



ASSESSMENT REPORT

Goldlund 2012 Soil Sampling Program

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:



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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, 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 of over 3 km.

Between June and August 2012, Tamaka Gold Corp. completed a b-horizon soil sampling program over the northern portion of the Goldlund Property. A total of 2130 samples were taken to test for anomalous gold over untested ground.

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
As	Arsenic	Ni	Nickel
Au	Gold	NSR	net smelter return



Term	Meaning	Term	Meaning
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
Annum (year)	a	Megavolt-ampere	MVA
Billion years ago	Ga	Megawatt	MW



Units of Measure	Abbreviation	Units of Measure	Abbreviation
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
Joules per kilowatt-hour	J/kWh	Short tons per day (US)	tpd
Kelvin	K	Short tons per hour (US)	tph



Units of Measure	Abbreviation	Units of Measure	Abbreviation
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



To Convert From	To	Multiply By
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). A detailed claim map is included in Appendix 1.

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.

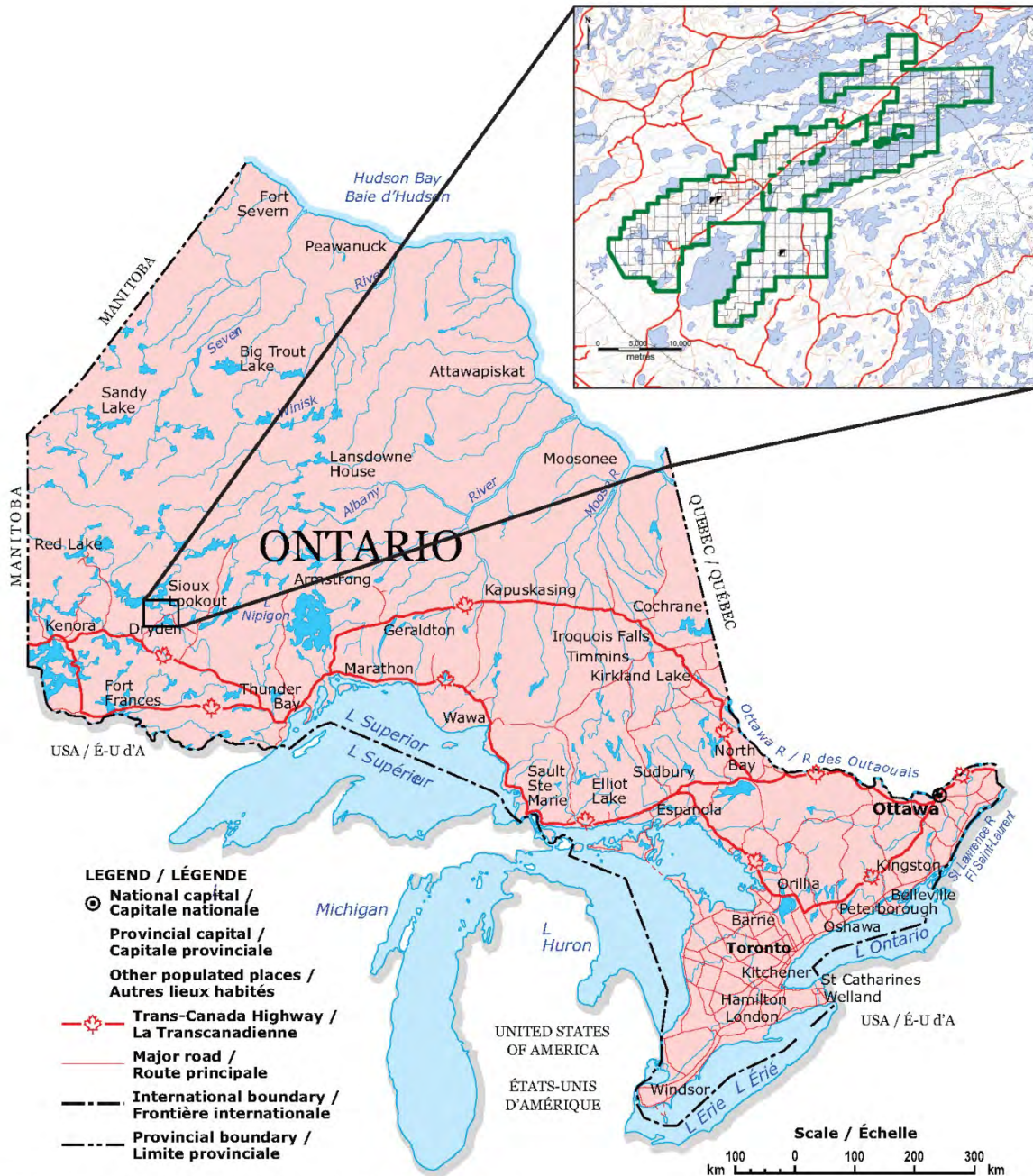


Figure 1 – Goldlund Property Location Map



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
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



Township /Area	Claim Number	Recording Date	Percent Option	Work Required	Total Applied	Units	Ha
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
MCAREE	3019656	2005-Sep-30	100%	\$1,600	\$9,600	4	64
MCAREE	3019701	2005-Nov-04	100%	\$800	\$4,800	2	32



Township /Area	Claim Number	Recording Date	Percent Option	Work Required	Total Applied	Units	Ha
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
VERMILION	4200307	2006-Jan-13	100%	\$2,400	\$12,000	6	96
WEBB	4253224	2011-Jan-24	100%	\$2,400	\$0	6	96



Township /Area	Claim Number	Recording Date	Percent Option	Work Required	Total Applied	Units	Ha
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
MACFIE	4224121	2010-Aug-30	100%	\$2,400	\$2,400	6	96
MACFIE	4253409	2011-Aug-08	100%	\$800	\$0	2	32



Township /Area	Claim Number	Recording Date	Percent Option	Work Required	Total Applied	Units	Ha
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
JORDAN	4259716	2010-Nov-10	100%	\$1,200	\$0	3	48
JORDAN	4259717	2010-Nov-10	100%	\$1,200	\$0	3	48



Township /Area	Claim Number	Recording Date	Percent Option	Work Required	Total Applied	Units	Ha
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
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



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



Township /Area	Claim Number	Recording Date	Percent Option	Work Required	Total Applied	Units	Ha
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 1940's. From the late 1940's 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	Underg. Devel.
1941-47	Lunward Gold Mines Ltd.					X	
1945, 47	Windward Gold Mines Ltd.					X	
1950	Conecho Mines Ltd.					X	
1946-50	East Lun Gold Mines		X			X	X
1951, 52	Newland						X
1971	Windfall Oil & Mines	X					
1976-80	Goldlund Mines Ltd.					X	
1980	Windfall Oils & Mines					X	
1984	Goldlund Mines Ltd.					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 Inc.			X	X		
2007-08	Tamaka Holdings					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 Showings over the Goldlund Property

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).

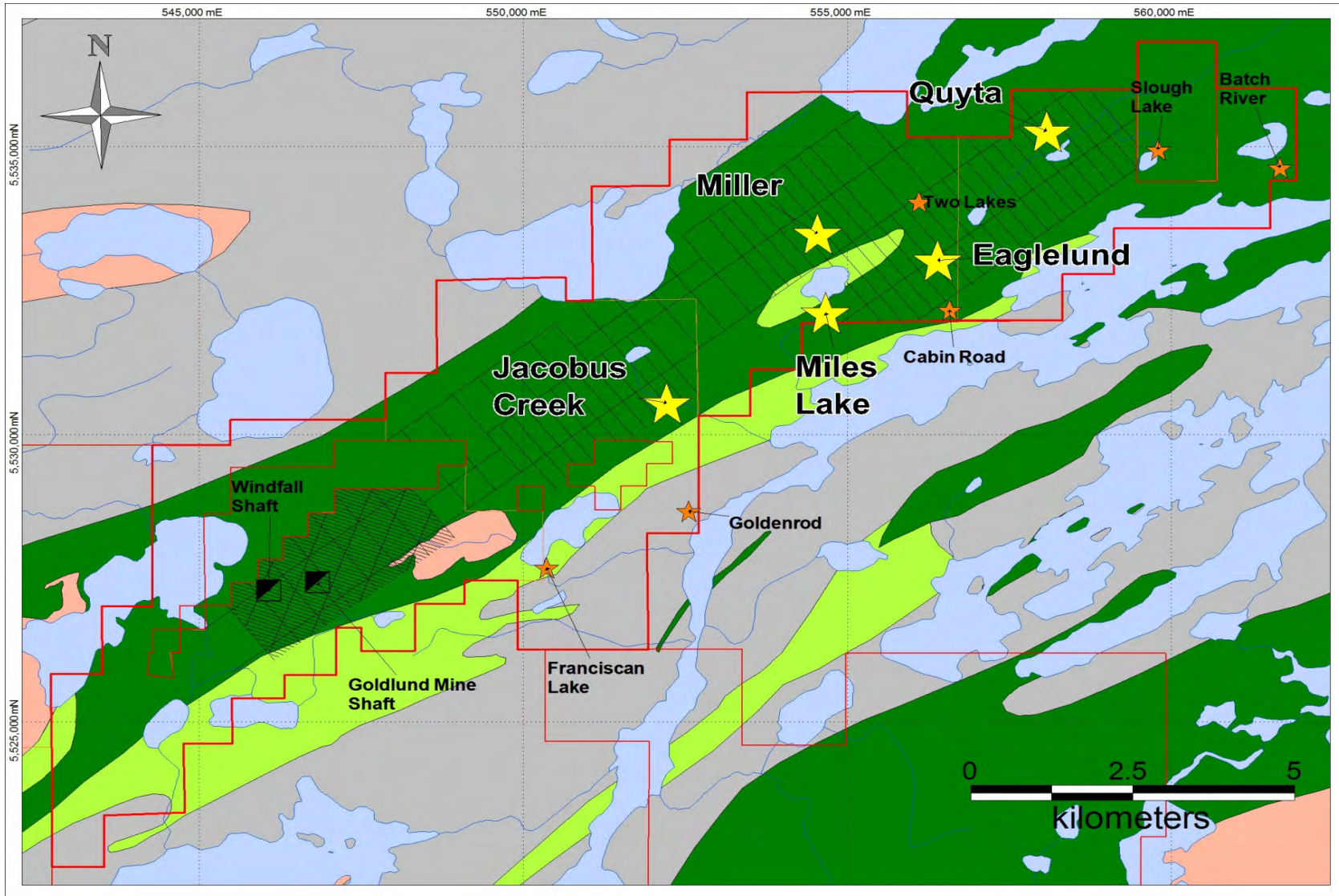


Figure 2 – Gold occurrences on the Goldlund Property



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.

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.

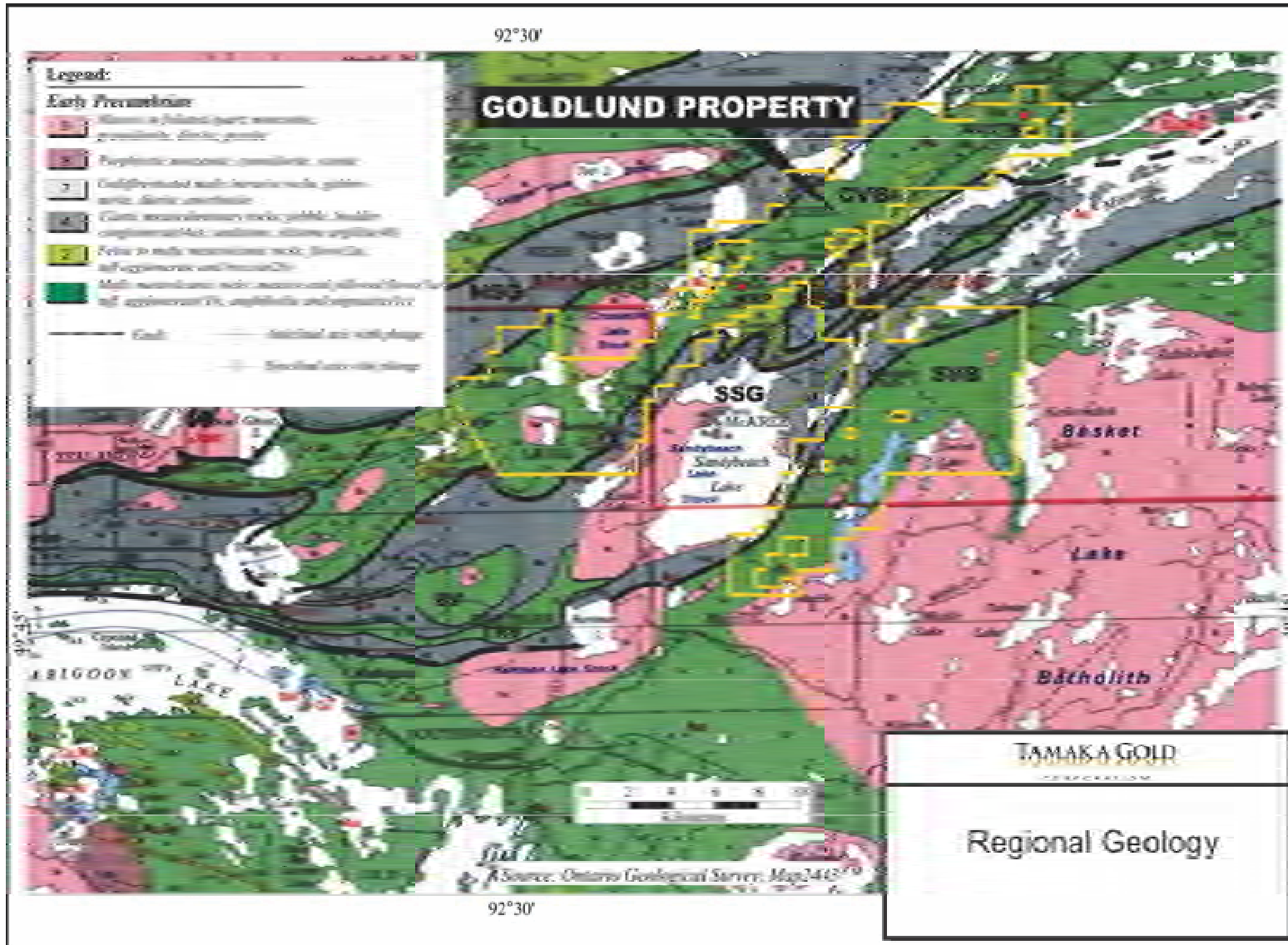


Figure 3 – Regional geology of Goldlund Property area (modified from McCracken, et al. 2010)



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.

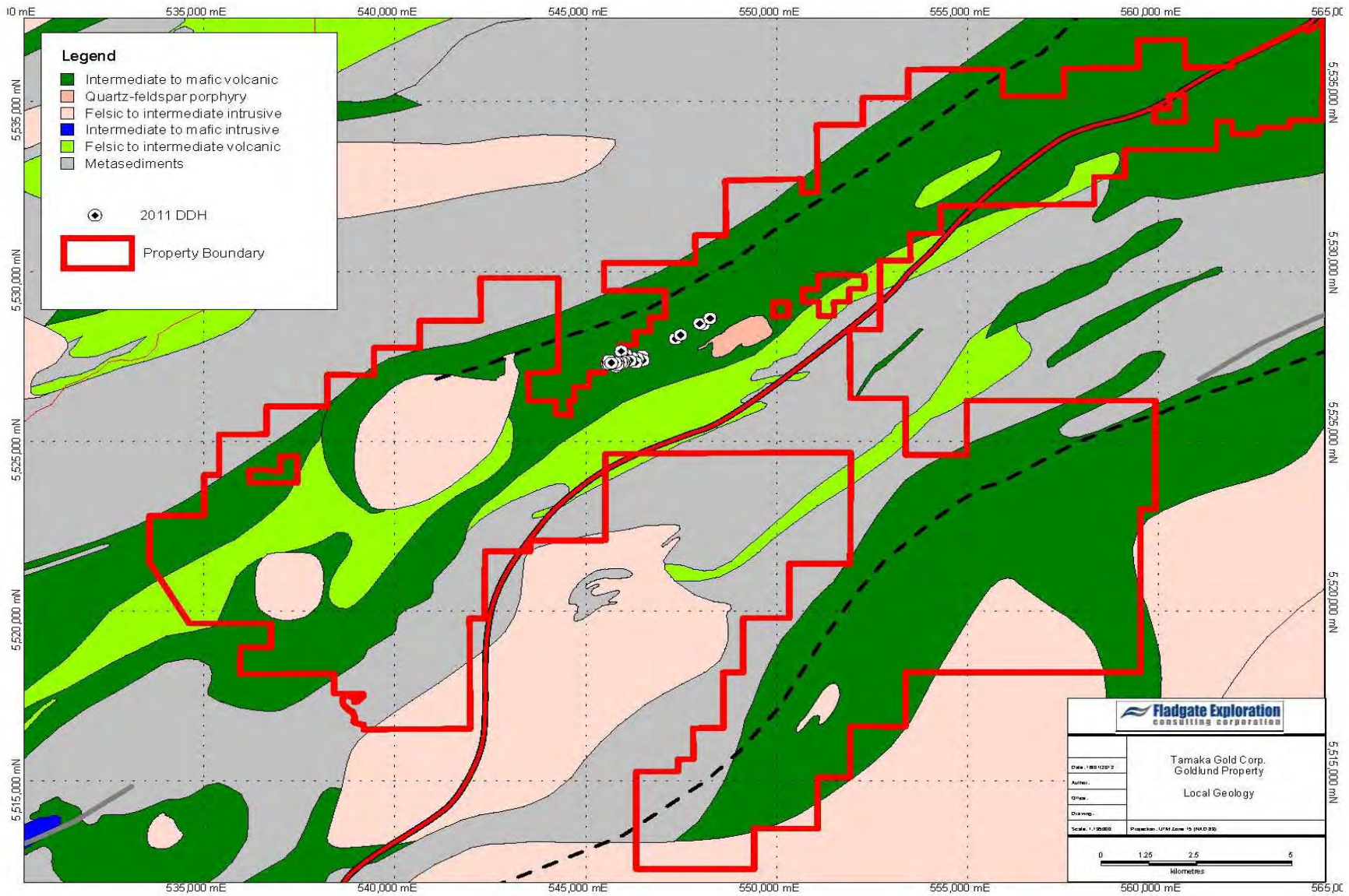


Figure 4 – Geology of the Goldlund Property



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

During the period of June 14, 2012 to July 15, 2012, Tamaka conducted a soil sampling program over the known Goldlund zone, the central portion of the Property (to the Northeast of the main zones) and the Tarbush area (to the Southwest of the main zones). The program was conducted by Fladgate Exploration. This project entailed sampling the B soil horizon to determine if there is potential for anomalous gold mineralization in the bedrock below.

All soil sampling lines trend Northwest approximately perpendicular to the main trend of the gold hosting structures on the Property. The first “test” line was completed over the know Goldlund zones



to determine if the soil samples would pick up anomalous gold values in the B horizon over the known zones (Figure 5). On the “test” line samples were collected at 25 metre spacing on a 475 metre line.

Additional lines were completed in the relatively unexplored Central and Tarbush areas (Figures 6&7). In the Central area samples were collected at 25 metre intervals over 250 metre spaced lines, while in the Tarbush area samples were collected at 30 metre intervals over four 300 metre long, 150 metre spaced lines. During this project a total of 1,288 soils samples were collected.

8 Sampling Method and Approach

Soil samples were collected by Fladgate staff for Tamaka, B horizon soils were taken whenever possible and some A and B horizon samples were taken when necessary. Whenever soil was not present reason was noted. Description of the soil and terrain can be found in Appendix II.

9 Sample Preparation, Analysis and Security

All samples were sent to Accurassay Laboratories in Thunder Bay, Ontario for preparation and analyses. All soil samples were analyzed using Au fire assay with ICP finish analysis, the Accurassay code for the analysis is ALFA4.

10 Interpretations and Conclusions

The “test” line over the Goldlund known zones were short lines perpendicular to the trend of the main zones. This test was successful in returning anomalous gold values over the known zones (Figure 5).

The remainder of the samples during this program were collected over the cut and surveyed central grid and four lines over the Tarbush area. The B horizon samples were taken to determine if there is potential for anomalous mineralization in the bedrock in these areas outside the known mineralized zones.

Results were encouraging with many of the anomalous gold values in the soil sampling program correlating to favourable geological settings and could indicate further extensions of the known mineralized zones. In the Central grid, several samples returned anomalous gold values in both the greenstone and the felsic to intermediate intrusive units (Figure 6). Although, the Tarbush program was significantly smaller in number of samples but still return one sample with an anomalous gold value, see Figure 7.

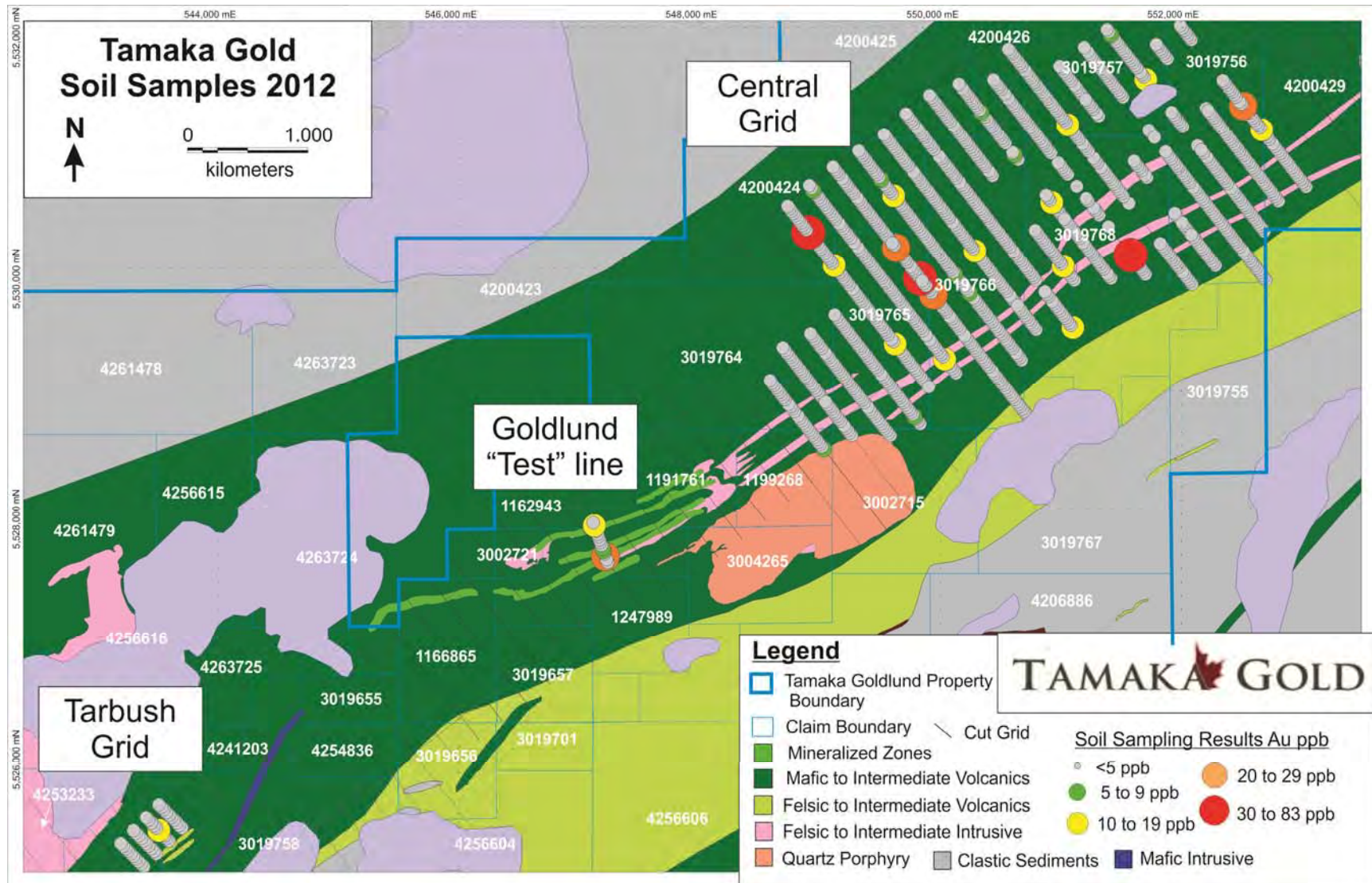


Figure 5 – Goldlund 2012 Soil Sampling Overview.

