.005
1431852	545524	5526913	<0.005
1431853	545461	5526883	<0.005
1431854	545405	5526736	<0.005
1431855	545344	5526746	<0.005
1431856	545348	5526661	<0.005
1431857	545592	5526807	<0.005
1431858	557328	5535014	0.007
1431859	557428	5535021	0.039
1431860	557429	5535020	0.01
1431861	557414	5535020	0.018
1431862	557414	5535020	0.007
1431863	557305	5534964	0.012
1431864	557389	5534850	<0.005
1431865	557361	5534750	<0.005
1431866	557486	5534689	<0.005
1431867	557500	5534702	<0.005
1431868	558148	5533764	<0.005
1431869	558218	5533838	<0.005
1431870	557960	5533946	<0.005
1431871	558000	5534071	<0.005
1431872	557882	5534191	<0.005
1431873	557808	5534332	<0.005



Sample ID	Easting	Northing	Assay (g/t Au)
1431874	557762	5534338	<0.005
1431875	557753	5534384	<0.005
1431876	556946	5535007	<0.005
1431877	557133	5534780	0.028
1431878	557170	5534732	<0.005
1431879	557207	5534732	<0.005
1431880	557258	5534645	<0.005
1431881	557339	5534536	<0.005
1431882	557920	5533808	<0.005
1431883	557702	5533788	<0.005
1431884	557702	5533788	<0.005
1431885	557376	5534033	<0.005
1431886	557376	5534033	<0.005
1431887	557508	5533486	<0.005
1431888	557378	5533249	<0.005
1431889	556619	5534633	<0.005
1431890	556661	5534518	<0.005
1431891	557171	5533929	<0.005
1431892	556583	5534307	<0.005
1431893	557153	5533446	<0.005
1431894	556808	5533115	<0.005
1431895	556592	5533044	<0.005
1431896	556638	5533392	0.011
1431897	556040	5534158	<0.005
1431898	555812	5534443	<0.005
1431899	546137	5526947	0.055
1431900	546136	5526928	<0.005
1431951	546566	5526968	<0.005
1431952	546666	5527063	<0.005
1431953	546777	5527082	<0.005
1431954	546930	5527148	<0.005
1431955	554308	5533376	0.09
1431956	554308	5533376	5.996
1431957	554308	5533377	3.068
1431958	554297	5533375	1.324
1431959	554298	5533375	0.057
1431960	554257	5533340	0.102
1431961	554240	5533338	0.058
1431962	554245	5533345	<0.005
1431963	554090	5533242	0.037
1431964	554039	5533205	0.018



Sample ID	Easting	Northing	Assay (g/t Au)
1431965	548,124.09	5,528,150.22	0.748
1431966	548,124.36	5,528,150.99	<0.005
1431967	548,125.11	5,528,153.55	0.006
1431968	548,125.90	5,528,150.13	0.053



Appendix III Soil Sample Results

Sample ID	Easting	Northing	Assay (ppb Au)
1315001	553115.7	5532610	106
1315002	553099.8	5532628	1
1315003	553086.8	5532650	1
1315004	553070	5532668	1
1315005	553055.4	5532688	1
1315006	553042.3	5532706	1
1315007	553023.3	5532726	1
1315008	553008.1	5532746	1
1315009	552992.6	5532765	1
1315010	552977.7	5532784	1
1315011	552960.5	5532805	1
1315012	552946.5	5532824	1
1315013	552930.7	5532844	1
1315014	552916.7	5532863	1
1315015	552901.5	5532885	9
1315016	552887.6	5532903	1
1315017	553238.9	5532451	1
1315018	553224.6	5532469	1
1315019	553210.2	5532488	86
1315020	553194.1	5532507	1
1315021	553180	5532526	26
1315022	553163.5	5532547	1
1315023	553148.1	5532568	1
1315024	553132.1	5532588	1
1315025	553252.7	5532431	1
1315026	553269.1	5532411	1
1315027	553284.9	5532390	1
1315028	553299.5	5532372	1
1315029	553314.9	5532352	1
1315030	553331	5532332	1
1315031	553347.1	5532310	1
1315032	553362.5	5532293	27