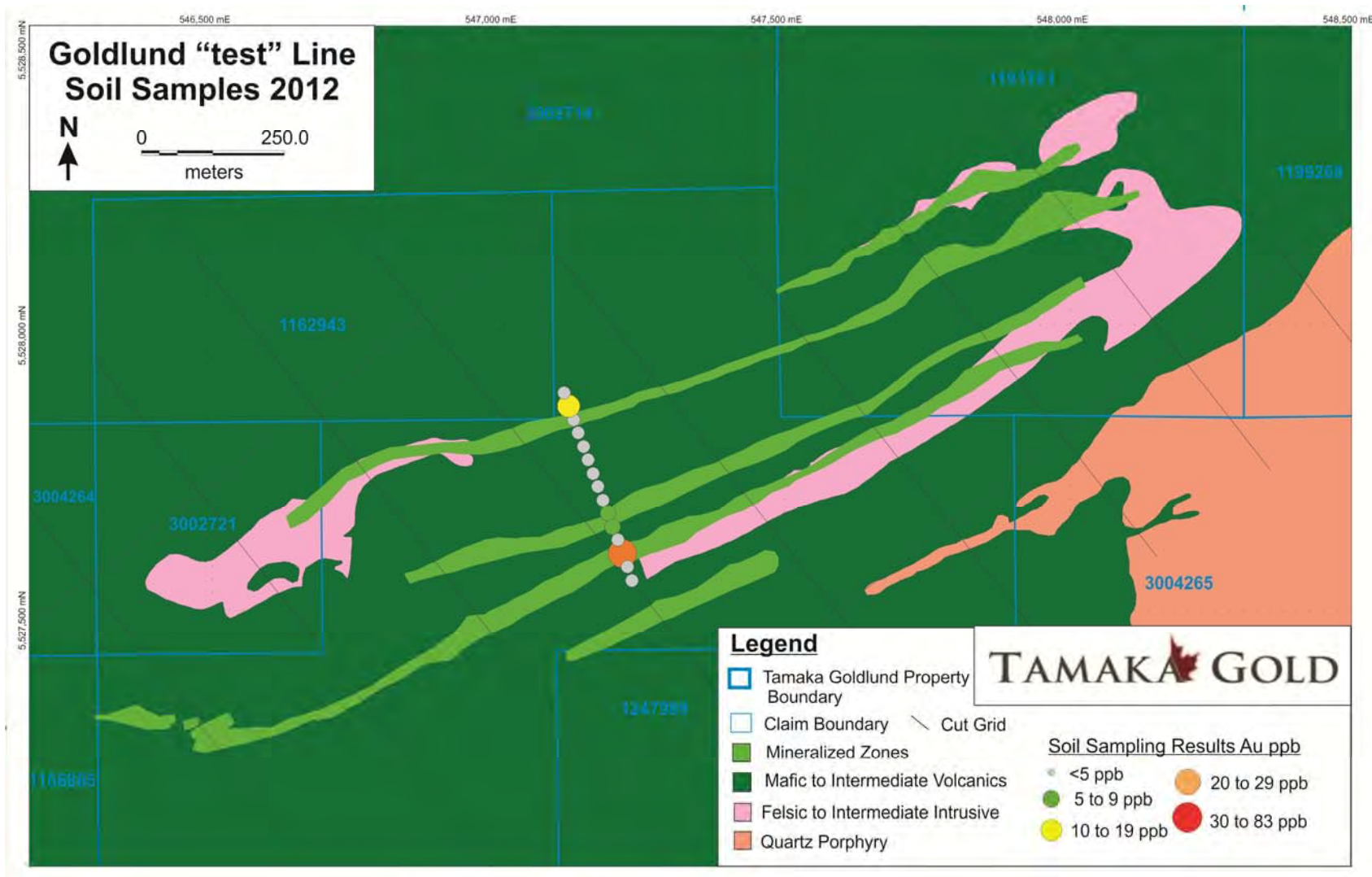


Figure 6 – Soil samples collected on the “test” line over the known Goldlund Zones.

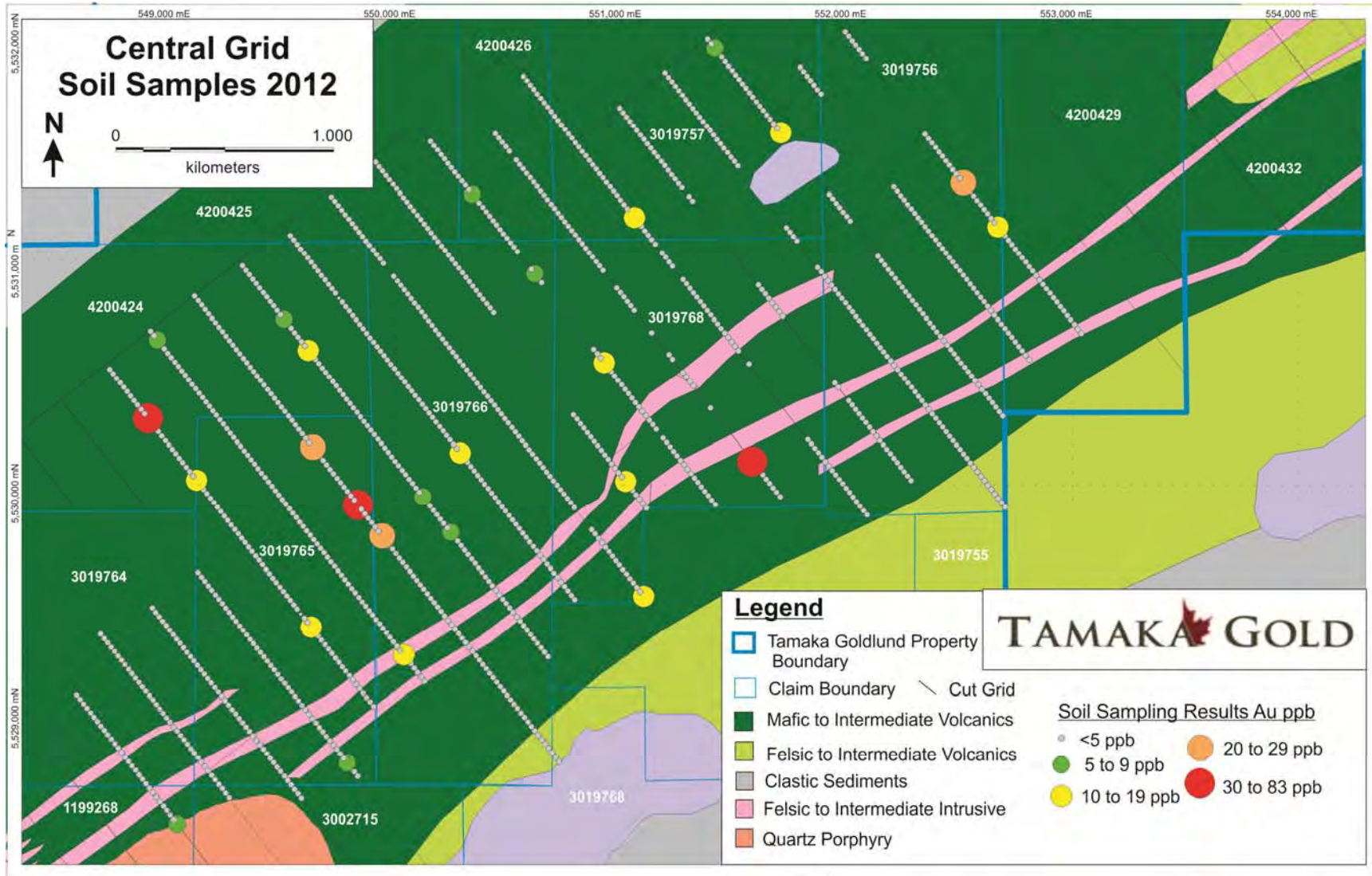


Figure 7 – Soil samples collected over the Central Grid.

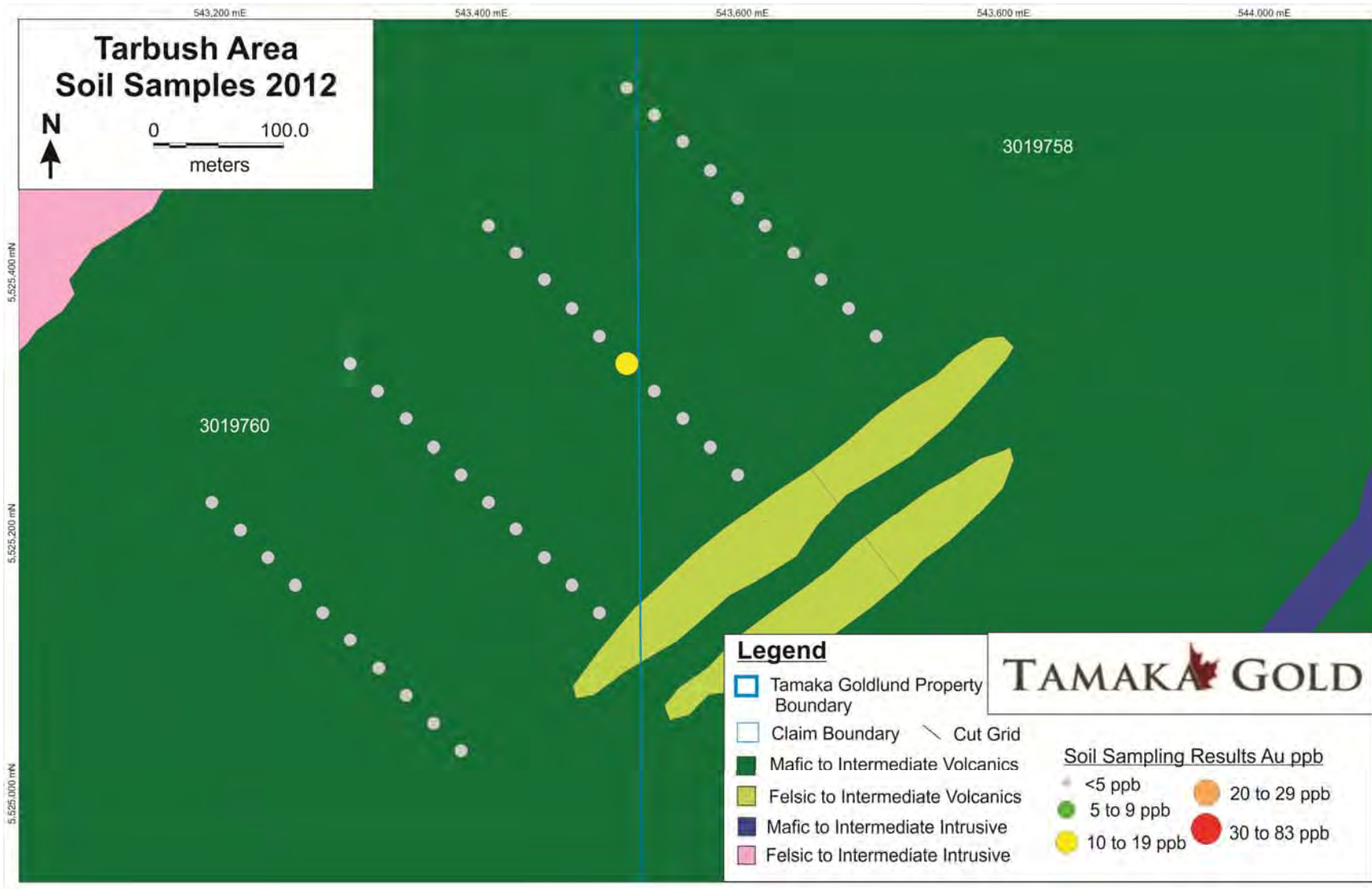


Figure 8 – Soil samples collected in the Tarbush Area



11 Recommendations

Further investigation of the Central and Tarbush areas is required to fully evaluate the mineral potential and possible extension of mineralization to the Northeast and Southwest of the main Goldlund zones. Phase one of exploration should include mapping of the Central and Tarbush areas with investigation of the potential for mechanical overburden trenching and channel sampling in these areas. In addition Phase Two would include; a 2000 metre drill program should be completed to test if the anomalous gold values from the soil sampling program correlate to mineralized zones in the underlying bedrock.

A preliminary budget of approximately CAD\$554,000.00 should cover this two phase program (excluding mechanical overburden trenching until further investigation proves it feasible).

Table 9 – Proposed budget for Phase 1 and Phase 2 Exploration Programs

Phase	Item	Units	Cost \$/Unit	Quantity	Cost
1	Labour Costs (Geo & Tech)	Month	\$125,000	1	\$125,000
	Meals & Accommodation	Month	\$4,000	1	\$4,000
	Transportation & Fuel	Month	\$3,000	1	\$3,000
	Litho-geochemical Assays	Sample	\$30	1,000	\$30,000
TOTAL Phase 1					\$162,000
2	Litho-geochemical Assays	Sample	\$30	2,000	\$60,000
	Transportation & Fuel	Month	\$3,000	1	\$3,000
	Meals & Accommodation	Month	\$4,000	1	\$4,000
	Labour Costs (Geo & Tech)	Month	\$125,000	1	\$125,000
	Diamond Drilling	Metre	\$100	2,000	\$200,000
TOTAL Phase 2					\$392,000

12 References

- Agnerian, H., *et al.* *Technical Report on the Goldlund Gold Property; Ontario, Canada.* Tamaka Gold Corp., 2006.
- Armstrong, H.S., & Webb, J.K. *Map No. 1950-1. Township of Echo, District of Kenora, Ontario.* 1946.
- Baker, R.W. *Geological Report on the Northeast Portion of the Quyta Group of 38 mineral claims of Nahanni Mines Limited.* 1980.
- Chorlton, L. *Geological History of the Sandybeach Lake Area and its implication for Gold Exploration.* 1991.
- Fingas, T.J. *Report on preliminary mapping on Tamaka's Goldlund Property Property.* Tamaka Gold Corp. 2011.



- Hudson, A.S. *Geological Report on the Properties of Eagle Lund Mines Limited and Gold Eagle Mines Limited*. 1950.
- Kidd, R. *1982 Diamond Drilling Program, Braeswood Exploration Limited*. Ontario Geological Survey, AFRI File #52F16NE8274. 1982.
- Langelaar, J. *Report on the Powerstripping and Diamond Drilling Programs Claims: 850187 and 850188, Pickerel Township*. Tarbush Lode Mining Limited. 1985.
- Langelaar, J. *Report on the Powerstripping Program East Block Claims #612024, 612025 and 612026*. Tarbush Lode Mining Limited. 1985.
- Mason, J.K., et al. *Report of Activities, 1998, Resident Geologist Program, Thunder Bay North and Sioux Lookout Districts*. Ontario Geological Survey. 1999.
- McCracken, T., et al. *Technical Report and Resource Estimate on the KRP Deposit, KRP Project, Sioux Lookout, Ontario*. Tamaka Gold Corp. 2010.
- Meagher, J.T. *Geological Report, Miller Group*. Ontario Geological Survey, AFRI File #52F16NE8092. 1951.
- Neilson, J.N. & Bryce, R.C.E. *Feasibility of Small Scale Gold Mining in Northwestern Ontario (parts of the Districts of Kenora, Rainy River and Thunder Bay)*. 1981.
- Ogden, M. *Geological Survey of the Miles Lake Properties*. 1982.
- Page, R.O. *Geology of the Lateral Lake Area, District of Kenora*. Ontario Geological Survey, OFR 5518. 1984.
- Pieterse, R.K. *Summation and Extracts from Historic Technical Reports on Goldlund Property of Tamaka Holdings, Inc.* 2005.
- Pettigrew, T. *Technical Report for MNDM Purposes, 2010 Drilling Program*. Tamaka Gold Corp. 2010.
- PK Geological Services. *Technical Report and Mineral Inventory Estimate for the Goldlund Gold Property, Dryden Area, Northwestern Ontario*. Tamaka Gold Corp. 2009.
- Redden, J.W. *Nufort Resources Inc. Cigar Gold Group 1996 Drilling Summary*. Ontario Geological Survey, AFRI File #52F16NE0004. 2006.
- Williamson, J.D. *Geological Report Macho River Gold Mines Limited*. Ontario Geological Survey, AFRI File #52F16NE8564. 1980.

13 Date

This report was completed on October 25, 2012.



14 Statement of Qualifications

STATEMENT OF QUALIFICATIONS

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

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

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

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

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

I am, through Fladgate Exploration Consulting Corporation, currently providing consulting services to Tamaka Gold Corp.

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

This report is based on a study of all information made available to me, both published and unpublished, and on information collected in the field by myself and by Fladgate Exploration Consulting Corporation personnel, or provided to me during the period of July to October, 2012.

Dated in Thunder Bay, Ontario, this 25th day of October, 2012.

A handwritten signature in black ink that reads "Maura Kolb". The signature is written in a cursive style with a large, stylized 'M' and 'K'.

Maura J. Kolb



Appendix I Assay certificate



1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5

Tel: (807) 626-1630
Fax: (807) 622-7571

www accurassay.com
assay@accurassay.com

Wednesday, October 17, 2012

Final Certificate

Fladgate Exploration
195 Park Avenue
Thunder Bay, ON, CAN
P7B1B9
Email: assays@fladgateexploration.com

Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppo	Au ozt	Au g/t (ppm)
207047	753450	-2	<0.001	<0.002
207048	753451	-2	<0.001	<0.002
207049	753452	20	<0.001	0.020
207050	753453	3	<0.001	0.003
207051	753454	6	<0.001	0.006
207052	753455	6	<0.001	0.006
207053	753456	-2	<0.001	<0.002
207054	753457	-2	<0.001	<0.002
207055	753458	-2	<0.001	<0.002
207056	753459	-2	<0.001	<0.002
207057 Dup	753459	3	<0.001	0.003
207058	753460	4	<0.001	0.004
207059	753461	-2	<0.001	<0.002
207060	753462	-2	<0.001	<0.002
207061	753463	10	<0.001	0.010
207062	753464	-2	<0.001	<0.002
207063	753465	8	<0.001	0.008
207064	753466	-2	<0.001	<0.002
207065	753467	-2	<0.001	<0.002
207066	753468	-2	<0.001	<0.002
207067	753469	-2	<0.001	<0.002
207068 Dup	753469	-2	<0.001	<0.002
207069	753470	-2	<0.001	<0.002
207070	753471	-2	<0.001	<0.002
207071	753472	-2	<0.001	<0.002
207072	753473	-2	<0.001	<0.002
207073	753474	-2	<0.001	<0.002
207074	753475	-2	<0.001	<0.002
207075	753476	-2	<0.001	<0.002
207076	753477	-2	<0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au gt (ppm)
207077	753478	<-2	<-0.001	<-0.002
207078	753479	<-2	<-0.001	<-0.002
207079 Dup	753479	<-2	<-0.001	<-0.002
207080	753480	<-2	<-0.001	<-0.002
207081	753481	<-2	<-0.001	<-0.002
207082	753482	<-2	<-0.001	<-0.002
207083	753483	<-2	<-0.001	<-0.002
207084	753484	<-2	<-0.001	<-0.002
207085	753485	<-2	<-0.001	<-0.002
207086	753486	<-2	<-0.001	<-0.002
207087	753487	<-2	<-0.001	<-0.002
207088	753488	<-2	<-0.001	<-0.002
207089	753489	<-2	<-0.001	<-0.002
207090 Dup	753489	<-2	<-0.001	<-0.002
207091	753490	<-2	<-0.001	<-0.002
207092	753491	<-2	<-0.001	<-0.002
207093	753492	<-2	<-0.001	<-0.002
207094	753493	<-2	<-0.001	<-0.002
207095	753494	<-2	<-0.001	<-0.002
207096	753495	<-2	<-0.001	<-0.002
207097	753496	<-2	<-0.001	<-0.002
207098	753497	<-2	<-0.001	<-0.002
207099	753498	<-2	<-0.001	<-0.002
207100	753499	2	<-0.001	0.002
207101 Dup	753499	<-2	<-0.001	<-0.002
207102	753500	<-2	<-0.001	<-0.002
207103	753501	<-2	<-0.001	<-0.002
207104	753502	<-2	<-0.001	<-0.002
207105	753503	<-2	<-0.001	<-0.002
207106	753504	<-2	<-0.001	<-0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au gt (ppm)
207107	753505	3	<-0.001	0.003
207108	753506	<-2	<-0.001	<-0.002
207109	753507	<-2	<-0.001	<-0.002
207110	753508	<-2	<-0.001	<-0.002
207111	753509	4	<-0.001	0.004
207112 Rep	753509	2	<-0.001	0.002
207113	753510	<-2	<-0.001	<-0.002
207114	753511	<-2	<-0.001	<-0.002
207115	753512	<-2	<-0.001	<-0.002
207116	753513	<-2	<-0.001	<-0.002
207117	753514	<-2	<-0.001	<-0.002
207118	753515	<-2	<-0.001	<-0.002
207119	753516	<-2	<-0.001	<-0.002
207120	753517	<-2	<-0.001	<-0.002
207121	753518	<-2	<-0.001	<-0.002
207122	753519	<-2	<-0.001	<-0.002
207123 Dup	753519	<-2	<-0.001	<-0.002
207124	753520	<-2	<-0.001	<-0.002
207125	753521	<-2	<-0.001	<-0.002
207126	753522	<-2	<-0.001	<-0.002
207127	753523	<-2	<-0.001	<-0.002
207128	753524	<-2	<-0.001	<-0.002
207129	753525	<-2	<-0.001	<-0.002
207130	753526	<-2	<-0.001	<-0.002
207131	753527	<-2	<-0.001	<-0.002
207132	753528	<-2	<-0.001	<-0.002
207133	753529	<-2	<-0.001	<-0.002
207134 Dup	753529	<-2	<-0.001	<-0.002
207135	753530	3	<-0.001	0.003
207136	753531	<-2	<-0.001	<-0.002

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 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au gt (ppm)
207137	753532	-2	-0.001	-0.002
207138	753533	-2	-0.001	-0.002
207139	753534	-2	-0.001	-0.002
207140	753535	-2	-0.001	-0.002
207141	753536	-2	-0.001	-0.002
207142	753537	-2	-0.001	-0.002
207143	753538	-2	-0.001	-0.002
207144	753539	-2	-0.001	-0.002
207145 Dup	753539	-2	-0.001	-0.002
207146	753540	-2	-0.001	-0.002
207147	753541	-2	-0.001	-0.002
207148	753542	-2	-0.001	-0.002
207149	753543	-2	-0.001	-0.002
207150	753544	-2	-0.001	-0.002
207151	753545	-2	-0.001	-0.002
207152	753546	-2	-0.001	-0.002
207153	753547	-2	-0.001	-0.002
207154	753548	-2	-0.001	-0.002
207155	753549	-2	-0.001	-0.002
207156 Dup	753549	-2	-0.001	-0.002
207157	753550	-2	-0.001	-0.002
207158	753551	-2	-0.001	-0.002
207159	753552	-2	-0.001	-0.002
207160	753553	-2	-0.001	-0.002
207161	753554	-2	-0.001	-0.002
207162	753555	-2	-0.001	-0.002
207163	753556	-2	-0.001	-0.002
207164	753557	-2	-0.001	-0.002
207165	753558	-2	-0.001	-0.002
207166	753559	-2	-0.001	-0.002

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Date Received: 07/23/2012
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Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au gt (ppm)
207167 Dup	753559	<2	<0.001	<0.002
207168	753560	<2	<0.001	<0.002
207169	753561	<2	<0.001	<0.002
207170	753562	<2	<0.001	<0.002
207171	753563	<2	<0.001	<0.002
207172	753564	<2	<0.001	<0.002
207173	753565	<2	<0.001	<0.002
207174	753566	<2	<0.001	<0.002
207175	753567	<2	<0.001	<0.002
207176	753568	<2	<0.001	<0.002
207177	753569	<2	<0.001	<0.002
207178 Rep	753569	<2	<0.001	<0.002
207179	753570	<2	<0.001	<0.002
207180	753571	<2	<0.001	<0.002
207181	753572	<2	<0.001	<0.002
207182	753573	<2	<0.001	<0.002
207183	753574	<2	<0.001	<0.002
207184	753575	<2	<0.001	<0.002
207185	753576	<2	<0.001	<0.002
207186	753577	<2	<0.001	<0.002
207187	753578	<2	<0.001	<0.002
207188	753579	<2	<0.001	<0.002
207189 Dup	753579	<2	<0.001	<0.002
207190	753580	<2	<0.001	<0.002
207191	753581	<2	<0.001	<0.002
207192	753582	<2	<0.001	<0.002
207193	753583	<2	<0.001	<0.002
207194	753584	<2	<0.001	<0.002
207195	753585	<2	<0.001	<0.002
207196	753586	<2	<0.001	<0.002

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Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au gt (ppm)
207197	753587	<2	<0.001	<0.002
207198	753588	<2	<0.001	<0.002
207199	753589	<2	<0.001	<0.002
207200 Dup	753589	<2	<0.001	<0.002
207201	753590	<2	<0.001	<0.002
207202	753591	<2	<0.001	<0.002
207203	753592	<2	<0.001	<0.002
207204	753593	<2	<0.001	<0.002
207205	753594	<2	<0.001	<0.002
207206	753595	<2	<0.001	<0.002
207207	753596	<2	<0.001	<0.002
207208	753597	<2	<0.001	<0.002
207209	753598	<2	<0.001	<0.002
207210	753599	<2	<0.001	<0.002
207211 Dup	753599	2	<0.001	0.002
207212	753600	<2	<0.001	<0.002
207213	753601	<2	<0.001	<0.002
207214	753602	<2	<0.001	<0.002
207215	753603	<2	<0.001	<0.002
207216	753604	<2	<0.001	<0.002
207217	753605	<2	<0.001	<0.002
207218	753606	<2	<0.001	<0.002
207219	753607	<2	<0.001	<0.002
207220	753608	<2	<0.001	<0.002
207221	753609	<2	<0.001	<0.002
207222 Dup	753609	<2	<0.001	<0.002
207223	753610	<2	<0.001	<0.002
207224	753611	<2	<0.001	<0.002
207225	753612	<2	<0.001	<0.002
207226	753613	<2	<0.001	<0.002

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
207227	753614	<2	<0.001	<0.002
207228	753615	<2	<0.001	<0.002
207229	753616	<2	<0.001	<0.002
207230	753617	<2	<0.001	<0.002
207231	753618	<2	<0.001	<0.002
207232	753619	<2	<0.001	<0.002
207233 Dup	753619	<2	<0.001	<0.002
207234	753620	<2	<0.001	<0.002
207235	753621	7	<0.001	0.007
207236	753622	<2	<0.001	<0.002
207237	753623	<2	<0.001	<0.002
207238	753624	<2	<0.001	<0.002
207239	753625	<2	<0.001	<0.002
207240	753626	<2	<0.001	<0.002
207241	753627	<2	<0.001	<0.002
207242	753628	<2	<0.001	<0.002
207243	753629	<2	<0.001	<0.002
207244 Rep	753629	<2	<0.001	<0.002
207245	753630	<2	<0.001	<0.002
207246	753631	2	<0.001	0.002
207247	753632	<2	<0.001	<0.002
207248	753633	<2	<0.001	<0.002
207249	753634	<2	<0.001	<0.002
207250	753635	<2	<0.001	<0.002
207251	753636	<2	<0.001	<0.002
207252	753637	<2	<0.001	<0.002
207253	753638	<2	<0.001	<0.002
207254	753639	<2	<0.001	<0.002
207255 Dup	753639	<2	<0.001	<0.002
207256	753640	<2	<0.001	<0.002

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 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
207257	753641	<2	-0.001	<0.002
207258	753642	<2	-0.001	<0.002
207259	753643	16	-0.001	0.016
207260	753644	<2	-0.001	<0.002
207261	753645	<2	-0.001	<0.002
207262	753646	9	-0.001	0.009
207263	753647	<2	-0.001	<0.002
207264	753648	<2	-0.001	<0.002
207265	753649	<2	-0.001	<0.002
207266 Dup	753649	<2	-0.001	<0.002
207267	753650	<2	-0.001	<0.002
207268	753651	<2	-0.001	<0.002
207269	753652	<2	-0.001	<0.002
207270	753653	<2	-0.001	<0.002
207271	753654	<2	-0.001	<0.002
207272	753655	<2	-0.001	<0.002
207273	753656	<2	-0.001	<0.002
207274	753657	2	-0.001	0.002
207275	753658	<2	-0.001	<0.002
207276	753659	<2	-0.001	<0.002
207277 Dup	753659	<2	-0.001	<0.002
207278	753660	<2	-0.001	<0.002
207279	753661	<2	-0.001	<0.002
207280	753662	<2	-0.001	<0.002
207281	753663	<2	-0.001	<0.002
207282	753664	<2	-0.001	<0.002
207283	753665	<2	-0.001	<0.002
207284	753666	<2	-0.001	<0.002
207285	753667	<2	-0.001	<0.002
207286	753668	<2	-0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au g/t (ppm)
207287	753669	3	-0.001	0.003
207288 Dup	753669	<2	-0.001	<0.002
207289	753670	<2	-0.001	<0.002
207290	753671	<2	-0.001	<0.002
207291	753672	<2	-0.001	<0.002
207292	753673	2	-0.001	0.002
207293	753674	<2	-0.001	<0.002
207294	753675	<2	-0.001	<0.002
207295	753676	13	-0.001	0.013
207296	753677	<2	-0.001	<0.002
207297	753678	<2	-0.001	<0.002
207298	753679	2	-0.001	0.002
207299 Dup	753679	2	-0.001	0.002
207300	753680	<2	-0.001	<0.002
207301	753681	<2	-0.001	<0.002
207302	753682	<2	-0.001	<0.002
207303	753683	<2	-0.001	<0.002
207304	753684	<2	-0.001	<0.002
207305	753685	<2	-0.001	<0.002
207306	753686	<2	-0.001	<0.002
207307	753687	<2	-0.001	<0.002
207308	753688	<2	-0.001	<0.002
207309	753689	3	-0.001	0.003
207310 Rep	753689	2	-0.001	0.002
207311	753690	33	-0.001	0.033
207312	753691	<2	-0.001	<0.002
207313	753692	<2	-0.001	<0.002
207314	753693	<2	-0.001	<0.002
207315	753694	<2	-0.001	<0.002
207316	753695	<2	-0.001	<0.002

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 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au gt (ppm)
207317	753696	<2	<0.001	<0.002
207318	753697	<2	<0.001	<0.002
207319	753698	<2	<0.001	<0.002
207320	753699	2	<0.001	0.002
207321 Dup	753699	<2	<0.001	<0.002
207322	753700	<2	<0.001	<0.002
207323	753701	<2	<0.001	<0.002
207324	753702	<2	<0.001	<0.002
207325	753703	<2	<0.001	<0.002
207326	753704	5	<0.001	0.005
207327	753705	<2	<0.001	<0.002
207328	753706	<2	<0.001	<0.002
207329	753707	<2	<0.001	<0.002
207330	753708	<2	<0.001	<0.002
207331	753709	<2	<0.001	<0.002
207332 Dup	753709	<2	<0.001	<0.002
207333	753710	<2	<0.001	<0.002
207334	753711	<2	<0.001	<0.002
207335	753712	<2	<0.001	<0.002
207336	753713	<2	<0.001	<0.002
207337	753714	<2	<0.001	<0.002
207338	753715	<2	<0.001	<0.002
207339	753716	<2	<0.001	<0.002
207340	753717	<2	<0.001	<0.002
207341	753718	<2	<0.001	<0.002
207342	753719	<2	<0.001	<0.002
207343 Dup	753719	<2	<0.001	<0.002
207344	753720	<2	<0.001	<0.002
207345	753721	<2	<0.001	<0.002
207346	753722	<2	<0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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 Email: assays@fladgateexploration.com

Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au g/t (ppm)
207347	753723	<2	-0.001	<0.002
207348	753724	<2	-0.001	<0.002
207349	753725	<2	-0.001	<0.002
207350	753726	2	-0.001	0.002
207351	753727	<2	-0.001	<0.002
207352	753728	<2	-0.001	<0.002
207353	753729	<2	-0.001	<0.002
207354 Dup	753729	<2	-0.001	<0.002
207355	753730	<2	-0.001	<0.002
207356	753731	<2	-0.001	<0.002
207357	753732	<2	-0.001	<0.002
207358	753733	<2	-0.001	<0.002
207359	753734	<2	-0.001	<0.002
207360	753735	5	-0.001	0.005
207361	753736	<2	-0.001	<0.002
207362	753737	<2	-0.001	<0.002
207363	753738	<2	-0.001	<0.002
207364	753739	<2	-0.001	<0.002
207365 Dup	753739	<2	-0.001	<0.002
207366	753740	<2	-0.001	<0.002
207367	753741	<2	-0.001	<0.002
207368	753742	<2	-0.001	<0.002
207369	753743	<2	-0.001	<0.002
207370	753744	<2	-0.001	<0.002
207371	753745	<2	-0.001	<0.002
207372	753746	<2	-0.001	<0.002
207373	753747	<2	-0.001	<0.002
207374	753748	<2	-0.001	<0.002
207375	753749	<2	-0.001	<0.002
207376 Rep	753749	<2	-0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au gf (ppm)
207377	753750	<2	<0.001	<0.002
207378	753751	<2	<0.001	<0.002
207379	753752	<2	<0.001	<0.002
207380	753753	<2	<0.001	<0.002
207381	753754	<2	<0.001	<0.002
207382	753755	<2	<0.001	<0.002
207383	753756	<2	<0.001	<0.002
207384	753757	<2	<0.001	<0.002
207385	753758	<2	<0.001	<0.002
207386	753759	<2	<0.001	<0.002
207387 Dup	753759	<2	<0.001	<0.002
207388	753760	<2	<0.001	<0.002
207389	753761	<2	<0.001	<0.002
207390	753762	<2	<0.001	<0.002
207391	753763	<2	<0.001	<0.002
207392	753764	<2	<0.001	<0.002
207393	753765	<2	<0.001	<0.002
207394	753766	<2	<0.001	<0.002
207395	753767	<2	<0.001	<0.002
207396	753768	<2	<0.001	<0.002
207397	753769	<2	<0.001	<0.002
207398 Dup	753769	<2	<0.001	<0.002
207399	753770	<2	<0.001	<0.002
207400	753771	<2	<0.001	<0.002
207401	753772	<2	<0.001	<0.002
207402	753773	<2	<0.001	<0.002
207403	753774	<2	<0.001	<0.002
207404	753775	12	<0.001	0.012
207405	753776	2	<0.001	0.002
207406	753777	<2	<0.001	<0.002

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
207407	753778	<2	<0.001	<0.002
207408	753779	<2	<0.001	<0.002
207409 Dup	753779	<2	<0.001	<0.002
207410	753780	<2	<0.001	<0.002
207411	753781	<2	<0.001	<0.002
207412	753782	<2	<0.001	<0.002
207413	753783	2	<0.001	0.002
207414	753784	<2	<0.001	<0.002
207415	753785	<2	<0.001	<0.002
207416	753786	<2	<0.001	<0.002
207417	753787	<2	<0.001	<0.002
207418	753788	<2	<0.001	<0.002
207419	753789	<2	<0.001	<0.002
207420 Dup	753789	<2	<0.001	<0.002
207421	753790	2	<0.001	0.002
207422	753791	2	<0.001	0.002
207423	753792	3	<0.001	0.003
207424	753793	<2	<0.001	<0.002
207425	753794	<2	<0.001	<0.002
207426	753795	<2	<0.001	<0.002
207427	753796	<2	<0.001	<0.002
207428	753797	<2	<0.001	<0.002
207429	753798	<2	<0.001	<0.002
207430	753799	<2	<0.001	<0.002
207431 Dup	753799	<2	<0.001	<0.002
207432	753800	<2	<0.001	<0.002
207433	753801	<2	<0.001	<0.002
207434	753802	<2	<0.001	<0.002
207435	753803	<2	<0.001	<0.002
207436	753804	<2	<0.001	<0.002

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM GoldI
Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au gt (ppm)
207437	753805	<2	<0.001	<0.002
207438	753806	<2	<0.001	<0.002
207439	753807	<2	<0.001	<0.002
207440	753808	<2	<0.001	<0.002
207441	753809	<2	<0.001	<0.002
207442 Rep	753809	<2	<0.001	<0.002
207443	753810	<2	<0.001	<0.002
207444	753811	<2	<0.001	<0.002
207445	753812	<2	<0.001	<0.002
207446	753813	<2	<0.001	<0.002
207447	753814	<2	<0.001	<0.002
207448	753815	<2	<0.001	<0.002
207449	753816	<2	<0.001	<0.002
207450	753817	<2	<0.001	<0.002
207451	753818	<2	<0.001	<0.002
207452	753819	<2	<0.001	<0.002
207453 Dup	753819	<2	<0.001	<0.002
207454	753820	<2	<0.001	<0.002
207455	753821	<2	<0.001	<0.002
207456	753822	<2	<0.001	<0.002
207457	753823	<2	<0.001	<0.002
207458	753824	<2	<0.001	<0.002
207459	753825	<2	<0.001	<0.002
207460	753826	<2	<0.001	<0.002
207461	753827	<2	<0.001	<0.002
207462	753828	<2	<0.001	<0.002
207463	753829	<2	<0.001	<0.002
207464 Dup	753829	<2	<0.001	<0.002
207465	753830	<2	<0.001	<0.002
207466	753831	<2	<0.001	<0.002

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 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au g/t (ppm)
207467	753832	7	<-0.001	0.007
207468	753833	20	<-0.001	0.020
207469	753834	<-2	<-0.001	<-0.002
207470	753835	<-2	<-0.001	<-0.002
207471	753836	<-2	<-0.001	<-0.002
207472	753837	<-2	<-0.001	<-0.002
207473	753838	<-2	<-0.001	<-0.002
207474	753839	<-2	<-0.001	<-0.002
207475 Dup	753839	<-2	<-0.001	<-0.002
207476	753840	35	0.001	0.035
207477	753841	<-2	<-0.001	<-0.002
207478	753842	<-2	<-0.001	<-0.002
207479	753843	<-2	<-0.001	<-0.002
207480	753844	<-2	<-0.001	<-0.002
207481	753845	<-2	<-0.001	<-0.002
207482	753846	<-2	<-0.001	<-0.002
207483	753847	<-2	<-0.001	<-0.002
207484	753848	<-2	<-0.001	<-0.002
207485	753849	<-2	<-0.001	<-0.002
207486 Dup	753849	<-2	<-0.001	<-0.002
207487	753850	<-2	<-0.001	<-0.002
207488	753851	<-2	<-0.001	<-0.002
207489	753852	<-2	<-0.001	<-0.002
207490	753853	28	<-0.001	0.028
207491	753854	<-2	<-0.001	<-0.002
207492	753855	<-2	<-0.001	<-0.002
207493	753856	<-2	<-0.001	<-0.002
207494	753857	<-2	<-0.001	<-0.002
207495	753858	<-2	<-0.001	<-0.002
207496	753859	<-2	<-0.001	<-0.002

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au gt (ppm)
207497 Dup	753859	-2	-0.001	<-0.002
207498	753860	-2	-0.001	<-0.002
207499	753861	-2	-0.001	<-0.002
207500	753862	-2	-0.001	<-0.002
207501	753863	-2	-0.001	<-0.002
207502	753864	-2	-0.001	<-0.002
207503	753865	-2	-0.001	<-0.002
207504	753866	-2	-0.001	<-0.002
207505	753867	-2	-0.001	<-0.002
207506	753868	-2	-0.001	<-0.002
207507	753869	-2	-0.001	<-0.002
207508 Rep	753869	-2	-0.001	<-0.002
207509	753870	-2	-0.001	<-0.002
207510	753871	-2	-0.001	<-0.002
207511	753872	-2	-0.001	<-0.002
207512	753873	-2	-0.001	<-0.002
207513	753874	-2	-0.001	<-0.002
207514	753875	-2	-0.001	<-0.002
207515	753876	2	-0.001	0.002
207516	753877	-2	-0.001	<-0.002
207517	753878	-2	-0.001	<-0.002
207518	753879	-2	-0.001	<-0.002
207519 Dup	753879	-2	-0.001	<-0.002
207520	753880	3	-0.001	0.003
207521	753881	-2	-0.001	<-0.002
207522	753882	-2	-0.001	<-0.002
207523	753883	-2	-0.001	<-0.002
207524	753884	-2	-0.001	<-0.002
207525	753885	-2	-0.001	<-0.002
207526	753886	-2	-0.001	<-0.002

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au gt (ppm)
207527	753887	<2	<0.001	<0.002
207528	753888	<2	<0.001	<0.002
207529	753889	2	<0.001	0.002
207530 Dup	753889	3	<0.001	0.003
207531	753890	<2	<0.001	<0.002
207532	753891	<2	<0.001	<0.002
207533	753892	<2	<0.001	<0.002
207534	753893	<2	<0.001	<0.002
207535	753894	<2	<0.001	<0.002
207536	753895	<2	<0.001	<0.002
207537	753896	<2	<0.001	<0.002
207538	753897	<2	<0.001	<0.002
207539	753898	<2	<0.001	<0.002
207540	753899	<2	<0.001	<0.002
207541 Dup	753899	2	<0.001	0.002
207542	753900	6	<0.001	0.006
207543	753901	<2	<0.001	<0.002
207544	753902	<2	<0.001	<0.002
207545	753903	<2	<0.001	<0.002
207546	753904	<2	<0.001	<0.002
207547	753905	<2	<0.001	<0.002
207548	753906	3	<0.001	0.003
207549	753907	12	<0.001	0.012
207550	753908	<2	<0.001	<0.002
207551	753909	<2	<0.001	<0.002
207552 Dup	753909	<2	<0.001	<0.002
207553	753910	<2	<0.001	<0.002
207554	753911	2	<0.001	0.002
207555	753912	<2	<0.001	<0.002
207556	753913	<2	<0.001	<0.002

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au g/t (ppm)
207557	753914	<-2	-0.001	<-0.002
207558	753915	<-2	-0.001	<-0.002
207559	753916	<-2	-0.001	<-0.002
207560	753917	<-2	-0.001	<-0.002
207561	753918	<-2	-0.001	<-0.002
207562	753919	<-2	-0.001	<-0.002
207563 Dup	753919	<-2	-0.001	<-0.002
207564	753920	<-2	-0.001	<-0.002
207565	753921	2	-0.001	0.002
207566	753922	<-2	-0.001	<-0.002
207567	753923	<-2	-0.001	<-0.002
207568	753924	<-2	-0.001	<-0.002
207569	753925	<-2	-0.001	<-0.002
207570	753926	<-2	-0.001	<-0.002
207571	753927	5	-0.001	0.005
207572	753928	<-2	-0.001	<-0.002
207573	753929	<-2	-0.001	<-0.002
207574 Rep	753929	2	-0.001	0.002
207575	753930	<-2	-0.001	<-0.002
207576	753931	<-2	-0.001	<-0.002
207577	753932	<-2	-0.001	<-0.002
207578	753933	<-2	-0.001	<-0.002
207579	753934	<-2	-0.001	<-0.002
207580	753935	<-2	-0.001	<-0.002
207581	753936	<-2	-0.001	<-0.002
207582	753937	<-2	-0.001	<-0.002
207583	753938	5	-0.001	0.005
207584	753939	<-2	-0.001	<-0.002
207585 Dup	753939	<-2	-0.001	<-0.002
207586	753940	6	-0.001	0.006

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
207587	753941	<2	<0.001	<0.002
207588	753942	<2	<0.001	<0.002
207589	753943	<2	<0.001	<0.002
207590	753944	<2	<0.001	<0.002
207591	753945	<2	<0.001	<0.002
207592	753946	<2	<0.001	<0.002
207593	753947	<2	<0.001	<0.002
207594	753948	8	<0.001	0.008
207595	753949	<2	<0.001	<0.002
207596 Dup	753949	<2	<0.001	<0.002
207597	753950	<2	<0.001	<0.002
207598	753951	<2	<0.001	<0.002
207599	753952	<2	<0.001	<0.002
207600	753953	<2	<0.001	<0.002
207601	753954	<2	<0.001	<0.002
207602	753955	<2	<0.001	<0.002
207603	753956	<2	<0.001	<0.002
207604	753957	<2	<0.001	<0.002
207605	753958	<2	<0.001	<0.002
207606	753959	<2	<0.001	<0.002
207607 Dup	753959	<2	<0.001	<0.002
207608	753960	<2	<0.001	<0.002
207609	753961	<2	<0.001	<0.002
207610	753962	<2	<0.001	<0.002
207611	753963	<2	<0.001	<0.002
207612	753964	<2	<0.001	<0.002
207613	753965	<2	<0.001	<0.002
207614	753966	<2	<0.001	<0.002
207615	753967	<2	<0.001	<0.002
207616	753968	<2	<0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
207617	753969	<-2	-0.001	<-0.002
207618 Dup	753969	<-2	-0.001	<-0.002
207619	753970	<-2	-0.001	<-0.002
207620	753971	<-2	-0.001	<-0.002
207621	753972	<-2	-0.001	<-0.002
207622	753973	<-2	-0.001	<-0.002
207623	753974	<-2	-0.001	<-0.002
207624	753975	<-2	-0.001	<-0.002
207625	753976	<-2	-0.001	<-0.002
207626	753977	<-2	-0.001	<-0.002
207627	753978	<-2	-0.001	<-0.002
207628	753979	<-2	-0.001	<-0.002
207629 Dup	753979	<-2	-0.001	<-0.002
207630	753980	<-2	-0.001	<-0.002
207631	753981	<-2	-0.001	<-0.002
207632	753982	<-2	-0.001	<-0.002
207633	753983	<-2	-0.001	<-0.002
207634	753984	<-2	-0.001	<-0.002
207635	753985	<-2	-0.001	<-0.002
207636	753986	<-2	-0.001	<-0.002
207637	753987	<-2	-0.001	<-0.002
207638	753988	<-2	-0.001	<-0.002
207639	753989	<-2	-0.001	<-0.002
207640 Rep	753989	<-2	-0.001	<-0.002
207641	753990	<-2	-0.001	<-0.002
207642	753991	<-2	-0.001	<-0.002
207643	753992	<-2	-0.001	<-0.002
207644	753993	<-2	-0.001	<-0.002
207645	753994	<-2	-0.001	<-0.002
207646	753995	<-2	-0.001	<-0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au gt (ppm)
207647	753996	<2	<0.001	<0.002
207648	753997	2	<0.001	0.002
207649	753998	<2	<0.001	<0.002
207650	753999	<2	<0.001	<0.002
207651 Dup	753999	<2	<0.001	<0.002
207652	754000	<2	<0.001	<0.002
207653	1431101	<2	<0.001	<0.002
207654	1431102	<2	<0.001	<0.002
207655	1431103	<2	<0.001	<0.002
207656	1431104	<2	<0.001	<0.002
207657	1431105	<2	<0.001	<0.002
207658	1431106	<2	<0.001	<0.002
207659	1431107	<2	<0.001	<0.002
207660	1431108	<2	<0.001	<0.002
207661	1431109	<2	<0.001	<0.002
207662 Dup	1431109	<2	<0.001	<0.002
207663	1431110	11	<0.001	0.011
207664	1431111	<2	<0.001	<0.002
207665	1431112	<2	<0.001	<0.002
207666	1431113	<2	<0.001	<0.002
207667	1431114	<2	<0.001	<0.002
207668	1431115	<2	<0.001	<0.002
207669	1431116	<2	<0.001	<0.002
207670	1431117	<2	<0.001	<0.002
207671	1431118	<2	<0.001	<0.002
207672	1431119	<2	<0.001	<0.002
207673 Dup	1431119	<2	<0.001	<0.002
207674	1431120	<2	<0.001	<0.002
207675	1431121	<2	<0.001	<0.002
207676	1431122	<2	<0.001	<0.002