1315033	553377.3	5532276	1
1315034	555432.3	5532488	1
1315035	555417	5532506	1
1315036	555402.6	5532528	1
1315037	555385.4	5532549	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315038	555370.8	5532565	1
1315039	555357.7	5532588	1
1315040	555339.2	5532607	1
1315041	555326.1	5532625	1
1315042	555313	5532641	1
1315043	555292.5	5532665	1
1315044	555278.6	5532688	1
1315045	555263.8	5532707	1
1315046	555247.6	5532729	1
1315047	555236.4	5532743	1
1315048	555220.8	5532763	1
1315049	555022.3	5532604	1
1315050	555097.5	5532508	1
1315051	555112.4	5532486	1
1315052	555124.5	5532470	5
1315053	555142.7	5532447	1
1315054	555158.3	5532429	1
1315055	555174.1	5532408	1
1315056	555188.8	5532389	1
1315057	555199.2	5532374	1
1315058	555215.3	5532354	1
1315059	555232.7	5532333	1
1315060	555247.5	5532314	1
1315061	555264.9	5532293	1
1315062	555277.2	5532275	1
1315063	555296.2	5532251	1
1315064	555308.8	5532234	1
1315065	553816	5532520	4
1315066	553804	5532539	13
1315067	553788	5532558	3
1315068	553773	5532580	5
1315069	553758	5532604	2
1315070	553743	5532623	2
1315071	553728	5532640	1
1315072	553714	5532659	3
1315073	553698	5532677	1
1315074	553682	5532698	1
1315075	553667	5532720	1
1315076	553653	5532741	1
1315077	553639	5532760	1
1315078	553624	5532781	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315079	553609	5532802	1
1315080	553592	5532816	1
1315081	553578	5532837	1
1315082	553565	5532860	1
1315083	553547	5532884	1
1315084	553533	5532900	1
1315085	553519	5532919	1
1315086	553505	5532937	1
1315087	553489	5532961	1
1315088	553473	5532981	1
1315089	553461	5533001	1
1315090	553445	5533019	1
1315091	553429	5533039	1
1315092	553414	5533062	1
1315093	553398	5533082	1
1315094	553384	5533103	1
1315095	553573	5533248	1
1315096	553583	5533228	1
1315097	553599	5533210	1
1315098	553615	5533190	10
1315099	553628	5533165	1
1315100	553647	5533144	1
1315101	553664	5533127	1
1315102	553678	5533108	1
1315103	553694	5533092	1
1315104	553707	5533072	89
1315105	553722	5533052	1
1315106	553739	5533030	1
1315107	553753	5533010	16
1315108	553771	5532993	1
1315109	553787	5532971	1
1315110	553801	5532953	77
1315111	553816	5532933	1
1315112	553832	5532914	1
1315113	553846	5532893	1
1315114	553863	5532874	1
1315115	553876	5532853	1
1315116	553893	5532833	1
1315117	553906	5532814	1
1315118	553920	5532795	1
1315119	553936	5532776	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315120	553952	5532752	4
1315121	553968	5532736	1
1315122	553983	5532721	4
1315123	553998	5532696	1
1315124	554013	5532679	1
1315125	554031	5532662	1
1315126	554046	5532639	1
1315127	554061	5532615	1
1315128	554075	5532599	6
1315129	553865	5532458	4
1315130	553849	5532483	1
1315131	553832	5532505	3
1315132	555666	5532601	1
1315133	555636	5532635	1
1315134	555620	5532653	1
1315135	555606	5532673	1
1315136	555586	5532692	1
1315137	555572	5532713	1
1315138	555557	5532732	1
1315139	555539	5532748	1
1315140	555524	5532768	1
1315141	555511	5532792	1
1315142	555496	5532811	1
1315143	555481	5532830	1
1315144	555460	5532845	1
1315145	555448	5532869	1
1315146	555431	5532889	1