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM GoldI
Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au g/t (ppm)
207677	1431123	<2	<0.001	<0.002
207678	1431124	<2	<0.001	<0.002
207679	1431125	<2	<0.001	<0.002
207680	1431126	<2	<0.001	<0.002
207681	1431127	<2	<0.001	<0.002
207682	1431128	<2	<0.001	<0.002
207683	1431129	<2	<0.001	<0.002
207684 Dup	1431129	<2	<0.001	<0.002
207685	1431130	<2	<0.001	<0.002
207686	1431131	<2	<0.001	<0.002
207687	1431132	<2	<0.001	<0.002
207688	1431133	<2	<0.001	<0.002
207689	1431134	<2	<0.001	<0.002
207690	1431135	<2	<0.001	<0.002
207691	1431136	<2	<0.001	<0.002
207692	1431137	<2	<0.001	<0.002
207693	1431138	<2	<0.001	<0.002
207694	1431139	<2	<0.001	<0.002
207695 Dup	1431139	<2	<0.001	<0.002
207696	1431140	<2	<0.001	<0.002
207697	1431141	<2	<0.001	<0.002
207698	1431142	<2	<0.001	<0.002
207699	1431143	<2	<0.001	<0.002
207700	1431144	<2	<0.001	<0.002
207701	1431145	9	<0.001	0.009
207702	1431146	<2	<0.001	<0.002
207703	1431147	<2	<0.001	<0.002
207704	1431148	<2	<0.001	<0.002
207705	1431149	<2	<0.001	<0.002
207706 Rep	1431149	<2	<0.001	<0.002

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM GoldI
Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
207707	1431150	<2	<0.001	<0.002
207708	1431151	<2	<0.001	<0.002
207709	1431152	<2	<0.001	<0.002
207710	1431153	<2	<0.001	<0.002
207711	1431154	<2	<0.001	<0.002
207712	1431155	<2	<0.001	<0.002
207713	1431156	<2	<0.001	<0.002
207714	1431157	<2	<0.001	<0.002
207715	1431158	<2	<0.001	<0.002
207716	1431159	3	<0.001	0.003
207717 Dup	1431159	3	<0.001	0.003
207718	1431160	10	<0.001	0.010
207719	1431161	<2	<0.001	<0.002
207720	1431162	<2	<0.001	<0.002
207721	1431163	<2	<0.001	<0.002
207722	1431164	<2	<0.001	<0.002
207723	1431165	<2	<0.001	<0.002
207724	1431166	<2	<0.001	<0.002
207725	1431167	<2	<0.001	<0.002
207726	1431168	<2	<0.001	<0.002
207727	1431169	<2	<0.001	<0.002
207728 Dup	1431169	<2	<0.001	<0.002
207729	1431170	<2	<0.001	<0.002
207730	1431171	<2	<0.001	<0.002
207731	1431172	<2	<0.001	<0.002
207732	1431173	<2	<0.001	<0.002
207733	1431174	<2	<0.001	<0.002
207734	1431175	<2	<0.001	<0.002
207735	1431176	<2	<0.001	<0.002
207736	1431177	<2	<0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au gt (ppm)
207737	1431178	<2	<0.001	<0.002
207738	1431179	<2	<0.001	<0.002
207739 Dup	1431179	<2	<0.001	<0.002
207740	1431180	<2	<0.001	<0.002
207741	1431181	<2	<0.001	<0.002
207742	1431182	<2	<0.001	<0.002
207743	1431183	<2	<0.001	<0.002
207744	1431184	<2	<0.001	<0.002
207745	1431185	<2	<0.001	<0.002
207746	1431186	<2	<0.001	<0.002
207747	1431187	<2	<0.001	<0.002
207748	1431188	<2	<0.001	<0.002
207749	1431189	<2	<0.001	<0.002
207750 Dup	1431189	<2	<0.001	<0.002
207751	1431190	<2	<0.001	<0.002
207752	1431191	<2	<0.001	<0.002
207753	1431192	<2	<0.001	<0.002
207754	1431193	<2	<0.001	<0.002
207755	1431194	<2	<0.001	<0.002
207756	1431195	<2	<0.001	<0.002
207757	1431196	<2	<0.001	<0.002
207758	1431197	<2	<0.001	<0.002
207759	1431198	<2	<0.001	<0.002
207760	1431199	<2	<0.001	<0.002
207761 Dup	1431199	<2	<0.001	<0.002
207762	1431200	<2	<0.001	<0.002
207763	1431201	<2	<0.001	<0.002
207764	1431202	<2	<0.001	<0.002
207765	1431203	<2	<0.001	<0.002
207766	1431204	<2	<0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au g/t (ppm)
207767	1431205	<2	-0.001	<0.002
207768	1431206	<2	-0.001	<0.002
207769	1431207	<2	-0.001	<0.002
207770	1431208	<2	-0.001	<0.002
207771	1431209	<2	-0.001	<0.002
207772 Rep	1431209	<2	-0.001	<0.002
207773	1431210	<2	-0.001	<0.002
207774	1431211	<2	-0.001	<0.002
207775	1431212	<2	-0.001	<0.002
207776	1431213	<2	-0.001	<0.002
207777	1431214	<2	-0.001	<0.002
207778	1431215	<2	-0.001	<0.002
207779	1431216	<2	-0.001	<0.002
207780	1431217	<2	-0.001	<0.002
207781	1431218	<2	-0.001	<0.002
207782	1431219	2	-0.001	0.002
207783 Dup	1431219	<2	-0.001	<0.002
207784	1431220	<2	-0.001	<0.002
207785	1431221	<2	-0.001	<0.002
207786	1431222	<2	-0.001	<0.002
207787	1431223	<2	-0.001	<0.002
207788	1431224	<2	-0.001	<0.002
207789	1431225	<2	-0.001	<0.002
207790	1431226	<2	-0.001	<0.002
207791	1431227	<2	-0.001	<0.002
207792	1431228	<2	-0.001	<0.002
207793	1431229	3	-0.001	0.003
207794 Dup	1431229	3	-0.001	0.003
207795	1431230	<2	-0.001	<0.002
207796	1431231	<2	-0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold/
 Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
207797	1431232	<2	<0.001	<0.002
207798	1431233	<2	<0.001	<0.002
207799	1431234	<2	<0.001	<0.002
207800	1431235	<2	<0.001	<0.002
207801	1431236	<2	<0.001	<0.002
207802	1431237	<2	<0.001	<0.002
207803	1431238	<2	<0.001	<0.002
207804	1431239	<2	<0.001	<0.002
207805 Dup	1431239	<2	<0.001	<0.002
207806	1431240	<2	<0.001	<0.002
207807	1431241	<2	<0.001	<0.002
207808	1431242	<2	<0.001	<0.002
207809	1431243	<2	<0.001	<0.002
207810	1431244	2	<0.001	0.002
207811	1431245	<2	<0.001	<0.002
207812	1431246	<2	<0.001	<0.002
207813	1431247	<2	<0.001	<0.002
207814	1431248	<2	<0.001	<0.002
207815	1431249	<2	<0.001	<0.002
207816 Dup	1431249	<2	<0.001	<0.002
207817	1431250	<2	<0.001	<0.002
207818	1431251	<2	<0.001	<0.002
207819	1431252	<2	<0.001	<0.002
207820	1431253	<2	<0.001	<0.002
207821	1431254	3	<0.001	0.003
207822	1431255	<2	<0.001	<0.002
207823	1431256	<2	<0.001	<0.002
207824	1431257	<2	<0.001	<0.002
207825	1431258	16	<0.001	0.016
207826	1431259	<2	<0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au gt (ppm)
207827 Dup	1431259	<2	<0.001	<0.002
207828	1431260	<2	<0.001	<0.002
207829	1431261	<2	<0.001	<0.002
207830	1431262	<2	<0.001	<0.002
207831	1431263	<2	<0.001	<0.002
207832	1431264	<2	<0.001	<0.002
207833	1431265	<2	<0.001	<0.002
207834	1431266	<2	<0.001	<0.002
207835	1431267	<2	<0.001	<0.002
207836	1431268	<2	<0.001	<0.002
207837	1431269	<2	<0.001	<0.002
207838 Rep	1431269	12	<0.001	0.012
207839	1431270	<2	<0.001	<0.002
207840	1431271	<2	<0.001	<0.002
207841	1431272	<2	<0.001	<0.002
207842	1431273	<2	<0.001	<0.002
207843	1431274	<2	<0.001	<0.002
207844	1431275	<2	<0.001	<0.002
207845	1431276	<2	<0.001	<0.002
207846	1431277	<2	<0.001	<0.002
207847	1431278	<2	<0.001	<0.002
207848	1431279	<2	<0.001	<0.002
207849 Dup	1431279	<2	<0.001	<0.002
207850	1431280	<2	<0.001	<0.002
207851	1431281	<2	<0.001	<0.002
207852	1431282	<2	<0.001	<0.002
207853	1431283	<2	<0.001	<0.002
207854	1431284	<2	<0.001	<0.002
207855	1431285	<2	<0.001	<0.002
207856	1431286	<2	<0.001	<0.002

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au g/t (ppm)
207857	1431287	<2	-0.001	<0.002
207858	1431288	<2	-0.001	<0.002
207859	1431289	<2	-0.001	<0.002
207860 Dup	1431289	<2	-0.001	<0.002
207861	1431290	<2	-0.001	<0.002
207862	1431291	<2	-0.001	<0.002
207863	1431292	<2	-0.001	<0.002
207864	1431293	<2	-0.001	<0.002
207865	1431294	<2	-0.001	<0.002
207866	1431295	<2	-0.001	<0.002
207867	1431296	<2	-0.001	<0.002
207868	1431297	<2	-0.001	<0.002
207869	1431298	<2	-0.001	<0.002
207870	1431299	2	-0.001	0.002
207871 Dup	1431299	<2	-0.001	<0.002
207872	1431300	<2	-0.001	<0.002
207873	1431301	<2	-0.001	<0.002
207874	1431302	<2	-0.001	<0.002
207875	1431303	<2	-0.001	<0.002
207876	1431304	<2	-0.001	<0.002
207877	1431305	<2	-0.001	<0.002
207878	1431306	<2	-0.001	<0.002
207879	1431307	<2	-0.001	<0.002
207880	1431308	<2	-0.001	<0.002
207881	1431309	<2	-0.001	<0.002
207882 Dup	1431309	<2	-0.001	<0.002
207883	1431310	3	-0.001	0.003
207884	1431311	<2	-0.001	<0.002
207885	1431312	<2	-0.001	<0.002
207886	1431313	<2	-0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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 Email: assays@fladgateexploration.com

Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au g/t (ppm)
207887	1431314	<2	<0.001	<0.002
207888	1431315	<2	<0.001	<0.002
207889	1431316	2	<0.001	0.002
207890	1431317	<2	<0.001	<0.002
207891	1431318	<2	<0.001	<0.002
207892	1431319	<2	<0.001	<0.002
207893 Dup	1431319	<2	<0.001	<0.002
207894	1431320	<2	<0.001	<0.002
207895	1431321	<2	<0.001	<0.002
207896	1431322	<2	<0.001	<0.002
207897	1431323	<2	<0.001	<0.002
207898	1431324	<2	<0.001	<0.002
207899	1431325	<2	<0.001	<0.002
207900	1431326	<2	<0.001	<0.002
207901	1431327	<2	<0.001	<0.002
207902	1431328	<2	<0.001	<0.002
207903	1431329	<2	<0.001	<0.002
207904 Rep	1431329	<2	<0.001	<0.002
207905	1431330	<2	<0.001	<0.002
207906	1431331	<2	<0.001	<0.002
207907	1431332	<2	<0.001	<0.002
207908	1431333	18	<0.001	0.018
207909	1431334	<2	<0.001	<0.002
207910	1431335	<2	<0.001	<0.002
207911	1431336	<2	<0.001	<0.002
207912	1431337	<2	<0.001	<0.002
207913	1431338	<2	<0.001	<0.002
207914	1431339	8	<0.001	0.008
207915 Dup	1431339	7	<0.001	0.007
207916	1431340	2	<0.001	0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au g/t (ppm)
207917	1431341	<2	-0.001	<0.002
207918	1431342	<2	-0.001	<0.002
207919	1431343	<2	-0.001	<0.002
207920	1431344	<2	-0.001	<0.002
207921	1431345	<2	-0.001	<0.002
207922	1431346	2	-0.001	0.002
207923	1431347	<2	-0.001	<0.002
207924	1431348	<2	-0.001	<0.002
207925	1431349	<2	-0.001	<0.002
207926 Dup	1431349	<2	-0.001	<0.002
207927	1431350	<2	-0.001	<0.002
207928	1431351	<2	-0.001	<0.002
207929	1431352	<2	-0.001	<0.002
207930	1431353	<2	-0.001	<0.002
207931	1431354	6	-0.001	0.006
207932	1431355	<2	-0.001	<0.002
207933	1431356	<2	-0.001	<0.002
207934	1431357	<2	-0.001	<0.002
207935	1431358	<2	-0.001	<0.002
207936	1431359	<2	-0.001	<0.002
207937 Dup	1431359	<2	-0.001	<0.002
207938	1431360	<2	-0.001	<0.002
207939	1431361	<2	-0.001	<0.002
207940	1431362	<2	-0.001	<0.002
207941	1431363	<2	-0.001	<0.002
207942	1431364	<2	-0.001	<0.002
207943	1431365	4	-0.001	0.004
207944	1431366	<2	-0.001	<0.002
207945	1431367	<2	-0.001	<0.002
207946	1431368	<2	-0.001	<0.002

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au gt (ppm)
207947	1431369	3	<0.001	0.003
207948 Dup	1431369	<2	<0.001	<0.002
207949	1431370	<2	<0.001	<0.002
207950	1431371	<2	<0.001	<0.002
207951	1431372	<2	<0.001	<0.002
207952	1431373	<2	<0.001	<0.002
207953	1431374	<2	<0.001	<0.002
207954	1431375	<2	<0.001	<0.002
207955	1431376	<2	<0.001	<0.002
207956	1431377	<2	<0.001	<0.002
207957	1431378	<2	<0.001	<0.002
207958	1431379	<2	<0.001	<0.002
207959 Dup	1431379	<2	<0.001	<0.002
207960	1431380	<2	<0.001	<0.002
207961	1431381	<2	<0.001	<0.002
207962	1431382	<2	<0.001	<0.002
207963	1431383	<2	<0.001	<0.002
207964	1431384	<2	<0.001	<0.002
207965	1431385	<2	<0.001	<0.002
207966	1431386	<2	<0.001	<0.002
207967	1431387	4	<0.001	0.004
207968	1431388	<2	<0.001	<0.002
207969	1431389	<2	<0.001	<0.002
207970 Rep	1431389	<2	<0.001	<0.002
207971	1431390	<2	<0.001	<0.002
207972	1431391	<2	<0.001	<0.002
207973	1431392	<2	<0.001	<0.002
207974	1431393	<2	<0.001	<0.002
207975	1431394	<2	<0.001	<0.002
207976	1431395	<2	<0.001	<0.002

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Date Received: 07/23/2012
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 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
207977	1431396	<2	-0.001	<0.002
207978	1431397	<2	-0.001	<0.002
207979	1431398	<2	-0.001	<0.002
207980	1431399	<2	-0.001	<0.002
207981 Dup	1431399	<2	-0.001	<0.002
207982	1431400	<2	-0.001	<0.002
207983	1431401	<2	-0.001	<0.002
207984	1431402	<2	-0.001	<0.002
207985	1431403	<2	-0.001	<0.002
207986	1431404	<2	-0.001	<0.002
207987	1431405	4	-0.001	0.004
207988	1431406	<2	-0.001	<0.002
207989	1431407	<2	-0.001	<0.002
207990	1431408	<2	-0.001	<0.002
207991	1431409	<2	-0.001	<0.002
207992 Dup	1431409	<2	-0.001	<0.002
207993	1431410	<2	-0.001	<0.002
207994	1431411	3	-0.001	0.003
207995	1431412	83	0.002	0.083
207996	1431413	<2	-0.001	<0.002
207997	1431414	<2	-0.001	<0.002
207998	1431415	<2	-0.001	<0.002
207999	1431416	<2	-0.001	<0.002
208000	1431417	<2	-0.001	<0.002
208001	1431418	<2	-0.001	<0.002
208002	1431419	4	-0.001	0.004
208003 Dup	1431419	<2	-0.001	<0.002
208004	1431420	<2	-0.001	<0.002
208005	1431421	<2	-0.001	<0.002
208006	1431422	<2	-0.001	<0.002

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Date Received: 07/23/2012
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Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
208007	1431423	<2	<0.001	<0.002
208008	1431424	<2	<0.001	<0.002
208009	1431425	<2	<0.001	<0.002
208010	1431426	<2	<0.001	<0.002
208011	1431427	<2	<0.001	<0.002
208012	1431428	<2	<0.001	<0.002
208013	1431429	<2	<0.001	<0.002
208014 Dup	1431429	<2	<0.001	<0.002
208015	1431430	<2	<0.001	<0.002
208016	1431431	<2	<0.001	<0.002
208017	1431432	<2	<0.001	<0.002
208018	1431433	<2	<0.001	<0.002
208019	1431434	<2	<0.001	<0.002
208020	1431435	<2	<0.001	<0.002
208021	1431436	<2	<0.001	<0.002
208022	1431437	<2	<0.001	<0.002
208023	1431438	<2	<0.001	<0.002
208024	1431439	<2	<0.001	<0.002
208025 Dup	1431439	<2	<0.001	<0.002
208026	1431440	<2	<0.001	<0.002
208027	1431441	<2	<0.001	<0.002
208028	1431442	<2	<0.001	<0.002
208029	1431443	<2	<0.001	<0.002
208030	1431444	<2	<0.001	<0.002
208031	1431445	<2	<0.001	<0.002
208032	1431446	<2	<0.001	<0.002
208033	1431447	<2	<0.001	<0.002
208034	1431448	<2	<0.001	<0.002
208035	1431449	3	<0.001	0.003
208036 Rep	1431449	<2	<0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au gt (ppm)
208037	1431450	<2	<0.001	<0.002
208038	1431451	<2	<0.001	<0.002
208039	1431452	<2	<0.001	<0.002
208040	1431453	<2	<0.001	<0.002
208041	1431454	<2	<0.001	<0.002
208042	1431455	<2	<0.001	<0.002
208043	1431456	<2	<0.001	<0.002
208044	1431457	<2	<0.001	<0.002
208045	1431458	<2	<0.001	<0.002
208046	1431459	2	<0.001	0.002
208047 Dup	1431459	<2	<0.001	<0.002
208048	1431460	<2	<0.001	<0.002
208049	1431461	<2	<0.001	<0.002
208050	1431462	<2	<0.001	<0.002
208051	1431463	<2	<0.001	<0.002
208052	1431464	3	<0.001	0.003
208053	1431465	<2	<0.001	<0.002
208054	1431466	2	<0.001	0.002
208055	1431467	10	<0.001	0.010
208056	1431468	<2	<0.001	<0.002
208057	1431469	<2	<0.001	<0.002
208058 Dup	1431469	<2	<0.001	<0.002
208059	1431470	<2	<0.001	<0.002
208060	1431471	<2	<0.001	<0.002
208061	1431472	<2	<0.001	<0.002
208062	1431473	<2	<0.001	<0.002
208063	1431474	<2	<0.001	<0.002
208064	1431475	<2	<0.001	<0.002
208065	1431476	<2	<0.001	<0.002
208066	1431477	<2	<0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
208067	1431478	2	<-0.001	0.002
208068	1431479	<2	<-0.001	<-0.002
208069 Dup	1431479	<2	<-0.001	<-0.002
208070	1431480	3	<-0.001	0.003
208071	1431481	<2	<-0.001	<-0.002
208072	1431482	<2	<-0.001	<-0.002
208073	1431483	<2	<-0.001	<-0.002
208074	1431484	<2	<-0.001	<-0.002
208075	1431485	<2	<-0.001	<-0.002
208076	1431486	<2	<-0.001	<-0.002
208077	1431487	<2	<-0.001	<-0.002
208078	1431488	<2	<-0.001	<-0.002
208079	1431489	<2	<-0.001	<-0.002
208080 Dup	1431489	<2	<-0.001	<-0.002
208081	1431490	<2	<-0.001	<-0.002
208082	1431491	<2	<-0.001	<-0.002
208083	1431492	<2	<-0.001	<-0.002
208084	1431493	3	<-0.001	0.003
208085	1431494	2	<-0.001	0.002
208086	1431495	<2	<-0.001	<-0.002
208087	1431496	<2	<-0.001	<-0.002
208088	1431497	<2	<-0.001	<-0.002
208089	1431498	<2	<-0.001	<-0.002
208090	1431499	<2	<-0.001	<-0.002
208091 Dup	1431499	<2	<-0.001	<-0.002
208092	1431500	<2	<-0.001	<-0.002
208093	1431501	<2	<-0.001	<-0.002
208094	1431502	<2	<-0.001	<-0.002
208095	1431503	<2	<-0.001	<-0.002
208096	1431504	<2	<-0.001	<-0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
208097	1431505	<2	<0.001	<0.002
208098	1431506	<2	<0.001	<0.002
208099	1431507	<2	<0.001	<0.002
208100	1431508	<2	<0.001	<0.002
208101	1431509	<2	<0.001	<0.002
208102 Rep	1431509	<2	<0.001	<0.002
208103	1431510	<2	<0.001	<0.002
208104	1431511	<2	<0.001	<0.002
208105	1431512	<2	<0.001	<0.002
208106	1431513	2	<0.001	0.002
208107	1431514	<2	<0.001	<0.002
208108	1431515	<2	<0.001	<0.002
208109	1431516	<2	<0.001	<0.002
208110	1431517	<2	<0.001	<0.002
208111	1431518	<2	<0.001	<0.002
208112	1431519	<2	<0.001	<0.002
208113 Dup	1431519	<2	<0.001	<0.002
208114	1431520	<2	<0.001	<0.002
208115	1431521	<2	<0.001	<0.002
208116	1431522	3	<0.001	0.003
208117	1431523	<2	<0.001	<0.002
208118	1431524	<2	<0.001	<0.002
208119	1431525	<2	<0.001	<0.002
208120	1431526	<2	<0.001	<0.002
208121	1431527	<2	<0.001	<0.002
208122	1431528	<2	<0.001	<0.002
208123	1431529	<2	<0.001	<0.002
208124 Dup	1431529	2	<0.001	0.002
208125	1431530	<2	<0.001	<0.002
208126	1431531	<2	<0.001	<0.002