1315147	555416	5532912	1
1315148	554200	5532847	1
1315149	554180	5532870	1
1315150	554166	5532886	1
1315151	554150	5532908	1
1315152	554136	5532926	1
1315153	554119	5532947	1
1315154	554102	5532969	1
1315155	554087	5532988	1
1315156	554071	5533005	2
1315157	554053	5533027	2
1315158	554038	5533048	1
1315159	554023	5533067	1
1315160	554006	5533088	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315161	553992	5533105	1
1315162	553976	5533123	10
1315163	553959	5533142	1
1315164	553945	5533165	1
1315165	553928	5533184	1
1315166	553910	5533203	1
1315167	553899	5533227	1
1315168	553879	5533243	1
1315169	553865	5533262	1
1315170	553849	5533284	1
1315171	553834	5533308	1
1315172	553815	5533323	1
1315173	553797	5533348	1
1315174	553786	5533365	1
1315175	553774	5533380	1
1315176	553767	5533384	1
1315177	553964	5533556	1
1315178	553976	5533536	1
1315179	553990	5533519	1
1315180	554006	5533500	1
1315181	554019	5533479	6
1315182	554036	5533459	1
1315183	554055	5533438	1
1315184	554071	5533419	1
1315185	554085	5533400	1
1315186	554100	5533378	1
1315187	554117	5533360	1
1315188	554129	5533338	1
1315189	554147	5533316	1
1315190	554162	5533301	2
1315191	554177	5533281	1
1315192	554192	5533260	1
1315193	554208	5533241	1
1315194	554224	5533220	1
1315195	554239	5533203	1
1315196	554254	5533181	7
1315197	554269	5533164	5
1315198	554285	5533143	3
1315199	554300	5533122	1
1315200	554314	5533103	1
1315201	554329	5533086	6



Sample ID	Easting	Northing	Assay (ppb Au)
1315202	554341	5533068	1
1315203	554363	5533045	4
1315204	554377	5533022	1
1315205	554393	5533000	1
1315206	554406	5532984	1
1315207	554422	5532964	1
1315208	554436	5532947	1
1315209	554454	5532925	1
1315210	554222	5532813	1
1315211	554210	5532833	1
1315212	554594	5533153	1
1315213	554608	5533134	1
1315214	554625	5533116	1
1315215	554641	5533098	1
1315216	554654	5533078	1
1315217	554668	5533058	5
1315218	554684	5533042	1
1315219	554578	5533174	1
1315220	554562	5533194	1
1315221	554545	5533213	1
1315222	554530	5533235	1
1315223	554515	5533254	3
1315224	554500	5533273	1
1315225	554484	5533293	12
1315226	554470	5533312	1
1315227	554456	5533332	1
1315228	554441	5533351	1
1315229	554423	5533371	3
1315230	554412	5533392	3
1315231	554395	5533412	1
1315232	554381	5533431	1
1315233	554365	5533450	1
1315234	554348	5533473	1
1315235	554336	5533487	1
1315236	554320	5533508	1
1315237	554304	5533529	1
1315238	554289	5533549	1
1315239	554271	5533568	4
1315240	554256	5533589	1
1315241	554243	5533609	3
1315242	554224	5533628	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315243	554210	5533648	1
1315244	554195	5533668	1
1315245	554181	5533690	1
1315246	554164	5533706	1
1315247	554358	5533862	6
1315248	554372	5533840	3
1315249	554386	5533820	1
1315250	554403	5533798	1
1315251	554418	5533781	1
1315252	554434	5533758	1
1315253	554448	5533742	1
1315254	554465	5533722	1
1315255	554483	5533701	1
1315256	554497	5533682	1
1315257	554511	5533663	1
1315258	554526	5533645	1
1315259	554544	5533623	1
1315260	554559	5533604	1
1315261	554574	5533585	17
1315262	554588	5533565	11
1315263	554604	5533545	9
1315264	554620	5533524	1
1315265	554633	5533506	1
1315266	554649	5533488	9
1315267	554665	5533470	1
1315268	554681	5533447	1
1315269	554696	5533428	1
1315270	554712	5533408	1
1315271	554726	5533388	3
1315272	554741	5533367	1
1315273	554756	5533350	3
1315274	554769	5533330	1
1315275	554789	5533311	1
1315276	554803	5533290	1
1315277	554818	5533273	1
1315278	554835	5533251	1
1315279	554851	5533231	4
1315280	554865	5533212	1
1315281	554881	5533193	1
1315282	555078	5533351	1
1315283	555062	5533370	4



Sample ID	Easting	Northing	Assay (ppb Au)
1315284	555046	5533391	1
1315285	555031	5533411	1
1315286	555015	5533430	1
1315287	554999	5533449	1
1315288	554981	5533466	1
1315289	554967	5533488	36
1315290	554951	5533509	1
1315291	554936	5533527	1
1315292	554920	5533546	81
1315293	554903	5533567	4
1315294	554888	5533587	6
1315295	554873	5533606	4
1315296	554858	5533621	1
1315297	554865	5533614	1
1315298	554841	5533643	1
1315299	554823	5533661	1
1315300	554809	5533682	1
1315301	554793	5533700	1
1315302	554774	5533724	1
1315303	554760	5533743	1
1315304	554743	5533760	1
1315305	554729	5533777	1
1315306	554711	5533797	1
1315307	554696	5533815	1
1315308	554678	5533841	1
1315309	554661	5533860	1
1315310	554644	5533881	1
1315311	554626	5533900	1
1315312	554615	5533918	1
1315313	554599	5533937	1
1315314	554583	5533955	18
1315315	554565	5533983	2
1315316	554539	5534009	1
1315317	554745	5534173	1
1315318	554765	5534146	6
1315319	554780	5534127	2
1315320	554796	5534108	1
1315321	554810	5534088	1
1315322	554826	5534068	3
1315323	554841	5534046	1
1315324	554859	5534028	21



Sample ID	Easting	Northing	Assay (ppb Au)
1315325	554879	5534005	3
1315326	554894	5533986	1
1315327	554906	5533965	1
1315328	554918	5533947	1
1315329	554934	5533930	1
1315330	554951	5533909	1
1315331	554965	5533890	1
1315332	554981	5533871	1
1315333	554999	5533851	1
1315334	555013	5533832	4
1315335	555029	5533809	1
1315336	555044	5533791	1
1315337	555057	5533772	12
1315338	555075	5533752	1
1315339	555087	5533734	1
1315340	555105	5533714	1
1315341	555121	5533694	1
1315342	555135	5533676	1
1315343	555150	5533656	6
1315344	555169	5533635	3
1315345	555184	5533616	1
1315346	555198	5533595	1
1315347	555212	5533577	1
1315348	555228	5533557	3
1315349	555243	5533537	1
1315350	555258	5533518	1
1315351	555274	5533496	1
1315352	555473	5533655	1
1315353	555453	5533676	1
1315354	555439	5533695	1
1315355	555423	5533715	1
1315356	555409	5533734	1
1315357	555395	5533752	1
1315358	555378	5533776	1
1315359	555365	5533795	1
1315360	555346	5533816	1
1315361	555333	5533834	1
1315362	555314	5533855	1
1315363	555303	5533873	1
1315364	555288	5533892	1
1315365	555271	5533912	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315366	555256	5533932	1
1315367	555243	5533951	1
1315368	555226	5533975	1
1315369	555211	5533991	1
1315370	555194	5534009	1
1315371	555182	5534030	1
1315372	555166	5534049	1
1315373	555150	5534069	1
1315374	555135	5534091	1
1315375	555118	5534115	1
1315376	555101	5534130	1
1315377	555086	5534153	1
1315378	555068	5534171	1
1315379	555057	5534192	6
1315380	555038	5534213	1