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Date Received: 07/23/2012
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Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold/
Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
208127	1431532	<2	<0.001	<0.002
208128	1431533	<2	<0.001	<0.002
208129	1431534	<2	<0.001	<0.002
208130	1431535	<2	<0.001	<0.002
208131	1431536	4	<0.001	0.004
208132	1431537	3	<0.001	0.003
208133	1431538	<2	<0.001	<0.002
208134	1431539	<2	<0.001	<0.002
208135 Dup	1431539	<2	<0.001	<0.002
208136	1431540	2	<0.001	0.002
208137	1431541	<2	<0.001	<0.002
208138	1431542	<2	<0.001	<0.002
208139	1431543	3	<0.001	0.003
208140	1431544	2	<0.001	0.002
208141	1431545	5	<0.001	0.005
208142	1431546	<2	<0.001	<0.002
208143	1431547	2	<0.001	0.002
208144	1431548	2	<0.001	0.002
208145	1431549	<2	<0.001	<0.002
208146 Dup	1431549	8	<0.001	0.008
208147	1431550	<2	<0.001	<0.002
208148	1431551	<2	<0.001	<0.002
208149	1431552	<2	<0.001	<0.002
208150	1431553	<2	<0.001	<0.002
208151	1431554	<2	<0.001	<0.002
208152	1431555	<2	<0.001	<0.002
208153	1431556	<2	<0.001	<0.002
208154	1431557	<2	<0.001	<0.002
208155	1431558	<2	<0.001	<0.002
208156	1431559	<2	<0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold/
 Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
208157 Dup	1431559	<2	<0.001	<0.002
208158	1431560	<2	<0.001	<0.002
208159	1431561	<2	<0.001	<0.002
208160	1431562	<2	<0.001	<0.002
208161	1431563	<2	<0.001	<0.002
208162	1431564	11	<0.001	0.011
208163	1431565	<2	<0.001	<0.002
208164	1431566	<2	<0.001	<0.002
208165	1431567	<2	<0.001	<0.002
208166	1431568	<2	<0.001	<0.002
208167	1431569	<2	<0.001	<0.002
208168 Rep	1431569	<2	<0.001	<0.002
208169	1431570	<2	<0.001	<0.002
208170	1431571	<2	<0.001	<0.002
208171	1431572	<2	<0.001	<0.002
208172	1431573	<2	<0.001	<0.002
208173	1431574	2	<0.001	0.002
208174	1431575	<2	<0.001	<0.002
208175	1431576	<2	<0.001	<0.002
208176	1431577	<2	<0.001	<0.002
208177	1431578	<2	<0.001	<0.002
208178	1431579	<2	<0.001	<0.002
208179 Dup	1431579	<2	<0.001	<0.002
208180	1431580	3	<0.001	0.003
208181	1431581	<2	<0.001	<0.002
208182	1431582	<2	<0.001	<0.002
208183	1431583	<2	<0.001	<0.002
208184	1431584	<2	<0.001	<0.002
208185	1431585	<2	<0.001	<0.002
208186	1431586	<2	<0.001	<0.002

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au g/t (ppm)
208187	1431587	<2	-0.001	<0.002
208188	1431588	<2	-0.001	<0.002
208189	1431589	<2	-0.001	<0.002
208190 Dup	1431589	<2	-0.001	<0.002
208191	1431590	<2	-0.001	<0.002
208192	1431591	<2	-0.001	<0.002
208193	1431592	<2	-0.001	<0.002
208194	1431593	<2	-0.001	<0.002
208195	1431594	<2	-0.001	<0.002
208196	1431595	<2	-0.001	<0.002
208197	1431596	<2	-0.001	<0.002
208198	1431597	<2	-0.001	<0.002
208199	1431598	<2	-0.001	<0.002
208200	1431599	2	-0.001	0.002
208201 Dup	1431599	3	-0.001	0.003
208202	1431600	3	-0.001	0.003
208203	1431601	<2	-0.001	<0.002
208204	1431602	<2	-0.001	<0.002
208205	1431603	<2	-0.001	<0.002
208206	1431604	<2	-0.001	<0.002
208207	1431605	<2	-0.001	<0.002
208208	1431606	<2	-0.001	<0.002
208209	1431607	<2	-0.001	<0.002
208210	1431608	<2	-0.001	<0.002
208211	1431609	2	-0.001	0.002
208212 Dup	1431609	<2	-0.001	<0.002
208213	1431610	<2	-0.001	<0.002
208214	1431611	<2	-0.001	<0.002
208215	1431612	<2	-0.001	<0.002
208216	1431613	<2	-0.001	<0.002

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au g/t (ppm)
208217	1431614	<2	<0.001	<0.002
208218	1431615	<2	<0.001	<0.002
208219	1431616	<2	<0.001	<0.002
208220	1431617	<2	<0.001	<0.002
208221	1431618	<2	<0.001	<0.002
208222	1431619	<2	<0.001	<0.002
208223 Dup	1431619	<2	<0.001	<0.002
208224	1431620	<2	<0.001	<0.002
208225	1431621	<2	<0.001	<0.002
208226	1431622	<2	<0.001	<0.002
208227	1431623	<2	<0.001	<0.002
208228	1431624	<2	<0.001	<0.002
208229	1431625	<2	<0.001	<0.002
208230	1431626	<2	<0.001	<0.002
208231	1431627	<2	<0.001	<0.002
208232	1431628	<2	<0.001	<0.002
208233	1431629	3	<0.001	0.003
208234 Rep	1431629	<2	<0.001	<0.002
208235	1431630	<2	<0.001	<0.002
208236	1431631	<2	<0.001	<0.002
208237	1431632	<2	<0.001	<0.002
208238	1431633	<2	<0.001	<0.002
208239	1431634	4	<0.001	0.004
208240	1431635	<2	<0.001	<0.002
208241	1431636	<2	<0.001	<0.002
208242	1431637	<2	<0.001	<0.002
208243	1431638	<2	<0.001	<0.002
208244	1431639	<2	<0.001	<0.002
208245 Dup	1431639	<2	<0.001	<0.002
208246	1431640	<2	<0.001	<0.002

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 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au g/t (ppm)
208247	1431641	<-2	<-0.001	<-0.002
208248	1431642	<-2	<-0.001	<-0.002
208249	1431643	<-2	<-0.001	<-0.002
208250	1431644	<-2	<-0.001	<-0.002
208251	1431645	<-2	<-0.001	<-0.002
208252	1431646	<-2	<-0.001	<-0.002
208253	1431647	<-2	<-0.001	<-0.002
208254	1431648	<-2	<-0.001	<-0.002
208255	1431649	<-2	<-0.001	<-0.002
208256 Dup	1431649	<-2	<-0.001	<-0.002
208257	1431650	<-2	<-0.001	<-0.002
208258	1431651	<-2	<-0.001	<-0.002
208259	1431652	<-2	<-0.001	<-0.002
208260	1431653	<-2	<-0.001	<-0.002
208261	1431654	<-2	<-0.001	<-0.002
208262	1431655	<-2	<-0.001	<-0.002
208263	1431656	<-2	<-0.001	<-0.002
208264	1431657	<-2	<-0.001	<-0.002
208265	1431658	<-2	<-0.001	<-0.002
208266	1431659	<-2	<-0.001	<-0.002
208267 Dup	1431659	<-2	<-0.001	<-0.002
208268	1431660	<-2	<-0.001	<-0.002
208269	1431661	<-2	<-0.001	<-0.002
208270	1431662	<-2	<-0.001	<-0.002
208271	1431663	<-2	<-0.001	<-0.002
208272	1431664	<-2	<-0.001	<-0.002
208273	1431665	<-2	<-0.001	<-0.002
208274	1431666	<-2	<-0.001	<-0.002
208275	1431667	<-2	<-0.001	<-0.002
208276	1431668	<-2	<-0.001	<-0.002

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 Reference: Tamaka Soils Tarbush FM Gold/
 Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
208277	1431669	<2	<0.001	<0.002
208278 Dup	1431669	<2	<0.001	<0.002
208279	1431670	<2	<0.001	<0.002
208280	1431671	<2	<0.001	<0.002
208281	1431672	<2	<0.001	<0.002
208282	1431673	<2	<0.001	<0.002
208283	1431674	<2	<0.001	<0.002
208284	1431675	<2	<0.001	<0.002
208285	1431676	<2	<0.001	<0.002
208286	1431677	<2	<0.001	<0.002
208287	1431678	<2	<0.001	<0.002
208288	1431679	<2	<0.001	<0.002
208289 Dup	1431679	<2	<0.001	<0.002
208290	1431680	<2	<0.001	<0.002
208291	1431681	<2	<0.001	<0.002
208292	1431682	<2	<0.001	<0.002
208293	1431683	<2	<0.001	<0.002
208294	1431684	<2	<0.001	<0.002
208295	1431685	<2	<0.001	<0.002
208296	1431686	<2	<0.001	<0.002
208297	1431687	<2	<0.001	<0.002
208298	1431688	<2	<0.001	<0.002
208299	1431689	<2	<0.001	<0.002
208300 Rep	1431689	<2	<0.001	<0.002
208301	1431690	<2	<0.001	<0.002
208302	1431691	<2	<0.001	<0.002
208303	1431692	<2	<0.001	<0.002
208304	1431693	<2	<0.001	<0.002
208305	1431694	<2	<0.001	<0.002
208306	1431695	<2	<0.001	<0.002

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au gt (ppm)
208307	1431696	<2	<0.001	<0.002
208308	1431697	<2	<0.001	<0.002
208309	1431698	<2	<0.001	<0.002
208310	1431699	<2	<0.001	<0.002
208311 Dup	1431699	<2	<0.001	<0.002
208312	1431700	<2	<0.001	<0.002
208313	1431701	<2	<0.001	<0.002
208314	1431702	<2	<0.001	<0.002
208315	1431703	<2	<0.001	<0.002
208316	1431704	<2	<0.001	<0.002
208317	1431705	<2	<0.001	<0.002
208318	1431706	<2	<0.001	<0.002
208319	1431707	<2	<0.001	<0.002
208320	1431708	<2	<0.001	<0.002
208321	1431709	<2	<0.001	<0.002
208322 Dup	1431709	<2	<0.001	<0.002
208323	1431710	<2	<0.001	<0.002
208324	1431711	<2	<0.001	<0.002
208325	1431712	<2	<0.001	<0.002
208326	1431713	<2	<0.001	<0.002
208327	1431714	<2	<0.001	<0.002
208328	1431715	<2	<0.001	<0.002
208329	1431716	<2	<0.001	<0.002
208330	1431717	<2	<0.001	<0.002
208331	1431718	<2	<0.001	<0.002
208332	1431719	<2	<0.001	<0.002
208333 Dup	1431719	<2	<0.001	<0.002
208334	1431720	<2	<0.001	<0.002
208335	1431721	<2	<0.001	<0.002
208336	1431722	<2	<0.001	<0.002

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM GoldI
Sample #: 1288

Acc #	Client ID	Au ppb	Au ozt	Au g/t (ppm)
208337	1431723	<2	<0.001	<0.002
208338	1431724	<2	<0.001	<0.002
208339	1431725	<2	<0.001	<0.002
208340	1431726	<2	<0.001	<0.002
208341	1431727	2	<0.001	0.002
208342	1431728	<2	<0.001	<0.002
208343	1431729	<2	<0.001	<0.002
208344 Dup	1431729	<2	<0.001	<0.002
208345	1431730	<2	<0.001	<0.002
208346	1431731	<2	<0.001	<0.002
208347	1431732	<2	<0.001	<0.002
208348	1431733	<2	<0.001	<0.002
208349	1431734	<2	<0.001	<0.002
208350	1431735	<2	<0.001	<0.002
208351	1431736	<2	<0.001	<0.002
208352	1431737	<2	<0.001	<0.002
208353	1431738	<2	<0.001	<0.002
208354	1431739	<2	<0.001	<0.002
208355 Dup	1431739	<2	<0.001	<0.002
208356	1431740	<2	<0.001	<0.002
208357	1431741	<2	<0.001	<0.002
208358	1431742	<2	<0.001	<0.002
208359	1431743	<2	<0.001	<0.002
208360	1431744	<2	<0.001	<0.002
208361	1431745	<2	<0.001	<0.002
208362	1431746	<2	<0.001	<0.002
208363	1431747	<2	<0.001	<0.002
208364	1431748	<2	<0.001	<0.002
208365	1431749	<2	<0.001	<0.002
208366 Rep	1431749	2	<0.001	0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au gt (ppm)
208367	1431750	<2	<0.001	<0.002
208368	1431751	<2	<0.001	<0.002
208369	1431752	<2	<0.001	<0.002
208370	1431753	<2	<0.001	<0.002
208371	1431754	<2	<0.001	<0.002
208372	1431755	<2	<0.001	<0.002
208373	1431756	<2	<0.001	<0.002
208374	1431757	12	<0.001	0.012
208375	1431758	<2	<0.001	<0.002
208376	1431759	<2	<0.001	<0.002
208377 Dup	1431759	<2	<0.001	<0.002
208378	1431760	<2	<0.001	<0.002
208379	1431761	<2	<0.001	<0.002
208380	1431762	<2	<0.001	<0.002
208381	1431763	<2	<0.001	<0.002
208382	1431764	<2	<0.001	<0.002
208383	1431765	<2	<0.001	<0.002
208384	1431766	<2	<0.001	<0.002
208385	1431767	21	<0.001	0.021
208386	1431768	<2	<0.001	<0.002
208387	1431769	<2	<0.001	<0.002
208388 Dup	1431769	<2	<0.001	<0.002
208389	1431770	<2	<0.001	<0.002
208390	1431771	<2	<0.001	<0.002
208391	1431772	4	<0.001	0.004
208392	1431773	<2	<0.001	<0.002
208393	1431774	<2	<0.001	<0.002
208394	1431775	<2	<0.001	<0.002
208395	1431776	<2	<0.001	<0.002
208396	1431777	<2	<0.001	<0.002

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Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM GoldI
Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
208397	1431778	<2	<0.001	<0.002
208398	1431779	<2	<0.001	<0.002
208399 Dup	1431779	<2	<0.001	<0.002
208400	1431780	<2	<0.001	<0.002
208401	1431781	<2	<0.001	<0.002
208402	1431782	<2	<0.001	<0.002
208403	1431783	<2	<0.001	<0.002
208404	1431784	<2	<0.001	<0.002
208405	1431785	<2	<0.001	<0.002
208406	1431786	<2	<0.001	<0.002
208407	1431787	<2	<0.001	<0.002
208408	1431788	<2	<0.001	<0.002
208409	1431789	<2	<0.001	<0.002
208410 Dup	1431789	<2	<0.001	<0.002
208411	1431790	<2	<0.001	<0.002
208412	1431791	<2	<0.001	<0.002
208413	1431792	<2	<0.001	<0.002
208414	1431793	<2	<0.001	<0.002
208415	1431794	<2	<0.001	<0.002
208416	1431795	<2	<0.001	<0.002
208417	1431796	<2	<0.001	<0.002
208418	1431797	<2	<0.001	<0.002
208419	1431798	<2	<0.001	<0.002
208420	1431799	<2	<0.001	<0.002
208421 Dup	1431799	<2	<0.001	<0.002
208422	1431800	<2	<0.001	<0.002
208423	1431801	<2	<0.001	<0.002
208424	1431802	<2	<0.001	<0.002
208425	1431803	<2	<0.001	<0.002
208426	1431804	<2	<0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

Certified By: 
Dr. David Brown, VP Quality

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Wednesday, October 17, 2012

Final Certificate

Fladgate Exploration
195 Park Avenue
Thunder Bay, ON, CAN
P7B1B9
Email: assays@fladgateexploration.com

Date Received: 07/23/2012
Date Completed: 08/30/2012
Job #: 201242770
Reference: Tamaka Soils Tarbush FM Gold
Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
208427	1431805	<2	-0.001	<0.002
208428	1431806	<2	-0.001	<0.002
208429	1431807	<2	-0.001	<0.002
208430	1431808	<2	-0.001	<0.002
208431	1431809	<2	-0.001	<0.002
208432 Rep	1431809	<2	-0.001	<0.002
208433	1431810	<2	-0.001	<0.002
208434	1431811	<2	-0.001	<0.002
208435	1431812	<2	-0.001	<0.002
208436	1431813	<2	-0.001	<0.002
208437	1431814	<2	-0.001	<0.002
208438	1431815	3	-0.001	0.003
208439	1431816	2	-0.001	0.002
208440	1431817	<2	-0.001	<0.002
208441	1431818	<2	-0.001	<0.002
208442	1431819	<2	-0.001	<0.002
208443 Dup	1431819	<2	-0.001	<0.002
208444	1431820	<2	-0.001	<0.002
208445	1431821	<2	-0.001	<0.002
208446	1431822	15	-0.001	0.015
208447	1431823	2	-0.001	0.002
208448	1431824	<2	-0.001	<0.002
208449	1431825	<2	-0.001	<0.002
208450	1431826	<2	-0.001	<0.002
208451	1431827	<2	-0.001	<0.002
208452	1431828	<2	-0.001	<0.002
208453	1431829	<2	-0.001	<0.002
208454 Dup	1431829	<2	-0.001	<0.002
208455	1431830	2	-0.001	0.002
208456	1431831	<2	-0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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Date Received: 07/23/2012
 Date Completed: 08/30/2012
 Job #: 201242770
 Reference: Tamaka Soils Tarbush FM Gold
 Sample #: 1288

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
208457	1431832	<2	<0.001	<0.002
208458	1431833	<2	<0.001	<0.002
208459	1431834	<2	<0.001	<0.002
208460	1431835	<2	<0.001	<0.002
208461	1431836	<2	<0.001	<0.002
208462	1431837	<2	<0.001	<0.002

PROCEDURE CODES: ALS1, ALFA4

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Appendix II Soil Sampling Field Notes

Sample Number	Target	Field-Notes	Description
1431798	Tarbush		Silty clay - light grey, soft, liquid less than 50, brush, fern, spruce, pine, birch
1431799	Tarbush		Silty clay - light grey, soft, liquid less than 50, brush, fern, spruce, pine, birch
1431800	Tarbush		Silty clay - light grey, soft, liquid less than 50, brush, fern, spruce, pine, birch
1431801	Tarbush		Silty clay - light grey, soft, liquid less than 50, spruce, pine, birch
1431802	Tarbush		Clay - light gray, hard, liquid less than 50, few boulders, down hill slightly, spruce, pine, birch
1431803	Tarbush		Clay - greyish blue, moderate to soft, liquid approximately 50, mossy, slighty swampy, birch, few pine
1431804	Tarbush		Silty clay - light grey, soft, liquid less than 50, pine, birch
1431805	Tarbush		Silty clay - light grey, soft, liquid less than 50, few organics, pine, birch
1431806	Tarbush		Clay - light brown, hard, liquid less than 50, slightly wet ground, lots of brush, birch, pine, mossy
1431807	Tarbush		Clay - dark brown, hard, liquid approximately 50, slightly wet ground, lots of brush, birch, pine, mossy
1431817	Tarbush		Brown, soft, few pebbles, top soil, spruce, mossy, poplar, several organics, directly above bedrock
1431816	Tarbush	On outcrop	Brown, soft, few pebbles, top soil, spruce, mossy, poplar
1431815	Tarbush	Next to volcanic outcrop - moved from bee nest	Sand - yellowish orange, No >200, spruce, mossy, pine
1431814	Tarbush	On outcrop	Dark brown, soft, few pebbles, up hill, top soil, spruce, mossy, poplar
1431813	Tarbush	On outcrop	Sandy clay - light gray, soft, liquid less than 50, No >200, few organics, mossy, poplar, cedar, spruce



Sample Number	Target	Field-Notes	Description
1431812	Tarbush	On outcrop	Dark brown, soft, few pebbles, up hill, top soil, spruce, mossy, poplar, few cedar
1431811	Tarbush	On outcrop	Silt - gray, liquid less than 50, soft, pine, mossy, spruce, poplar, up hill slightly
1431810	Tarbush		Sandy clay - light gray to brown, moderate to soft, liquid less than 50, pine, mossy, spruce, poplar, up hill slightly
1431809	Tarbush	Next to beaver pond	Silty clay - light brown, liquid less than 50, hard, pine, poplar, spruce
1431808	Tarbush		Clay - light brown, hard, liquid less than 50, spruce, poplar, fern
1431818	Tarbush	On outcrop	Sandy clay - light gray, mossy, poplar, fern, birch, pine, directly above bedrock
1431819	Tarbush	On outcrop	Clayey sand - brown, No 40-200, organics, spruce, moss, birch, directly above bedrock
1431820	Tarbush	Moved to side of outcrop	Clayey sand - light brown, No >200, few organics, spruce, birch, moss
1431821	Tarbush	On outcrop	Brown, soft, lots of organics, top soil, spruce, mossy, birch, directly above bedrock
1431822	Tarbush	On outcrop	Brown, soft, lots of organics, top soil, spruce, mossy, birch, directly above bedrock
1431823	Tarbush	On outcrop	Brown, soft, lots of organics, top soil, spruce, mossy, birch, directly above bedrock
1431824	Tarbush	Moved	Sand - yellowish orange, No >200, spruce, mossy, birch
1431825	Tarbush	On outcrop	Brown orange, topsoil, soft, lots of organics, some micaceous rock pieces, spruce, cedar, pine, directly above bedrock
1431826	Tarbush	Next to steep volcanic outcrop wall	Sand - yellowish orange, No >200, organics, cedar, birch, mossy, spruce
1431827	Tarbush	Moved from swampy lowland	Clayey sand - light gray, No 40-200, few pebbles, organics, cedar, spruce, birch
1431837	Tarbush		Clay - brown, hard, liquid less than 50, spruce, birch, mossy, pine, fern
1431836	Tarbush		Clay - brown, hard, liquid less than 50, spruce, birch, mossy, pine, fern



Sample Number	Target	Field-Notes	Description
1431835	Tarbush		Clay - brown, hard, liquid less than 50, spruce, birch, mossy, pine, fern
1431834	Tarbush		Clay - brown, hard, liquid less than 50, spruce, birch, mossy, pine
1431833	Tarbush		Clay - brown, hard, liquid less than 50, spruce, birch, mossy, pine
1431832	Tarbush	Moved due to outcrop	Silty clay - light brown, moderate to soft, liquid approximately 40, mossy, spruce, pine, birch
1431831	Tarbush		Sand - light gray, No 40-200, moist, mossy, spruce, pine, birch
1431830	Tarbush		Clay - light brown to gray, moderate hard, birch, liquid approximately 40, mossy, spruce, pine, birch
1431829	Tarbush	On outcrop	Silty clay - light gray, hard, liquid less than 50, mossy, spruce, pine
1431828	Tarbush	On outcrop	Brown, soft, lots of organics, top soil, cedar, spruce, mossy, birch, directly above bedrock
753450	"Test" Line		Silts and Clays, dark grey, liquid limit less than 50, medium soft to soft
753451	"Test" Line	Next to waste pile	Sand, light brown to yellowish orange, coarse grained, No. 4- No. 10
753452	"Test" Line		Sand, light brown, well sorted, some organic material, <No. 200
753453	"Test" Line		Sand, yellowish orange, moderate to well sorted, No. 40- No. 200
753454	"Test" Line	Next to road	Sand, light brown, poorly sorted, No. 4- No. 10
753455	"Test" Line		Sand - moving towards silts and clays, light brown, No. 40-No. 200
753456	"Test" Line		Silts and Clays, yellowish orange, liquid limit less than 50, soft
753457	"Test" Line		Silts and Clays, light brown/red, liquid limit greater than 50, soft, minor organic material
753458	"Test" Line		Silts and Clays - greenish grey to olive grey, very soft, liquid limit greater than 50
753459	"Test" Line		Silts and Clays, light brown, liquid limit greater than 50, very soft, minor organic material
753460	"Test" Line		Silt and Clays to Sand, light brown to yellowish orange, moderate to poorly sorted, No. 10 - No. 40
753461	"Test" Line		Silts and Clays - mud, light brown, liquid limit greater than 50, very soft



Sample Number	Target	Field-Notes	Description
753462	"Test" Line	Top of ridge/outcrop - moved sample	Silts and Clays, yellowish orange, liquid limit less than 50, soft, some organic material
753463	"Test" Line		Silts and Clays, yellowish orange, liquid limit greater than 50, soft
753464	"Test" Line		Silts and Clays, yellowish orange, liquid limit greater than 50, soft
753465	Central Grid-FM - Line 1		Sand - Yellowish orange, clean, No 10-40, partly wooded, pine and mossy ground
753466	Central Grid-FM - Line 1		Sand - Yellowish orange, clean, No 10-40, partly wooded, pine and mossy ground
753467	Central Grid-FM - Line 1	On side of road, no top layer	Sand - Yellowish orange, No 40-200, partly wooded, birch, poplar, pine
753468	Central Grid-FM - Line 1		Sand - Yellowish orange, clean, No 10-40, partly wooded, pine and mossy ground, birch, poplar
753469	Central Grid-FM - Line 1		Sand - Yellowish orange, clean, No 40-200, thick brush, birch
753470	Central Grid-FM - Line 1	Outcrop nearby	Muddy sand - very soft but gritty, yellowish orange, birch, pine, fern
753471	Central Grid-FM - Line 1		Sand - Light brown, clean, No 40-200, pine, fern
753472	Central Grid-FM - Line 1		Sand - Yellowish orange, No 10-40, medium dense forest, pine, fern
753473	Central Grid-FM - Line 1		Muddy sand - very soft but gritty, light brown to yellowish orange, No 10-40, pine, birch
753474	Central Grid-FM - Line 1		Sand - Yellowish orange to reddish brown, No 10-40 with some No 4-10, clay mixtures, fern
753475	Central Grid-FM - Line 1		Sand - gravels with fines, yellowish orange, No 10-40, fern
753476	Central Grid-FM -		Sand - Light brown to yellowish orange, No 10-40, poplar



Sample Number	Target	Field-Notes	Description
	Line 1		
753477	Central Grid-FM - Line 1	On side of road	Sand - Yellowish orange to reddish brown, No 10-40, clean gravel, pine, birch, poplar
753478	Central Grid-FM - Line 1	On side of road	Sand - Light brown, No 10-40 with No 4-10, pine, bushy
753479	Central Grid-FM - Line 1		Sand - Light brown to reddish brown, gravels with fines, No 10-40, mossy area, open, pine
753480	Central Grid-FM - Line 1		Sand - Light brown to reddish brown, gravels with fines, No 10-40, mossy area, open, pine
753481	Central Grid-FM - Line 1		Sand - Light brown to reddish brown, gravels with fines, No 10-40, mossy area, open, pine
753482	Central Grid-FM - Line 1		Silty - Soft, yellowish orange, liquid less than 50, wooded, poplar, birch
753483	Central Grid-FM - Line 1		Sand - Yellowish orange to reddish orange, No 40-200, wooded area, poplar and fern
753484	Central Grid-FM - Line 1	Near swampy area	Silts and Clays - very soft, like mud, liquid greater than 50, wooded area, poplar, fern
753485	Central Grid-FM - Line 1	Near swampy area	Silts and Clays - yellowish orange, liquid approximately 50, wooded area, poplar, birch, ferns
753486	Central Grid-FM - Line 1	Near swampy area	Silts and Clays - yellowish orange, liquid less than 50, wooded area, birch, poplar, ferns
753487	Central Grid-FM - Line 1	Wet ground	Sand - very fine, borderline No 40-200 and >200, wooded area, poplar, birch
753488	Central Grid-FM - Line 1	Marsh almost	Silts and clays - light brown, very soft, liquid greater than 50, minor organics, wooded, poplar, grassy
753489	Central Grid-FM - Line 1	Marsh	Silts and clays - very soft, liquid greater than 50, organics, yellowish orange, mostly grassy, some brush
753490	Central Grid-FM - Line 1	Marshy	Silts and Clays - soft, light brown, liquid = 50, wooded, poplar, fern



Sample Number	Target	Field-Notes	Description
753491	Central Grid-FM - Line 1		Sand - Yellowish orange, No 40-200, wooded, pine
753492	Central Grid-FM - Line 1	On roadside	Sand - Yellowish orange, No 10-40, wooded
753493	Central Grid-FM - Line 1		Sand - Yellowish orange, No 40-200, open area, abundant ground vegetation, some pine
753494	Central Grid-FM - Line 1		Sand - Yellowish orange, No 40-200, open area, mossy, pine, fir, vegetation
753533	Central Grid-FM - Line 2		Sand - Light brown, No 10-40 with pebbles, tall fern, somewhat open, scattered pine trees, mossy
753532	Central Grid-FM - Line 2		Sand - Light brown, No 10-40 with pebbles, tall fern, somewhat open, scattered pine trees, mossy
753531	Central Grid-FM - Line 2		Sand - Light brown, No 10-40 with pebbles, tall fern, somewhat open, scattered pine trees, mossy
753530	Central Grid-FM - Line 2		Sand - Light brown, No 10-40 with pebbles, tall fern, somewhat open, scattered pine trees, mossy
753529	Central Grid-FM - Line 2		Sand - Light brown, No 10-40, tall fern, somewhat open, scattered pine trees, mossy
753528	Central Grid-FM - Line 2		Sand - Light brown, No 10-40, tall fern, somewhat open
753527	Central Grid-FM - Line 2	On roadside - no top layer	Sand - Light brown, No 10-40, tall fern, somewhat open
753526	Central Grid-FM - Line 2		Sand - Light brown, No 10-40, tall fern, somewhat open
753525	Central Grid-FM - Line 2		Sand - Light brown, No 10-40, little organics, tall fern, somewhat open
753524	Central Grid-FM - Line 2		Sand - yellowish orange to medium brown, No 10-40, dense, tall fern
753523	Central Grid-FM -		Sand grading into clay - wet, light brown, moderate soft, higher than 50 liquid content, No 04-200



Sample Number	Target	Field-Notes	Description
	Line 2		
753522	Central Grid-FM - Line 2		Sand - brownish red, No 10-40 with few pebbles, tall fern, headed downhill
753521	Central Grid-FM - Line 2		Sand - light brown, No 40-200, higher water?, soft, tall fern, headed downhill, drop
753520	Central Grid-FM - Line 2		Sand - brown, No 10-40 with lots of pebbles, dense brush, downhill, fern, pine
753519	Central Grid-FM - Line 2		Sand - yellowish orange, No 10-40, dense brush, downhill, fern, pine
753518	Central Grid-FM - Line 2		Sand - yellowish orange, No 10-40, organic material, plateau, pine
753517	Central Grid-FM - Line 2		Sand - yellowish orange, No 10-40, plateau, ferns, birch
753516	Central Grid-FM - Line 2		Sand - dark yellowish orange, No 10-40, little water, fern, birch, poplar
753515	Central Grid-FM - Line 2		Sand - dark yellowish orange, No 10-40, open wooded, brush, birch, pine
753514	Central Grid-FM - Line 2		Sand - dark yellowish orange, No 10-40, open wooded, brush
753513	Central Grid-FM - Line 2	On roadside	Sand - yellowish orange, No 10-40 with pebbles, open area, pine
753512	Central Grid-FM - Line 2	On roadside	Sand - yellowish orange, No 10-40, open area, pine
753511	Central Grid-FM - Line 2		Sand - yellowish orange, No 10-40, open area, pine
753510	Central Grid-FM - Line 2		Sand - yellowish orange, No 10-40, more brush, pine, birch, open area
753509	Central Grid-FM - Line 2		Sand - yellowish orange, No 10-40, mossy, open, poplar and pine



Sample Number	Target	Field-Notes	Description
753508	Central Grid-FM - Line 2		Sand - yellowish orange, No 10-40, mossy, spruce and pine
753507	Central Grid-FM - Line 2		Sand - yellowish orange, No 10-40, mossy, open, spruce and pine
753506	Central Grid-FM - Line 2		Sand - yellowish orange, No 10-40, mossy, open, spruce and pine
753505	Central Grid-FM - Line 2		Sand - yellowish orange, No 10-40, mossy, open, spruce and pine
753504	Central Grid-FM - Line 2		Sand - yellowish orange, No 10-40, mossy, open, spruce and pine
753503	Central Grid-FM - Line 2		Sand - yellowish orange, gravel with fines and larger pebbles, mossy, open, spruce and pine
753502	Central Grid-FM - Line 2		Sand - yellowish orange, minor organic material, mossy, open, spruce and pine
753501	Central Grid-FM - Line 2		Sand - yellowish orange, minor organic material, mossy, open
753500	Central Grid-FM - Line 2		Sand - light brown with fines, mossy, open area, pine, fir and spruce
753499	Central Grid-FM - Line 2		Sand - yellowish orange, No 40-200, organics, open area, mossy, some pine trees
753498	Central Grid-FM - Line 2		Sand - yellowish orange, No 40-200, organics, open area, mossy, some pine trees
753497	Central Grid-FM - Line 2		Sand - yellowish orange, No 40-200, organics, open area, mossy, some pine trees
753496	Central Grid-FM - Line 2		Sand - yellowish orange, No 40-200, open area, mossy, some pine trees
753495	Central Grid-FM - Line 2	Added Sample	Sand - yellowish orange, No 40-200, open area, mossy, some pine trees
753534	Central Grid-FM -		Muddy sand - light brown, equal consistency, high water content, wet marshy ground



Sample Number	Target	Field-Notes	Description
	Line 3		
753535	Central Grid-FM - Line 3		Muddy sand - No 40-200, high water content, birch, poplar, spruce, wet marshy ground
753536	Central Grid-FM - Line 3		Muddy sand - grey, No 10-40, high water content, birch, poplar, spruce, wet marshy ground
753537	Central Grid-FM - Line 3		Muddy sand - grey, No 10-40 with pebbles, high water content, birch, poplar, spruce, wet marshy ground
753538	Central Grid-FM - Line 3		Sand - yellowish orange, soft, very fine, No >200, up hill, somewhat marshy, tall ferns
753539	Central Grid-FM - Line 3		Sand - yellowish orange, No >200, tall ferns
753540	Central Grid-FM - Line 3		Sand - yellowish orange, equigranular, No 10-40, spruce, pine, fern
753541	Central Grid-FM - Line 3		Sand - wet, brownish orange, No 10-40, marshy, poplar, lots of leaves, few tall ferns
753542	Central Grid-FM - Line 3		Well-graded sands, gravelly sands, little or no finesampy, mossy, few spruce, fern
753543	Central Grid-FM - Line 3		Well-graded sands, gravelly sands, little or no finesamp
753544	Central Grid-FM - Line 3		Sand - Yellowish orange to brownish, No >200, fine, moist, mossy, marshy
753545	Central Grid-FM - Line 3		Silty - Sands, sand - silt mixturesall brushes
753546	Central Grid-FM - Line 3		Sand - light brown, No >200, fine, wet, somewhat marshy, spruce
753547	Central Grid-FM - Line 3		Well-graded sands, gravelly sands, little or no finesampy, spruce, birch
753548	Central Grid-FM - Line 3		Well-graded sands, gravelly sands, little or no finesampy



Sample Number	Target	Field-Notes	Description
753549	Central Grid-FM - Line 3		Well-graded sands, gravelly sands, little or no finesampy, very wet
753550	Central Grid-FM - Line 3		Sand - light brown, No >200, leaves, marshy
753551	Central Grid-FM - Line 3		Sand - yellowish orange, No 40-200, somewhat marshy, leaves, poplar, tall ferns
753552	Central Grid-FM - Line 3		Sand - yellowish orange, No 40-200, tall ferns, exiting marshy ground, poplar
753553	Central Grid-FM - Line 3		Sand - yellowish orange, no 10-40, few pebbles, organics, tall ferns, poplar, exiting marshy ground
753554	Central Grid-FM - Line 3		Sand - yellowish orange, no 10-40, few pebbles, organics, tall ferns, poplar, exiting marshy ground
753555	Central Grid-FM - Line 3		Sand - Yellowish orange, No 40-200, organics, up hill, spruce, birch
753556	Central Grid-FM - Line 3		Sand - yellowish orange, No 40-200 with pebbles, lots of twigs and undergrowth, tall ferns, pine
753557	Central Grid-FM - Line 3		Sand - yellowish orange, No 10-40 with pebbles, mossy, few ferns, low brush
753558	Central Grid-FM - Line 3		Sand - yellowish orange, No 10-40 with few pebbles, minor organics, lots of pine needles, leaves, birch, pine
753559	Central Grid-FM - Line 3		Sand - yellowish orange, No 10-40 with few pebbles, minor organics, lots of pine needles, leaves, birch, pine, lots of undergrowth, spruce
753560	Central Grid-FM - Line 3		Sand - yellowish orange, No 10-40, organics, few pebbles, birch, pine, undergrowth
753561	Central Grid-FM - Line 3		Sand - yellowish orange, No 10-40, organics, few pebbles, birch, pine, undergrowth, fern
753562	Central Grid-FM - Line 3		Sand - yellowish orange, No 40-200, tall ferns, lots of fallen tree, birch, overgrowth



Sample Number	Target	Field-Notes	Description
753563	Central Grid-FM - Line 3		Sand - yellowish orange, No 40-200, organics, fallen tree, birch
753564	Central Grid-FM - Line 3		Sand - yellowish orange, No 40-200, fallen tree, birch
753565	Central Grid-FM - Line 3		Sand - yellowish orange, No 40-200, organics, fallen tree, birch
753566	Central Grid-FM - Line 3		Sand - yellowish orange, No >200, organics, fallen tree, birch
753567	Central Grid-FM - Line 3		Sand - yellowish orange, No >200, organics, fallen tree, birch
753568	Central Grid-FM - Line 3		Sand - yellowish orange, No >200 with few pebbles, organics, fallen tree, birch
753569	Central Grid-FM - Line 3		Sand - yellowish orange, No >200, organics, mossy, spruce, pine needles
753570	Central Grid-FM - Line 3		Sand - yellowish orange, No >200, organics, mossy, spruce, pine needles
753571	Central Grid-FM - Line 3		Sand - yellowish orange, organics, No >200, lots of leaves, fallen trees, spruce, birch
753572	Central Grid-FM - Line 3		Sand - yellowish orange, organics, No >200, lots of leaves, fallen trees, spruce, birch
753573	Central Grid-FM - Line 3		Sand - yellowish orange, organics, No >200, lots of leaves, fallen trees, spruce, birch
753574	Central Grid-FM - Line 3		Sand - yellowish orange, organics, No >200, lots of leaves, fallen trees, spruce, birch, mossy
753575	Central Grid-FM - Line 3		Sand - light brown, No 4-10, mossy, pine needles, spruce
753576	Central Grid-FM - Line 3	Near road	Sand - light brown to yellowish orange, No 10-40 with pebbles, lots of leaves, fallen trees, spruce, birch, mossy
753577	Central Grid-FM -		Sand - yellowish orange, soft, No 10-40 to No 40-200, mossy, spruce



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 4	In swamp - skipped sample	
n/a	Central Grid-FM - Line 4	In swamp - skipped sample	
n/a	Central Grid-FM - Line 4	In swamp - skipped sample	
n/a	Central Grid-FM - Line 4	In swamp - skipped sample	
n/a	Central Grid-FM - Line 4	In swamp - skipped sample	
n/a	Central Grid-FM - Line 4	In swamp - skipped sample	
n/a	Central Grid-FM - Line 4	In swamp - skipped sample	
n/a	Central Grid-FM - Line 4	In swamp - skipped sample	
n/a	Central Grid-FM - Line 4	In swamp - skipped sample	
753624	Central Grid-FM - Line 4	Swampy	Sand - brownish grey, very wet, lots of organics, mossy, heavy growth, spruce
753623	Central Grid-FM - Line 4	Swampy	Sand - very wet, No 4-10, mossy, heavy growth, spruce
753622	Central Grid-FM - Line 4		Sand - light brown, very wet, No 40-200, mossy, spruce
753621	Central Grid-FM - Line 4		Sand - yellowish orange, No 10-40 with few pebbles, open, overgrowth, poplar, ferns
753620	Central Grid-FM - Line 4		Sand - yellowish orange, No 4-10 with few pebbles, open, overgrowth, poplar, ferns
753619	Central Grid-FM - Line 4		Sand - yellowish orange, No 4-10 with pebbles, open, overgrowth, poplar



Sample Number	Target	Field-Notes	Description
753618	Central Grid-FM - Line 4	No top layer	Sand - yellowish orange, No 4-10 with pebbles, open, pine
753617	Central Grid-FM - Line 4	No top layer	Sand - yellowish orange, No 4-10, open, pine, birch
753616	Central Grid-FM - Line 4		Sand - yellowish orange, No 4-10, organics, open, pine, birch, somewhat mossy
753615	Central Grid-FM - Line 4		Sand - yellowish orange, No 4-10, organics, open, pine, birch, somewhat mossy
753614	Central Grid-FM - Line 4		Sand - yellowish orange, No 4-10, hilly terrain, wooded, ferns, poplar
753613	Central Grid-FM - Line 4		Sand - yellowish orange, No 4-10, hilly terrain, wooded, ferns, poplar
753612	Central Grid-FM - Line 4		Sand - light brown, No 10-40 with pebbles, organics, wet, somewhat wooded, grassy, ferns
753611	Central Grid-FM - Line 4	Next to outcrop	Sand - Greyish, No 10-40, very wet, organics, grassy brush
753610	Central Grid-FM - Line 4	Boggy, swampy	Sand - borderline silts and clays, light brown, No 40-200, lots of water, some organics and pebbles, mossy, birch, spruce
753609	Central Grid-FM - Line 4	Boggy, swampy	Sand - yellowish orange, No 10-40, very wet, mossy, birch, spruce
753608	Central Grid-FM - Line 4	Boggy, swampy	Sand - light brown, No 40-200, pebbly, very wet, mossy, birch, spruce
753607	Central Grid-FM - Line 4	Boggy, swampy	Sand - light brown, No 40-200, very wet, mossy, birch, spruce
753606	Central Grid-FM - Line 4	Boggy, swampy	Sand - light brown, No 40-200, very wet, mossy, birch, spruce
753605	Central Grid-FM - Line 4	Swampy	Sand - light brown, No >200, very wet, grassy
753604	Central Grid-FM -	Surrounding boulders	Sand - yellowish orange, No 10-40 with several pebbles, tall ferns, almost typical grass



Sample Number	Target	Field-Notes	Description
	Line 4		
753603	Central Grid-FM - Line 4		Sand - dark brown, No 4-10 with larger pebbles, mossy, on slope, spruce, pine, fern, poplar
753602	Central Grid-FM - Line 4		Sand - brownish orange, No 10-40 with pebbles, birch, denser forest, top of hill, spruce, mossy
753601	Central Grid-FM - Line 4		Sand - light brown, No 10-40, spruce, mossy, ferns
753600	Central Grid-FM - Line 4		Sand - yellowish orange, No 10-40, spruce, slightly mossy
753599	Central Grid-FM - Line 4		Sand - light brown, No 10-40, moss, pine needles, fern, spruce
753598	Central Grid-FM - Line 4		Sand - light brown, No 40-200, moss, pine needles, fern, spruce
753597	Central Grid-FM - Line 4		Sand - light brown, No >200, moss, pine needles, fern, spruce
753596	Central Grid-FM - Line 4		Sand - yellowish orange, No >200, pine, mossy, pine needles, few birch
753595	Central Grid-FM - Line 4		Sand - light brown, No 10-40, pine, mossy, pine needles, few birch
753594	Central Grid-FM - Line 4		Sand - light brown, No 10-40, pine, mossy, pine needles, few birch
753593	Central Grid-FM - Line 4		Sand - light brown, No 10-40, pine, mossy, pine needles, few birch
753592	Central Grid-FM - Line 4		Sand - light brown, No 40-200, pine, mossy, pine needles, few birch
753591	Central Grid-FM - Line 4		Sand - light brown to slightly yellowish orange, No 10-40, pine, mossy, pine needles, few birch
753590	Central Grid-FM - Line 4		Sand - brown, No 10-40, pine, mossy, pine needles, few birch



Sample Number	Target	Field-Notes	Description
753589	Central Grid-FM - Line 4		Sand - brown, No 10-40, pine, mossy, pine needles, few birch
753588	Central Grid-FM - Line 4		Sand - brown, No 10-40, pine, mossy, pine needles, few birch
753587	Central Grid-FM - Line 4		Sand - light brown, No >200, light brown, organics, spruce, mossy, pine needles
753586	Central Grid-FM - Line 4		Sand - light brown, No >200, light brown, organics, spruce, mossy, pine needles
753585	Central Grid-FM - Line 4	Side of road	Sand - light brown, No >200, light brown, organics, spruce
753584	Central Grid-FM - Line 4	Side of road	Sand - light brown, No >200, light brown, organics, spruce
753583	Central Grid-FM - Line 4		Sand - yellowish orange, No 40-200 with few pebbles, organics, mossy, pine needles, spruce
753582	Central Grid-FM - Line 4		Sand - yellowish orange, No 40-200 with few pebbles, mossy, pine needles, spruce
753581	Central Grid-FM - Line 4	Old road?	Sand - yellowish orange, No 40-200 with few pebbles, mossy, pine needles, spruce
753580	Central Grid-FM - Line 4		Sand - yellowish orange, No 40-200 with few pebbles, minor organics, mossy, spruce, few poplar
753579	Central Grid-FM - Line 4		Sand - yellowish orange, No 10-40 with few pebbles, minor organics, mossy, spruce, few poplar
753578	Central Grid-FM - Line 4		Sand - yellowish orange, No 10-40, minor organics, mossy, spruce, few poplar
753625	Central Grid-FM - Line 5		Sand - yellowish orange, No 4-10 with pebbles, wooded, poplar
753626	Central Grid-FM - Line 5		Silts and clays - liquid less than 50, soft, wooded, poplar
753627	Central Grid-FM -		Sand - light grey to beige, No >200, wooded, poplar



Sample Number	Target	Field-Notes	Description
	Line 5		
753628	Central Grid-FM - Line 5		Sand - yellowish orange, very fine, No >200, organics, slightly wet, wooded, poplar
753629	Central Grid-FM - Line 5	Next to outcrop	Sand - yellowish orange, No >200, pine, poplar, wooded
753630	Central Grid-FM - Line 5	Next to outcrop	Sand - light brown, No 40-200, organics, open brush, poplar, birch
753631	Central Grid-FM - Line 5		Sand - yellowish orange to brown, No 40-200, birch, bushy
753632	Central Grid-FM - Line 5		Silts and Clays - grayishy, light, liquid less than 50, slightly wet, birch, bushy
753633	Central Grid-FM - Line 5		Sand - light brown, No >200, very fine, organics with pebbles, watery, birch, bushy
753634	Central Grid-FM - Line 5		Sand - yellowish orange, No 40-200, heavily wooded
753635	Central Grid-FM - Line 5		Muddy sand - dark brown, No 40-200, mossy, wooded, very wet
753636	Central Grid-FM - Line 5		Sand - brown, No 10-40, wet, mossy, wooded
753637	Central Grid-FM - Line 5		Sand - yellowish orange, No 10-40, wet, mossy, pine needles
753638	Central Grid-FM - Line 5		Sand - light brown, somewhat wet, No 40-200, spongy ground, poplar, fern
753639	Central Grid-FM - Line 5	Old road?	Sand - yellowish orange, No 10-40, pine
753640	Central Grid-FM - Line 5		Sand - grey, No 10-40, spongy ground, ferns, birch, poplar, mossy, organics
753641	Central Grid-FM - Line 5		Sand - yellowish orange, No 40-200, organics, ferns, lots of leaves, spruce, pine