1315381	555023	5534231	3
1315382	555006	5534250	5
1315383	554993	5534270	1
1315384	554977	5534289	1
1315385	554960	5534310	2
1315386	554947	5534330	1
1315387	555365	5534206	2
1315388	555377	5534185	4
1315389	555392	5534166	1
1315390	555407	5534147	1
1315391	555422	5534125	1
1315392	555437	5534108	1
1315393	555453	5534088	1
1315394	555467	5534068	3
1315395	555482	5534049	1
1315396	555495	5534029	1
1315397	555512	5534009	1
1315398	555530	5533985	7
1315399	555545	5533966	1
1315400	555559	5533947	1
1315401	555573	5533930	1
1315402	555590	5533909	3
1315403	555605	5533886	1
1315404	555618	5533870	1
1315405	555634	5533848	3
1315406	555650	5533828	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315407	555664	5533809	1
1315408	555913	5532677	1
1315409	555897	5532697	3
1315410	555882	5532720	1
1315411	555865	5532737	1
1315412	555852	5532756	2
1315413	555836	5532777	1
1315414	555821	5532796	1
1315415	555760	5532875	1
1315416	555744	5532892	1
1315417	555728	5532914	1
1315418	555714	5532934	1
1315419	555698	5532951	1
1315420	555683	5532972	1
1315421	556130	5532808	1
1315422	556117	5532827	18
1315423	556101	5532846	1
1315424	556085	5532866	3
1315425	556068	5532885	1
1315426	556054	5532906	1
1315427	556038	5532924	10
1315428	556024	5532941	1
1315429	556007	5532962	1
1315430	555992	5532983	1
1315431	555975	5533005	1
1315432	555965	5533020	1
1315433	555948	5533041	1
1315434	555932	5533063	1
1315435	555917	5533083	1
1315436	555901	5533102	1
1315437	556065	5533286	1
1315438	556082	5533269	3
1315439	556096	5533251	1
1315440	556112	5533230	1
1315441	556126	5533208	1
1315442	556141	5533190	1
1315444	556173	5533151	1
1315445	556190	5533129	1
1315446	556203	5533109	1
1315447	556220	5533089	1
1315448	556234	5533068	36



Sample ID	Easting	Northing	Assay (ppb Au)
1315449	556251	5533048	104
1315450	556265	5533027	1
1315451	556277	5533009	1
1315452	556295	5532991	1
1315453	556315	5532965	1
1315454	556329	5532942	2
1315455	556542	5533095	1
1315456	556528	5533116	1
1315457	556512	5533137	2
1315458	556495	5533153	9
1315459	556480	5533175	1
1315460	556469	5533197	1
1315461	556452	5533213	132
1315463	556414	5533256	1
1315464	556401	5533277	1
1315465	556388	5533296	1
1315466	556375	5533314	4
1315467	556358	5533335	2
1315468	556340	5533354	1
1315469	556325	5533374	1
1315470	556312	5533394	1
1315471	556291	5533411	1
1315472	555928	5533888	2
1315473	555912	5533907	2
1315474	555893	5533926	6
1315475	555881	5533945	1
1315476	555870	5533967	1
1315477	555856	5533981	1
1315478	555832	5534004	1
1315479	555818	5534027	1
1315480	555803	5534047	1
1315481	555787	5534063	3
1315482	555773	5534085	1
1315483	555757	5534105	1
1315484	555743	5534126	83
1315485	555727	5534143	1
1315486	555712	5534164	1
1315487	555695	5534183	3
1315488	555681	5534200	9
1315489	555666	5534220	1
1315490	555620	5534280	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315491	555603	5534300	1
1315492	555588	5534321	1
1315493	555880	5534356	1
1315494	555893	5534337	1
1315495	555908	5534318	1
1315496	555922	5534298	1
1315497	555938	5534278	1
1315498	555954	5534254	5