Sample Number	Target	Field-Notes	Description
753642	Central Grid-FM - Line 5		Sand - brown, No 10-40 with pebbles, organics, ferns, leaves, spruce, pine
753643	Central Grid-FM - Line 5		Sand - yellowish orange, No >200, mossy, broken trees
753644	Central Grid-FM - Line 5		Sand - yellowish orange, No >200, mossy, broken trees
753645	Central Grid-FM - Line 5		Sand - yellowish orange, No 10-40, mossy, broken trees
753646	Central Grid-FM - Line 5		Sand - yellowish orange, No 10-40, mossy, broken trees
753647	Central Grid-FM - Line 5		Sand - yellowish orange, No 10-40, mossy, broken trees
753648	Central Grid-FM - Line 5	On side of road	Sand - yellowish orange, No 40-200, spruce, mossy
753649	Central Grid-FM - Line 5	On side of road	Sand - yellowish orange, No >200, mossy
753650	Central Grid-FM - Line 5		Sand - light brown, No >200, few pebbles, mossy, spruce, pine needles, sand, ferns
753651	Central Grid-FM - Line 5		Sand - light brown, No >200, mossy, spruce, pine needles, sand, ferns, organics
753652	Central Grid-FM - Line 5		Sand - light brown, No >200, mossy, spruce, pine needles, sand, ferns, organics
753653	Central Grid-FM - Line 5		Sand - light brown, No >200, mossy, spruce, pine needles, sand, ferns, organics
753654	Central Grid-FM - Line 5		Sand - light brown, No >200, mossy, spruce, pine needles, sand, ferns, organics
753655	Central Grid-FM - Line 5		Sand - light brown, No >200, mossy, spruce, pine needles, sand, ferns, organics
753656	Central Grid-FM -		Sand - light brown, No >200, mossy, spruce, pine needles, sand, ferns, organics



Sample Number	Target	Field-Notes	Description
	Line 5		
753657	Central Grid-FM - Line 5		Sand - light brown, No >200, mossy, spruce, pine needles, sand, ferns, organics
753658	Central Grid-FM - Line 5		Sand - light brown, No >200, few pebbles, mossy, spruce, pine needles, sand, ferns, organics
753659	Central Grid-FM - Line 5		Sand - light brown, No >200, few pebbles, mossy, spruce, pine needles, sand, ferns, organics
753660	Central Grid-FM - Line 5		Sand - brown, No >200, few pebbles, mossy, spruce, pine needles, sand, ferns, organics
753661	Central Grid-FM - Line 5		Sand - light brown, No >200, birch, fern, pine, lots of leaves on ground
753662	Central Grid-FM - Line 5		Sand - light brown, No >200, birch, fern, pine, lots of leaves on ground, mossy
753663	Central Grid-FM - Line 5		Sand - dark brown, No 10-40 with pebbles, organics, going uphill, tall ferns, birch
753664	Central Grid-FM - Line 5		Sand - brown, No 4-10, leaves, poplar, spruce
753665	Central Grid-FM - Line 5		Sand - brown, No 4-10, organics, on hill, spruce, mossy, leaves
753666	Central Grid-FM - Line 5		Sand - brown, No 4-10, organics, on hill, spruce, mossy, leaves
753667	Central Grid-FM - Line 5		Sand - brown, No 4-10 with larger pebbles, top of hill, mossy, pine, birch
753668	Central Grid-FM - Line 5		Sand - brown, No 4-10 with larger pebbles, top of hill, mossy, pine, birch
753669	Central Grid-FM - Line 5	Old logging road	Sand - brown, No 4-10 with larger pebbles, mossy, gravelly terrain, pine, higher ground
753670	Central Grid-FM - Line 5	On side of logging road	Sand - brown, No 4-10 with larger pebbles



Sample Number	Target	Field-Notes	Description
753671	Central Grid-FM - Line 5	On side of logging road, Sample moved - in logging brush	Sand - brown, No 4-10 with larger pebbles
753672	Central Grid-FM - Line 5		Sand - brown, No 4-10 with larger pebbles, pine, birch
753673	Central Grid-FM - Line 5		Sand - brown, No 4-10 with larger pebbles, pine, birch, mossy
753674	Central Grid-FM - Line 5		Sand - brown, No 4-10 with larger pebbles, pine, birch, mossy
753675	Central Grid-FM - Line 5		Sand - brown, No 4-10 with larger pebbles, pine, birch, mossy
753676	Central Grid-FM - Line 5		Sand - light brown, No 10-40, birch, pine, mossy, going downhill
753677	Central Grid-FM - Line 5		Sand - light brown, No 10-40, organics, birch, pine, mossy, going slightly uphill
753678	Central Grid-FM - Line 5		Sand - brown, No 4-10 with pebbles, few organics, uphill, mossy, leaves, birch
753679	Central Grid-FM - Line 5		Sand - brown, No 4-10 with pebbles, few organics, uphill, mossy, leaves, birch
753680	Central Grid-FM - Line 5		Sand - brown, No 4-10 with pebbles, few organics, uphill, mossy, leaves, birch
753681	Central Grid-FM - Line 5		Sand - brown, No 4-10 with pebbles, few organics, uphill, mossy, leaves, birch
753682	Central Grid-FM - Line 5		Sand - brown, No 10-40, few pebbles, few organics, mossy, birch, spruce
753683	Central Grid-FM - Line 5		Sand - brown, No 10-40, few pebbles, few organics, mossy, birch, spruce



Sample Number	Target	Field-Notes	Description
753684	Central Grid-FM - Line 5		Sand - brown, No 10-40, organics, mossy, leaves, lots of overgrowth, birch, pine
753685	Central Grid-FM - Line 5		Sand - brown, No 10-40, organics, mossy, leaves, lots of overgrowth, birch, pine
753686	Central Grid-FM - Line 5		Sand - brown, No 40-200, organics, mossy, leaves, lots of overgrowth, birch, pine
753687	Central Grid-FM - Line 5		Sand - brown, No 4-10, pebbles, organics, heavy brush, leaves, pine
753688	Central Grid-FM - Line 5		Sand - brown, No 10-40, few pebbles and organics, leaves, mossy, birch
753689	Central Grid-FM - Line 5		Sand - brown, No 4-10, pebbles, organics, heavy brush, leaves, pine
753690	Central Grid-FM - Line 5		Sand - brown, No 4-10, pebbles, organics, heavy brush, leaves, pine
753691	Central Grid-FM - Line 5		Sand - brown, No <4, organics, birch, spruce
753692	Central Grid-FM - Line 5		Sand - brown, No <4, organics, birch, spruce, birch
753693	Central Grid-FM - Line 5		Sand - brown, No 4-10, organics, birch, spruce, birch, mossy
753694	Central Grid-FM - Line 5		Sand - brown, No 4-10, organics, birch, spruce, birch, mossy
753695	Central Grid-FM - Line 5	On old logging road	Sand - brown, No 10-40 with some 4-10 and <4, birch, pine
753696	Central Grid-FM - Line 5		Sand - brown, No 10-40 with pebbles and organics, heavily wooded, pine, birch, leaves, mossy
753697	Central Grid-FM - Line 5		Sand - brown, No 10-40 with pebbles and organics, mossy, pine, leaves
753698	Central Grid-FM -		Sand - brown, No 10-40 with pebbles and organics, mossy, pine, leaves



Sample Number	Target	Field-Notes	Description
	Line 5		
753699	Central Grid-FM - Line 5		Sand - brown, No 10-40 with pebbles and organics, mossy, pine, wet ground
753700	Central Grid-FM - Line 5		Sand - brown, No 10-40 with pebbles and organics, mossy, pine, leaves, wet ground
753701	Central Grid-FM - Line 5		Sand - brown, No 4-10 with some No 10-40 and <4 and organics, mossy, pine, leaves, wet ground
n/a	Central Grid-FM - Line 6	Sample Missed	
753781	Central Grid-FM - Line 6		Sand - light brown, little to no fines, gravelly
753780	Central Grid-FM - Line 6		Clayey sand - light brown, gravels
753779	Central Grid-FM - Line 6		Clayey sand - light brown, gravels
753778	Central Grid-FM - Line 6		Sand - Yellowish orange, mixed with abundant fines - mainly clays, organics
753777	Central Grid-FM - Line 6		Sand - Yellowish orange, mixed with fines - mainly clays
753776	Central Grid-FM - Line 6		Sand - Yellowish orange, mixed with fines - mainly clays
753775	Central Grid-FM - Line 6		Sand - Yellowish orange, mixed with fines - mainly clays
753774	Central Grid-FM - Line 6		Sand - Yellowish orange, mixed with fines - mainly clays
753773	Central Grid-FM - Line 6		Silty - olive grey
753772	Central Grid-FM - Line 6		Sand - light brown, with fines



Sample Number	Target	Field-Notes	Description
753771	Central Grid-FM - Line 6		Sandy silts - yellowish orange, very fine grained
753770	Central Grid-FM - Line 6		Sandy to silts and clays
753769	Central Grid-FM - Line 6	Swampy surroundings	Silty clay - olive gray, slightly sandy
753768	Central Grid-FM - Line 6	Swampy	Silty clay - olive gray
753767	Central Grid-FM - Line 6		Sand to silty - Gray, very fine grained, lots of moss
753766	Central Grid-FM - Line 6		Sand to silty - Gray, very fine grained, lots of moss
753765	Central Grid-FM - Line 6		Sand - yellowish orange
753764	Central Grid-FM - Line 6		Sand - yellowish orange, very fine
753763	Central Grid-FM - Line 6		Sand - very fine grained, 40% water
753762	Central Grid-FM - Line 6	On side of Kathlynd Lake Road	Sand - very fine grained, 40% water
753761	Central Grid-FM - Line 6		Sand - very fine grained, 40% water
753760	Central Grid-FM - Line 6		Sand - very fine grained, 40% water
753759	Central Grid-FM - Line 6		Sand - very fine grained, 40% water
753758	Central Grid-FM - Line 6		Sand - very fine grained, 40% water
753757	Central Grid-FM -		Sand - very fine grained, 40% water



Sample Number	Target	Field-Notes	Description
	Line 6		
753756	Central Grid-FM - Line 6		Sand - very fine grained, 40% water
753755	Central Grid-FM - Line 6		Sand - very fine grained, 40% water
753754	Central Grid-FM - Line 6		Sand - light brown, gravelly
753753	Central Grid-FM - Line 6		Sand - light brown, gravelly
753752	Central Grid-FM - Line 6		Sand - light brown, gravelly
753751	Central Grid-FM - Line 6		Sand - light brown, gravelly
753750	Central Grid-FM - Line 6		Sand - light brown, gravelly
753749	Central Grid-FM - Line 6		Sand - light brown, gravelly
753748	Central Grid-FM - Line 6		Sand - light brown, gravelly
753747	Central Grid-FM - Line 6		Sand - light brown, gravelly
753746	Central Grid-FM - Line 6		Sand - light brown, gravelly
753745	Central Grid-FM - Line 6		Sand - light brown, gravelly
753744	Central Grid-FM - Line 6		Sand - light brown, gravelly
753743	Central Grid-FM - Line 6		Sand - light brown, little gravel



Sample Number	Target	Field-Notes	Description
753742	Central Grid-FM - Line 6		Sand - light brown, gravelly
753741	Central Grid-FM - Line 6		Sand - light brown, gravelly
753740	Central Grid-FM - Line 6		Sand - light brown, gravelly
753739	Central Grid-FM - Line 6		Sand - light brown, gravelly
753738	Central Grid-FM - Line 6		Sand - light brown, gravelly
753737	Central Grid-FM - Line 6		Sand - light brown, gravelly
753736	Central Grid-FM - Line 6		Sand - light brown, gravelly
753735	Central Grid-FM - Line 6		Sand - light brown, gravelly
753734	Central Grid-FM - Line 6		Sand - light brown, gravelly
753733	Central Grid-FM - Line 6		Sand - light brown, clay mixture
753732	Central Grid-FM - Line 6		Sand - light brown, clay mixture
753731	Central Grid-FM - Line 6		Sand - light brown, clay mixture
753730	Central Grid-FM - Line 6		Sand - light brown, clay mixture
753729	Central Grid-FM - Line 6		Sand - light brown, clay mixture
753728	Central Grid-FM -		Sand - Yellowish orange, gravel with fines, coarse grained



Sample Number	Target	Field-Notes	Description
	Line 6		
753727	Central Grid-FM - Line 6		Sand - Yellowish orange, gravel with fines, coarse grained
753726	Central Grid-FM - Line 6		Silts and Clays - olive grey, fine grained
753725	Central Grid-FM - Line 6		Silts and Clays - olive grey, fine grained
753724	Central Grid-FM - Line 6		Sand - greenish gray, coarse grained with fines
753723	Central Grid-FM - Line 6		Sand - light brown, coarse grained with fines
753722	Central Grid-FM - Line 6		Sand - light brown, coarse grained with fines
753721	Central Grid-FM - Line 6		Silty - olive grey, fine grained, 40-50% water
753720	Central Grid-FM - Line 6		Silts - Dark orange to brown, fine grained, 30-40% water, minor amounts of organics
753719	Central Grid-FM - Line 6		Silts - Dark orange to brown, fine grained, 40% water, minor amounts of organics
753718	Central Grid-FM - Line 6		Silts - Dark orange to brown, fine grained, 30-40% water, minor amounts of organics
753717	Central Grid-FM - Line 6		Silts - light brown - yellowish orange, ~30% water, fines, gravelly - coarse grained
753716	Central Grid-FM - Line 6		Silts - Dark orange to brown, fine grained, 30-40% water, minor amounts of organics
753715	Central Grid-FM - Line 6		Silts - Olive grey, fine grained, 30-40% water, minor amounts of organics
753714	Central Grid-FM - Line 6		Silts and Clays - light brown, fine grained, 40% water



Sample Number	Target	Field-Notes	Description
753713	Central Grid-FM - Line 6		Silts and clays - olive grey, 40% water, fine grained
753712	Central Grid-FM - Line 6	On side of logging road	Silts and clays - olive grey, 40% water, fine grained
753711	Central Grid-FM - Line 6		Silts and clays - olive grey, 40% water, fine grained
753710	Central Grid-FM - Line 6		Sand - light brown, with fines, silty gravel, coarse grained
753709	Central Grid-FM - Line 6		Sand - light brown, with fines, silty gravel, coarse grained
753708	Central Grid-FM - Line 6		Sand - brown to yellowish orange, No 10-40 with pebbles and organics, slightly wet, pine, moss, leaves, balsam
753707	Central Grid-FM - Line 6		Sand - brown to yellowish orange, No 10-40 with pebbles and organics, slightly wet, pine, moss, leaves, balsam
753706	Central Grid-FM - Line 6		Sand - brown, No 10-40 with pebbles and organics, slightly wet, pine, moss, leaves, balsam
753705	Central Grid-FM - Line 6		Sand - brown, No 10-40 with pebbles and organics, slightly wet, pine needles, pine, moss
753704	Central Grid-FM - Line 6		Sand - brown, No 10-40 with pebbles and organics, pine needles, pine, moss
753703	Central Grid-FM - Line 6		Sand - brown, No 10-40 with pebbles and organics, slightly wet, pine needles, pine, moss
753702	Central Grid-FM - Line 6		Sand - brown, No 10-40 with pebbles and organics, heavily forested, mossy, leafy ground
753782	Central Grid-FM - Line 7		Poorly graded gravels - gravel - sand mixtures, little or no fines - light brown, 5-15% water
753783	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixture, little or no fines - light brown



Sample Number	Target	Field-Notes	Description
753784	Central Grid-FM - Line 7		Poorly graded gravels - gravel - sand mixtures, little or no fines - light brown
753785	Central Grid-FM - Line 7		Silty sands - greenish grey
753786	Central Grid-FM - Line 7		Poorly graded gravels - gravel - sand mixtures, little or no fines - 5-15% water
753787	Central Grid-FM - Line 7	Taken 1-2 m from outcrop off gridline	Well graded gravels, gravel - sand mixture, little or no fines - 40-50% water
753788	Central Grid-FM - Line 7	3-5 m away from outcrop	Well graded gravels, gravel - sand mixture, little or no fines - 40-50% water
753789	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixture, little or no fines - 40-50% water
753790	Central Grid-FM - Line 7	In swamp	Organic clays of medium to high plasticity, organic silts - dark grey
753791	Central Grid-FM - Line 7	In swamp	Organic clays of medium to high plasticity, organic silts - dark grey
753792	Central Grid-FM - Line 7	In swamp	Organic clays of medium to high plasticity, organic silts - dark grey
753793	Central Grid-FM - Line 7	20 m from swamp	Well graded gravels, gravel - sand mixture, little or no fines - 40% water
753794	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixture, little or no fines - 30-40% water
753795	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixture, little or no fines - 40% water
753796	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixture, little or no fines - 40% water
753797	Central Grid-FM - Line 7		Clayey gravels, gravel-sand-clay mixtures - 20-30% water
753798	Central Grid-FM -		Silty gravels, gravel-sand-silt mixtures, 20-30% water



Sample Number	Target	Field-Notes	Description
	Line 7		
753799	Central Grid-FM - Line 7		Poorly graded sands, gravelly sands, little or no fines,
753800	Central Grid-FM - Line 7	0.5 m of overburden on outcrop	Poorly graded gravels, gravel-sand mixtures. Little or no fines
753801	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753802	Central Grid-FM - Line 7	20 cm of overburden on outcrop	Poorly graded gravels, gravel-sand mixtures. Little or no fines
753803	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753804	Central Grid-FM - Line 7		Poorly graded sands, gravelly sands, little or no fines, 20-30% water
753805	Central Grid-FM - Line 7		Poorly graded sands, gravelly sands, little or no fines, 20-30% water
753806	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines, 10-20% water
753807	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixtures, little or no fines, 10-15% water
753808	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixtures, little or no fines, 10-15% water
753809	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixtures, little or no fines, 10-15% water
753810	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixtures, little or no fines, 10-15% water
753811	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixtures, little or no fines, 10-15% water
753812	Central Grid-FM -		Poorly graded gravels, gravel-sand mixtures. Little or no fines



Sample Number	Target	Field-Notes	Description
	Line 7		
753813	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753814	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753815	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753816	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753817	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753818	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753819	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753820	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753821	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753822	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixtures, little or no fines
753823	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixtures, little or no fines
753824	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixtures, little or no fines
753825	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixtures, little or no fines
753826	Central Grid-FM - Line 7	Near road	Silty gravels, gravel-sand-silt mixtures



Sample Number	Target	Field-Notes	Description
753827	Central Grid-FM - Line 7		Silty gravels, gravel-sand-silt mixtures
753828	Central Grid-FM - Line 7		Silty gravels, gravel-sand-silt mixtures
753829	Central Grid-FM - Line 7		Clayey gravels, gravel-sand-clay mixtures
753830	Central Grid-FM - Line 7		Clayey gravels, gravel-sand-clay mixtures
753831	Central Grid-FM - Line 7		Silty gravels, gravel-sand-silt mixtures
753832	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753833	Central Grid-FM - Line 7		Silty gravels, gravel-sand-silt mixtures
753834	Central Grid-FM - Line 7		Silty gravels, gravel-sand-silt mixtures
753835	Central Grid-FM - Line 7		Silty gravels, gravel-sand-silt mixtures
753836	Central Grid-FM - Line 7		Clayey gravels, gravel-sand-clay mixtures
753837	Central Grid-FM - Line 7		Clayey gravels, gravel-sand-clay mixtures
753838	Central Grid-FM - Line 7		Clayey gravels, gravel-sand-clay mixtures
753839	Central Grid-FM - Line 7		Clayey gravels, gravel-sand-clay mixtures
753840	Central Grid-FM - Line 7		Clayey gravels, gravel-sand-clay mixtures
753841	Central Grid-FM -		Silty gravels, gravel-sand-silt mixtures



Sample Number	Target	Field-Notes	Description
	Line 7		
753842	Central Grid-FM - Line 7		Silty gravels, gravel-sand-silt mixtures
753843	Central Grid-FM - Line 7		Well graded gravels, gravel - sand mixtures, little or no fines
753844	Central Grid-FM - Line 7	On outcrop boundary	Poorly graded gravels, gravel-sand mixtures. Little or no fines
753845	Central Grid-FM - Line 7	Taken on the side of outcrop	Well graded gravels, gravel - sand mixtures, little or no fines
753846	Central Grid-FM - Line 7	On outcrop	Well graded gravels, gravel - sand mixtures, little or no fines
753847	Central Grid-FM - Line 7	On outcrop	Well graded gravels, gravel - sand mixtures, little or no fines
753848	Central Grid-FM - Line 7	On outcrop	Silty gravels, gravel-sand-silt mixtures
753849	Central Grid-FM - Line 7		Silty gravels, gravel-sand-silt mixtures
753850	Central Grid-FM - Line 7		Silty gravels, gravel-sand-silt mixtures
753851	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753852	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753853	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753854	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753855	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines



Sample Number	Target	Field-Notes	Description
753856	Central Grid-FM - Line 7		Poorly graded gravels, gravel-sand mixtures. Little or no fines
753857	Central Grid-FM - Line 7		Sand - brown, No 10-40 with pebbles, lots of leaves, pine, birch, little moss
753858	Central Grid-FM - Line 7		Sand - brown, No 10-40 with lots of pebbles, spruce, lots of leaves, pine, birch, little moss
753859	Central Grid-FM - Line 7		Sand - brown, No 10-40 with lots of pebbles, spruce, lots of leaves, pine, birch, little moss
753860	Central Grid-FM - Line 7		Sand - brown to yellowish orange, no 10-40 with pebbles, organics, spruce, lots of leaves, pine, birch, little moss
753861	Central Grid-FM - Line 7		Sand - brown to yellowish orange, no 10-40 with pebbles, spruce, lots of leaves, pine, birch, little moss
753862	Central Grid-FM - Line 7		Sand - brown, no 10-40 with pebbles, spruce, lots of leaves, pine, birch, little moss
753863	Central Grid-FM - Line 7	Old logging road?	Sand - brown, no 10-40 with pebbles, spruce, lots of leaves, pine, birch, little moss
753864	Central Grid-FM - Line 7		Sand - brown, no 10-40 with pebbles, spruce, lots of leaves, pine, birch, little moss
753865	Central Grid-FM - Line 7		Sand - brown, no 10-40 with abundant pebbles, spruce, lots of leaves, pine, birch, little moss
753866	Central Grid-FM - Line 7		Sand - brown, no 10-40 with abundant pebbles, organics, spruce, lots of leaves, pine, birch, little moss
753867	Central Grid-FM - Line 7		Sand - brown, no 10-40 with abundant pebbles, organics, spruce, lots of leaves, pine, birch, little moss
753868	Central Grid-FM - Line 7	In middle of logging road - no top layer	Sand - brown, no 10-40 with abundant pebbles, organics, spruce, lots of leaves, pine, birch, little moss
753869	Central Grid-FM - Line 7	Near logging road	Sand - brown, No 10-40 with 40-200, pebbles, organics, spruce, pine, birch, poplar