1315499	555968	5534238	3
1315500	555984	5534214	1
1315501	556001	5534196	1
1315502	556013	5534178	1
1315503	556031	5534155	1
1315504	556046	5534136	1
1315505	556058	5534117	1
1315506	556072	5534099	1
1315507	556090	5534078	1
1315508	556103	5534061	1
1315509	556228	5533898	1
1315510	556242	5533879	3
1315511	556553	5533485	1
1315512	556564	5533467	11
1315513	556595	5533424	4
1315514	556611	5533410	1
1315515	556630	5533387	3
1315516	556645	5533369	1
1315517	556658	5533347	1
1315518	556675	5533326	1
1315519	556766	5533206	3
1315520	556752	5533229	21
1315521	556733	5533244	2
1315522	556721	5533263	2
1315523	556706	5533284	1
1315524	556694	5533304	1
1315525	556809	5533564	1
1315526	556819	5533544	1
1315527	556840	5533521	1
1315528	556852	5533501	1
1315529	556873	5533476	19
1315530	556886	5533461	1
1315531	556902	5533440	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315532	556920	5533418	1
1315533	556934	5533400	1
1315534	556948	5533382	1
1315535	556964	5533360	1
1315536	556981	5533342	1
1315537	556489	5533983	1
1315538	556469	5533998	4
1315539	556458	5534018	1
1315540	556442	5534038	1
1315541	556429	5534060	1
1315542	556410	5534079	1
1315543	556392	5534097	1
1315544	556378	5534118	3
1315545	556364	5534136	1
1315546	556350	5534158	1
1315547	556332	5534175	9
1315548	556314	5534195	1
1315549	556306	5534215	1
1315550	556288	5534236	6
1315551	556275	5534251	1
1315552	556258	5534275	1
1315553	556245	5534295	1
1315554	556230	5534313	1
1315555	556215	5534335	1
1315556	556197	5534353	1
1315557	556185	5534373	1
1315558	556167	5534395	1
1315559	556151	5534412	1
1315560	556134	5534432	1
1315561	556118	5534449	1
1315562	556105	5534468	1
1315563	556455	5534429	1
1315564	556470	5534406	1
1315565	556484	5534387	1
1315566	556499	5534367	6
1315567	556515	5534348	5
1315568	556529	5534331	1
1315569	556547	5534308	1
1315570	556563	5534286	2
1315571	556575	5534269	1
1315572	556590	5534254	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315573	556640	5534189	1
1315574	556654	5534173	1
1315575	556670	5534152	1
1315576	556684	5534135	1
1315577	556696	5534117	1
1315578	556715	5534097	1
1315579	556731	5534078	1
1315580	556747	5534054	1
1315581	556763	5534040	1
1315582	556781	5534016	1
1315583	556794	5533998	1
1315584	556811	5533979	1
1315585	557030	5533712	1
1315586	557046	5533691	1
1315587	557061	5533673	1
1315588	557082	5533647	1
1315589	557086	5533618	1
1315590	557101	5533598	1
1315591	557118	5533575	1
1315592	557133	5533559	1
1315593	557146	5533541	1
1315594	557163	5533520	1
1315595	557178	5533508	1
1315596	557198	5533479	1
1315597	557416	5533622	3
1315598	557401	5533634	1
1315599	557388	5533658	1
1315600	557369	5533680	8
1315601	557356	5533700	1
1315602	557338	5533718	1
1315603	557322	5533759	1
1315604	557307	5533757	1
1315605	557291	5533776	1
1315606	557274	5533794	1
1315607	557259	5533814	1
1315608	557243	5533836	1
1315609	557230	5533854	1
1315610	557215	5533872	1
1315611	557196	5533890	1
1315612	557180	5533911	1
1315613	557163	5533930	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315614	557101	5534009	1
1315615	557085	5534029	1
1315616	557069	5534051	1
1315617	557054	5534068	1
1315618	557039	5534088	1
1315619	557023	5534105	1
1315620	557008	5534127	1
1315621	556992	5534144	18
1315622	556979	5534168	1
1315623	556960	5534185	1
1315624	556949	5534203	3
1315625	556931	5534223	1
1315626	556913	5534245	1
1315627	556894	5534262	1
1315628	556882	5534285	1
1315629	556865	5534305	1
1315630	556851	5534324	1
1315631	556830	5534346	1
1315632	556788	5534402	26
1315633	556775	5534421	7
1315634	556759	5534439	1
1315635	556744	5534462	73
1315636	556729	5534484	1
1315637	556713	5534501	1
1315638	556699	5534520	1
1315639	556684	5534542	3
1315640	556669	5534561	1
1315641	556652	5534579	1
1315642	556639	5534599	1
1315643	556621	5534619	1
1315644	556609	5534637	3
1315645	556590	5534660	1
1315646	556573	5534681	1
1315647	556561	5534700	1
1315648	556545	5534719	1
1315649	556529	5534736	1
1315650	556515	5534751	1
1315651	556500	5534773	1
1315652	556487	5534794	1
1315653	556469	5534812	1
1315654	556452	5534831	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315655	556437	5534851	1
1315656	556423	5534869	1
1315657	556408	5534888	1
1315658	556393	5534910	1
1315659	556378	5534929	1
1315660	556364	5534949	1
1315661	556347	5534967	1
1315662	556334	5534986	1
1315663	556315	5535002	1
1315664	556306	5535024	1
1315665	556287	5535043	1
1315666	556273	5535065	1
1315667	556257	5535086	1
1315668	556244	5535105	1
1315669	556230	5535120	1
1315670	556216	5535136	1
1315671	556846	5534736	1
1315672	556863	5534717	1
1315673	556878	5534695	1
1315674	556893	5534674	1
1315675	556908	5534659	88
1315676	556988	5534557	1
1315677	557004	5534535	8
1315678	557017	5534520	6
1315679	557035	5534491	1
1315680	557051	5534474	1
1315681	557064	5534456	1
1315682	557081	5534429	1
1315683	557097	5534409	1
1315684	557114	5534393	1
1315685	557129	5534375	1
1315686	557141	5534350	1
1315687	557158	5534331	1
1315688	558828	5535456	1
1315689	558813	5535472	1
1315690	558757	5535545	1
1315691	558743	5535557	1
1315692	558727	5535576	1
1315693	558711	5535597	1
1315694	558695	5535616	1
1315695	558678	5535635	2



Sample ID	Easting	Northing	Assay (ppb Au)
1315696	558662	5535661	1
1315697	558650	5535677	1
1315698	558637	5535698	1
1315699	558619	5535715	1
1315700	558604	5535738	1
1315701	558591	5535753	1
1315702	558577	5535771	1
1315703	558561	5535791	1
1315704	558542	5535811	3
1315705	558527	5535834	1
1315706	558512	5535853	1
1315707	558494	5535871	1
1315708	558480	5535897	1
1315709	558463	5535911	1
1315710	558448	5535931	1
1315711	558427	5535962	1
1315712	558231	5535808	1
1315713	558243	5535792	1
1315714	558268	5535764	1
1315715	558280	5535742	1
1315716	558293	5535720	1
1315717	558317	5535697	1
1315718	558331	5535677	1
1315719	558348	5535661	1
1315720	558364	5535643	1
1315721	558379	5535618	1
1315722	558391	5535596	1
1315723	558410	5535593	1
1315724	558421	5535556	1
1315725	558433	5535539	1
1315726	558451	5535527	1
1315727	558462	5535501	1
1315728	558483	5535485	1
1315729	558503	5535462	1
1315730	558518	5535442	1
1315731	558534	5535414	1
1315732	558560	5535379	1
1315733	558580	5535367	1
1315734	558362	5535217	1
1315735	558358	5535239	1
1315736	558337	5535261	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315737	558321	5535273	1
1315738	558312	5535294	1
1315739	558312	5535294	1
1315740	558278	5535336	19
1315741	558262	5535358	1
1315742	558245	5535379	1
1315743	558229	5535397	1
1315744	558215	5534427	1
1315745	558199	5534439	1
1315746	558189	5534456	1
1315747	558171	5534476	1
1315748	558152	5534501	1
1315749	558141	5534515	1
1315750	558124	5534535	1
1315751	558111	5534556	1
1315752	558092	5534580	1
1315753	558075	5534595	1
1315754	558062	5534619	1
1315755	558047	5534635	1
1315756	558031	5534655	1
1315757	557835	5535502	1
1315758	557853	5535483	1
1315759	557867	5535463	1
1315760	557879	5535442	1
1315761	557899	5535425	1
1315762	557914	5535405	1
1315763	557928	5535385	2
1315764	557943	5535370	1
1315765	557955	5535346	1
1315766	557975	5535330	1
1315767	557991	5535308	1
1315768	558007	5535289	1
1315769	558020	5535268	14
1315770	558035	5535249	1
1315771	558051	5535228	1
1315772	558067	5535209	6
1315773	558084	5535188	1
1315774	558097	5535168	5
1315775	558110	5535147	1
1315776	558128	5535132	1
1315801	557392	5534462	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315802	557376	5534485	1
1315803	557358	5534503	1
1315804	557344	5534522	1
1315805	557328	5534542	1
1315806	557308	5534558	5
1315807	557298	5534575	1
1315808	557281	5534598	1
1315809	557267	5534617	1
1315810	557249	5534636	1
1315811	557232	5534655	1
1315812	557216	5534675	1
1315813	557201	5534695	1
1315814	557186	5534713	1
1315815	557168	5534732	1
1315816	557152	5534749	1
1315817	557138	5534771	1
1315818	557032	5534906	1
1315819	557017	5534926	1
1315820	557000	5534946	1
1315821	557987	5534967	15
1315822	557972	5534986	1
1315823	556957	5535007	1
1315824	557170	5535141	1
1315825	557183	5535124	1
1315826	557289	5534986	1
1315827	557302	5534970	1
1315828	557328	5534941	1
1315829	557336	5534925	1
1315830	557350	5534902	6
1315831	557366	5534884	1
1315832	557380	5534868	2
1315833	557396	5534851	1
1315834	557412	5534823	1
1315835	557433	5534803	1
1315836	557448	5534782	1
1315837	557455	5534764	1
1315838	557474	5534742	1
1315839	557676	5534895	1
1315840	557663	5534913	1
1315841	557646	5534935	1
1315842	557625	5534953	1



Sample ID	Easting	Northing	Assay (ppb Au)
1315843	557615	5534971	1
1315844	557601	5534995	1
1315845	557586	5535011	1
1315846	557570	5535027	1
1315847	557554	5535047	15
1315848	557539	5535069	1
1315849	557523	5535085	1
1315850	557509	5535111	6
1315851	557494	5535123	1
1315852	557478	5535143	4
1315853	557465	5535162	1
1315854	557637	5535346	1
1315855	557656	5535331	1
1315856	557671	5535311	1
1315857	557699	5535271	1
1315858	557715	5535249	1
1315859	557732	5535228	1
1315860	557748	5535210	1
1315861	557763	5535193	11
1315862	557776	5535172	1
1315863	557792	5535154	1
1315864	557808	5535130	1
1315865	557824	5535108	1
1315866	557839	5535088	1
1315867	557855	5535081	1
1315868	557869	5535052	1



Appendix IV Assay Certificates

Attached as a separate file.



Appendix V Figures for Mapping & Soil Sampling

Attached as separate files.