Sample Number	Target	Field-Notes	Description
753870	Central Grid-FM - Line 7		Sand - brown, No 10-40 with pebbles, organics, birch, poplar, pine, spruce, lots of overgrowth, leaves
753871	Central Grid-FM - Line 7		Sand - light brown, No 40-200 with pebbles, organics, bich, poplar, pine, spruce, lots of overgrowth, leaves
753872	Central Grid-FM - Line 7		Sand - light brown, No 40-200 with pebbles, organics, bich, poplar, pine, spruce, lots of overgrowth, leaves
753873	Central Grid-FM - Line 7		Sand - brown, No 40-200, with pebbles, organics, dense forest, birch, pine, leaves, little moss
753874	Central Grid-FM - Line 7		Sand - brown, No 40-200 with pebbles, somewhat moist, organics, pine, birch, leaves
753875	Central Grid-FM - Line 7	Heavy logging brush, moved sample to side of logging road	Sand - dark brown, No 40-200 with pebbles, moist
753876	Central Grid-FM - Line 7	On side of logging road - no top layer	Sand - light brown, No 40-200
753877	Central Grid-FM - Line 7		Sand - light brown, No 40-200, pebbles, organics, thick brush, pine, poplar, birch, leaves
753878	Central Grid-FM - Line 7		Sand - dark brown, No 40-200, organics, thick brush, undergrowth, birch, poplar, fern, pine
753879	Central Grid-FM - Line 7		Sand - light brown, No 40-200, organics, thick brush, undergrowth, birch, poplar, fern, pine
753880	Central Grid-FM - Line 7		Sand - brown, No 40-200, organics, spruce, thick brush, birch, poplar, fern, pine
753881	Central Grid-FM - Line 7		Sand - light brown, No >200, organics, spruce, leaves, birch
753882	Central Grid-FM -		Sand - brown, No 10-40, organics, pebbles, spruce, leaves, birch, heavily forested



Sample Number	Target	Field-Notes	Description
	Line 7		
753883	Central Grid-FM - Line 7		Sand - brown, No 10-40, organics, pebbles, spruce, leaves, birch, heavily forested, mossy
753884	Central Grid-FM - Line 7		Sand - brown, No 10-40, organics, pebbles, spruce, leaves, birch, heavily forested, mossy
753885	Central Grid-FM - Line 7		Sand - brown, No 10-40, organics, pebbles, thick brush, spruce
753886	Central Grid-FM - Line 7		Sand - brown, No 40-200, pebbles, organics, clearing, pine, spruce
753887	Central Grid-FM - Line 7		Sand - brown, No 40-200, pebbles, organics, clearing, pine, spruce, downhill
753976	Central Grid-FM - Line 8		Sand - yellowish orange to brown, No 40-200, lots of pebbles and organics, on hill, fern, birch, poplar
753975	Central Grid-FM - Line 8		Sand - brown, No 40-200 with pebbles and organics, on hill, fern, birch, poplar
753974	Central Grid-FM - Line 8		Silts and Clays - Grey to yellowish orange, liquid content greater than 50, more sandy, soft, few pebbles, birch, poplar, spruce, leaves
753973	Central Grid-FM - Line 8		Silts and Clays - Grey, moderate to soft, liquid is approximately equal to 50, poplar, birch, tall fern
753972	Central Grid-FM - Line 8		Silts and Clays - Grey, liquid content greater than 50, soft, poplar, birch, tall fern
753971	Central Grid-FM - Line 8		Sand - light brown, No 10-40, very wet, pebbles and organics, solid feeling ground but wet underneath, poplar, tall fern, birch
753970	Central Grid-FM - Line 8		Sand - light brown, No 10-40, very wet, solid feeling ground but wet underneath, poplar, tall fern, birch
753969	Central Grid-FM - Line 8		Sand - brown, wet, No 10-40, pebbles, organics, tall fern, balsam, poplar, birch
753968	Central Grid-FM -		Silty sand - Light brown to grey, organics, somewhat wet, No 40-200, tall fern, balsam, poplar, birch



Sample Number	Target	Field-Notes	Description
	Line 8		
753967	Central Grid-FM - Line 8		Sand - brown, No 40-200, leaves, moss, balsam, pine, birch
753966	Central Grid-FM - Line 8		Sand - brown, No 40-200, leaves, moss, balsam, pine, birch
753965	Central Grid-FM - Line 8		Sand - light brown, No 40-200, leaves, moss, balsam, pine, birch
753964	Central Grid-FM - Line 8		Sand - yellowish brown, No 40-200, leaves, moss, balsam, pine, birch
753963	Central Grid-FM - Line 8		Sand - light brown, No 40-200, balsam, moss, spruce
753962	Central Grid-FM - Line 8		Sand - light brown, No 40-200, balsam, moss, spruce
753961	Central Grid-FM - Line 8		Sand - light brown, No 40-200, balsam, moss, spruce, openish area
753960	Central Grid-FM - Line 8		Sand - light brown, No 40-200, balsam, moss, spruce, openish area
753959	Central Grid-FM - Line 8		Sand - light brown, No 40-200, balsam, moss, spruce, openish area
753958	Central Grid-FM - Line 8		Sand - light brown, No 40-200, few organics, very few pebbles, balsam, moss, spruce, openish area
753957	Central Grid-FM - Line 8		Sand - light brown, No 40-200, few organics, balsam, moss, spruce, openish area
753956	Central Grid-FM - Line 8		Sand - light brown, No 40-200, few organics, balsam, moss, spruce, openish area
753955	Central Grid-FM - Line 8		Sand - light brown, No 10-40, organics, balsam, moss, spruce, openish area
753954	Central Grid-FM - Line 8		Sand - brown, No 10-40, organics, moss, leaves, pine, birch, pine needles on ground



Sample Number	Target	Field-Notes	Description
753953	Central Grid-FM - Line 8		Sand - light brown, No 40-200, few organics, moss, leaves, pine, birch
753952	Central Grid-FM - Line 8		Sand - light brown, No 40-200, few organics, moss, leaves, pine, birch
753951	Central Grid-FM - Line 8	On side of Kathlynd Lake Road - no top layer	Sand - brown, No 10-40, few pebbles
753950	Central Grid-FM - Line 8		Sand - light brown, No 10-40, few organics, sparsely wooded, mossy
753949	Central Grid-FM - Line 8		Sand - light brown, No >200, few organics, sparsely wooded, mossy
753948	Central Grid-FM - Line 8		Sand - light brown, No 10-40, few pebbles, soft, sparsely wooded, mossy
753947	Central Grid-FM - Line 8		Sand - light brown, No 10-40, few pebbles and organics, scattered birch, tall ferns, leaves, moss
753946	Central Grid-FM - Line 8		Sand - light brown, No 10-40, few pebbles and organics, scattered birch, tall ferns, leaves, moss
753945	Central Grid-FM - Line 8		Sand - brown, No 4-10, pebbles, scattered birch, tall fern, leaves
753944	Central Grid-FM - Line 8		Sand - brown, No 40-200, pebbles, scattered birch, tall fern, leaves
753943	Central Grid-FM - Line 8		Sand - light brown, No 4-10, organics and pebbles, scattered birch, tall fern
753942	Central Grid-FM - Line 8		Sand - light brown, No 10-40, organics and pebbles, scattered birch, tall fern
753941	Central Grid-FM - Line 8		Sand - light brown, No 10-40, few organics and pebbles, scattered birch, tall fern
753940	Central Grid-FM - Line 8		Sand - light brown, No 4-10, organics and pebbles, scattered birch, tall fern



Sample Number	Target	Field-Notes	Description
753939	Central Grid-FM - Line 8		Sand - light brown, No 4-10, organics and pebbles, scattered birch, tall fern
753938	Central Grid-FM - Line 8		Sand - light brown, No 4-10, organics and pebbles, scattered birch, tall fern
753937	Central Grid-FM - Line 8		Sand - brown, No 40-200, organics and pebbles, scattered birch, tall fern
753936	Central Grid-FM - Line 8		Sand - brown, No 4-10, organics and pebbles, scattered birch, tall fern
753935	Central Grid-FM - Line 8		Sand - brown, No 4-10, organics and pebbles, scattered birch, tall fern
753934	Central Grid-FM - Line 8		Sand - brown, No 4-10, organics and pebbles, scattered birch, tall fern
753933	Central Grid-FM - Line 8		Sand - light brown, No 10-40, organics and pebbles, scattered birch, tall fern
753932	Central Grid-FM - Line 8		Sand - brown, No 4-10 and larger, tall fern, scattered birch, downhill
753931	Central Grid-FM - Line 8		Sand - brown, No 40-200, pebbles, organics, downhill, few pine
753930	Central Grid-FM - Line 8		Sand - light brown, No 10-40, pebbles, organics, pine, birch, leaves, moss, fern
753929	Central Grid-FM - Line 8		Sand - light brown, No 10-40, few pebbles, organics, pine, birch, leaves, moss, fern
753928	Central Grid-FM - Line 8		Sand - light brown, No 10-40, large pebbles, organics, pine, birch, leaves, moss, fern
753927	Central Grid-FM - Line 8		Sand - light brown, No 10-40, large pebbles, organics, pine, birch, leaves, moss
753926	Central Grid-FM - Line 8		Sand - light brown, No 10-40, pebbles, organics, pine, birch, leaves, moss
753925	Central Grid-FM -		Sand - light brown, No 10-40, pebbles, organics, pine, birch, leaves, moss



Sample Number	Target	Field-Notes	Description
	Line 8		
753924	Central Grid-FM - Line 8		Sand - light brown, No 10-40, pebbles, organics, pine, birch, leaves, moss
753923	Central Grid-FM - Line 8		Sand - light brown, No 10-40, pebbles, organics, pine, birch, leaves, moss
753922	Central Grid-FM - Line 8		Sand - light brown, No 40-200, pebbles, organics, pine, birch, leaves, moss
753921	Central Grid-FM - Line 8		Sand - brown, No 40-200 with pebbles, few organics, pine, few leaves, mossy
753920	Central Grid-FM - Line 8		Sand - brown, No 40-200 with pebbles, few organics, pine, few leaves, mossy
753919	Central Grid-FM - Line 8		Sand - brown, No 10-40 with pebbles, few organics, pine, few leaves, mossy
753918	Central Grid-FM - Line 8		Sand - brown, No 10-40 with pebbles, few organics, pine, few leaves, mossy
753917	Central Grid-FM - Line 8		Sand - brown, No 40-200 with pebbles, few organics, pine, leaves, mossy
753916	Central Grid-FM - Line 8		Sand - dark brown, No 10-40 with pebbles, few organics, very overgrown, leaves
753915	Central Grid-FM - Line 8	On very overgrown old logging road	Sand - dark brown, No 10-40 with pebbles, few organics, very overgrown, leaves
753914	Central Grid-FM - Line 8		Sand - dark brown, No 10-40 with pebbles, few organics, pine, moss, leaves, birch, ferns
753913	Central Grid-FM - Line 8		Sand - dark brown, No 10-40 with pebbles, few organics, pine, moss, leaves, birch, ferns
753912	Central Grid-FM - Line 8		Sand - dark brown, No 10-40 with pebbles, few organics, pine, moss, leaves, birch, ferns



Sample Number	Target	Field-Notes	Description
753911	Central Grid-FM - Line 8		Sand - dark brown, No 10-40 with pebbles, few organics, pine, moss, leaves, birch, ferns
753910	Central Grid-FM - Line 8		Sand - dark brown, No 10-40 with pebbles, few organics, pine, moss, leaves, birch
753909	Central Grid-FM - Line 8		Sand - brown, No 10-40 with pebbles, few organics, pine, moss, leaves, birch
753908	Central Grid-FM - Line 8		Sand - dark brown, No 10-40 with pebbles, organics, pine, moss, leaves, birch
753907	Central Grid-FM - Line 8		Sand - dark brown, No 10-40 with pebbles, organics, pine, moss, leaves, birch
753906	Central Grid-FM - Line 8		Sand - dark brown, No 10-40 with pebbles, organics, pine, moss, leaves, birch
753905	Central Grid-FM - Line 8		Sand - dark brown, No 10-40 with pebbles, organics, pine, moss, leaves, birch
753904	Central Grid-FM - Line 8		Sand - dark brown, No 10-40 with pebbles, organics, pine, moss, leaves, birch
753903	Central Grid-FM - Line 8		Sand - brown, No 40-200 with pebbles, pine, moss, leaves, birch
753902	Central Grid-FM - Line 8	On old logging road?	Sand - brown, No 40-200, overbrush, pine
753901	Central Grid-FM - Line 8		Sand - brown, No 40-200 with pebbles, organics, pine, mossy, leaves
753900	Central Grid-FM - Line 8		Sand - light brown, No 40-200 with pebbles, organics, pine, mossy, leaves
753899	Central Grid-FM - Line 8		Sand - light brown, No 40-200 with pebbles, organics, pine, mossy, leaves
753898	Central Grid-FM - Line 8		Sand - brown, No 40-200 with pebbles, pine, mossy, leaves
753897	Central Grid-FM -		Sand - brown, No 40-200 with pebbles, pine, mossy, leaves



Sample Number	Target	Field-Notes	Description
	Line 8		
753896	Central Grid-FM - Line 8		Sand - brown, No 40-200 with lots of pebbles, pine, mossy, leaves
753895	Central Grid-FM - Line 8		Sand - brown, No 40-200 with pebbles, pine, mossy, leaves
753894	Central Grid-FM - Line 8		Sand - brown, No 40-200 with pebbles, pine, mossy, leaves
753893	Central Grid-FM - Line 8		Sand - brown, No 40-200 with pebbles, pine, mossy, leaves
753892	Central Grid-FM - Line 8		Sand - brown, No 40-200 with few pebbles, pine, mossy, leaves
753891	Central Grid-FM - Line 8		Sand - brown, No 40-200, pine, mossy, dense brush, leaves
753890	Central Grid-FM - Line 8		Sand - brown, No 40-200, pine, mossy
753889	Central Grid-FM - Line 8		Sand - brown, No 40-200, pine, heavy overgrowth, pine needles
753888	Central Grid-FM - Line 8	Old road	Sand - brown, No 40-200, pebbles, organics, pine, spruce, poplar
753977	Central Grid-FM - Line 9		Silts and clays - grey, soft, liquid greater than 50, tall fern, thick brush
753978	Central Grid-FM - Line 9		Muddy sand - yellowish orange, wet, No 40-200, pebbles, organics, tall fern, thick brush
753979	Central Grid-FM - Line 9		Silts and Clays - light brown, liquid greater than 50, soft, tall fern, thick brush
753980	Central Grid-FM - Line 9		Silts and Clays - very light brown, liquid less than 50, tall fern, thick brush
753981	Central Grid-FM - Line 9		Sand - yellowish orange, No >200, moss, tall fern, thick brush



Sample Number	Target	Field-Notes	Description
753982	Central Grid-FM - Line 9		Sand to silts and clays - very light brown, No >200, birch, poplar, fern, balsam, on hill
753983	Central Grid-FM - Line 9		Sand - light brown, No >200, mossy, birch, pine
753984	Central Grid-FM - Line 9		Sand - yellowish orange, No >200, pine, birch, mossy
753985	Central Grid-FM - Line 9		Sand - yellowish orange, No >200, pine, birch, mossy
753986	Central Grid-FM - Line 9		Sand - yellowish orange, No >200, pine, birch, mossy
753987	Central Grid-FM - Line 9		Sand - yellowish orange, No >200, few pebbles, organics, pine, birch, mossy
753988	Central Grid-FM - Line 9		Sand - yellowish orange, No >200, leaves, mossy, pine, birch, balsam
753989	Central Grid-FM - Line 9		Sand - light brown, No >200, few pebbles, leaves, pine needles, mossy, pine, birch, balsam
753990	Central Grid-FM - Line 9	Near Kathlynd Lake Rd	Sand - light brown, No >200, few pebbles, leaves, pine needles, mossy, pine, birch, balsam
753991	Central Grid-FM - Line 9		Sand - yellow, No >200, mossy, pine, leaves
753992	Central Grid-FM - Line 9		Sand - yellow, No >200, pebbles, mossy, pine, leaves
753993	Central Grid-FM - Line 9		Sand - yellow, No >200, pine needles, fern, balsam, pine, mossy
753994	Central Grid-FM - Line 9	Old logging road	Sand - yellow, No >200, pine needles, fern, balsam, pine, mossy
753995	Central Grid-FM - Line 9	Old logging road	Sand - yellow, No >200, pine needles, fern, balsam, pine, mossy
753996	Central Grid-FM -	Old logging road	Sand - light brown, No >200, pine needles, fern, balsam, pine, mossy



Sample Number	Target	Field-Notes	Description
	Line 9		
753997	Central Grid-FM - Line 9		Sand - light brown, No >200, mossy, birch, balsam
753998	Central Grid-FM - Line 9		Sand - light brown, No 40-200, pebbles, mossy, birch, balsam
753999	Central Grid-FM - Line 9		Sand - light brown, No 40-200, pebbles, mossy, birch, balsam
754000	Central Grid-FM - Line 9		Sand - light brown, No 40-200, pebbles, mossy, birch, balsam
1431101	Central Grid-FM - Line 9		Sand - brown, No >200, few pebbles and organics, mossy, birch, balsam
1431102	Central Grid-FM - Line 9		Sand - brown, No 40-200, very few pebbles, mossy, birch, balsam
1431103	Central Grid-FM - Line 9		Sand - brown, No 40-200, pebbles and organics, mossy, birch, balsam, on hill
1431104	Central Grid-FM - Line 9		Sand - Brown, No 10-40, pebbles, mossy, birch, balsam
1431105	Central Grid-FM - Line 9		Sand - Brown, No 10-40, pebbles, mossy, birch, balsam
1431106	Central Grid-FM - Line 9		Sand - brown, No 10-40, organics and pebbles, on hill, leaves, spruce, birch, mossy, balsam
1431107	Central Grid-FM - Line 9		Sand - brown, No 10-40, organics and pebbles, on hill, leaves, spruce, birch, mossy, balsam
1431108	Central Grid-FM - Line 9		Sand - brown, No 40-200, organics and pebbles, on hill, leaves, spruce, birch, mossy, balsam
1431109	Central Grid-FM - Line 9		Sand - brown, No 10-40, pebbles and organics, leaves, spruce, birch, mossy, balsam
1431110	Central Grid-FM - Line 9		Sand - light brown, No 10-40 with few pebbles and organics, leaves, spruce, birch, mossy, balsam, on hill



Sample Number	Target	Field-Notes	Description
1431111	Central Grid-FM - Line 9		Sand - brown, No 10-40, pebbles and organics, top of hill, birch, balsam, pine, little moss
1431112	Central Grid-FM - Line 9		Sand - brown, No 4-10, pebbles and organics, moss, leaves, birch, pine
1431113	Central Grid-FM - Line 9		Sand - brown, No <4, lots of pebbles, organics, little moss, leaves, birch, pine, up hill
1431114	Central Grid-FM - Line 9		Sand - brown, No <4, lots of pebbles, organics, little moss, leaves, birch, pine, up hill
1431115	Central Grid-FM - Line 9		Sand - brown, No <4, few pebbles and organics, few boulders nearby, little moss, leaves, birch, pine, up hill
1431116	Central Grid-FM - Line 9		Sand - brown, No 40-200, pebbles and organics, top of hill, little moss, leaves, birch, pine
1431117	Central Grid-FM - Line 9		Sand - Brown, No 10-40, pebbles and few organics, scattered pine, lots of birch, leaves
1431118	Central Grid-FM - Line 9		Sand - light brown, No 4-10, lots of pebbles, few organics, birch, scattered pine
1431119	Central Grid-FM - Line 9		Sand - light brown, No 4-10, lots of pebbles, few organics, birch, scattered pine
1431120	Central Grid-FM - Line 9		Sand - light brown, No 4-10, lots of pebbles, few organics, birch, scattered pine
1431121	Central Grid-FM - Line 9		Sand - light brown, No 10-40, pine, birch, moss
1431122	Central Grid-FM - Line 9		Sand - light brown, No 10-40, pine, birch, moss
1431123	Central Grid-FM - Line 9		Sand - brown, No 10-40, pebbles and organics, wooded, birch, spruce, mossy, leafy
1431124	Central Grid-FM - Line 9		Sand - brown, No 10-40, pebbles and organics, wooded, birch, spruce, mossy, leafy
1431125	Central Grid-FM -		Sand - brown, No 4-10, few organics, wooded, birch, spruce, mossy, leafy



Sample Number	Target	Field-Notes	Description
	Line 9		
1431126	Central Grid-FM - Line 9		Sand - light brown, No 4-10, lots of pebbles and organics, wooded, birch, spruce, mossy, leafy
1431127	Central Grid-FM - Line 9		Sand - brown, pebbles and organics, No 4-10, wooded, spruce, mossy, birch, pine
1431128	Central Grid-FM - Line 9		Sand - brown, No 4-10, few organics, wooded, birch, spruce, mossy
1431129	Central Grid-FM - Line 9		Sand - yellowish orange, No 10-40, pebbles and few organics, wooded, birch, spruce, mossy
1431130	Central Grid-FM - Line 9		Sand - brown, No 4-10, wooded, birch, spruce, mossy
1431131	Central Grid-FM - Line 9		Sand - yellowish orange, No 4-10, pebbles and organics, wooded, birch, spruce, mossy
1431132	Central Grid-FM - Line 9		Sand - brown, No 4-10, pebbles and organics, birch, spruce, mossy
1431133	Central Grid-FM - Line 9		Sand - brown, No <4, organics, on slope, birch, spruce, mossy
1431134	Central Grid-FM - Line 9		Sand - brown, No 4-10, lots of pebbles and organics, birch, spruce, mossy, open, on slope
1431135	Central Grid-FM - Line 9		Sand - brown, No 10-40, few organics and pebbles, birch, spruce, mossy, open
1431136	Central Grid-FM - Line 9		Sand - brown, No 4-10, few organics and pebbles, birch, spruce, mossy
1431137	Central Grid-FM - Line 9		Sand - yellowish orange, No 4-10, flat, mossy, open, birch, spruce
1431138	Central Grid-FM - Line 9		Sand - brown, No 10-40, few pebbles, lots of organics, mossy, open, birch, spruce
1431139	Central Grid-FM - Line 9		Sand - Yellowish orange, No 10-40, few organics and pebbles, birch, spruce, mossy



Sample Number	Target	Field-Notes	Description
1431140	Central Grid-FM - Line 9		Sand - light brown, No 10-40, few organics, birch, spruce, mossy
1431141	Central Grid-FM - Line 9		Sand - yellowish orange, No 10-40, some pebbles, lots of spruce, birch, mossy
1431142	Central Grid-FM - Line 9		Sand - brown, No 40-200, some pebbles, brush, spruce
1431143	Central Grid-FM - Line 9		Sand - light brown, No 10-40, lots of organics, brush, mossy, spruce, slightly wooded birch, balsam
1431144	Central Grid-FM - Line 9		Sand - brown, No 10-40, lots of pebbles, brush, mossy, spruce, birch, balsam
1431145	Central Grid-FM - Line 9		Sand - Brown, No 10-40, pebbles and organics, wooded, bushy, mossy, spruce, birch, balsam
1431146	Central Grid-FM - Line 9	On very old road	Sand - Yellowish orange, No 40-200, few organics and pebbles, bushy, mossy, spruce, birch, balsam
1431147	Central Grid-FM - Line 9		Sand - brown, No 40-200, lots of organics and pebbles, bushy, mossy, spruce, birch, balsam
1431148	Central Grid-FM - Line 9		Sand - brown, No 4-10, pebbles, few organics, mossy, spruce, birch, balsam
1431149	Central Grid-FM - Line 9		Sand - light brown, No 4-10, pebbles, few organics, mossy, spruce, birch, balsam
1431150	Central Grid-FM - Line 9		Sand - brown, soft, No 40-200 with pebbles and organics, dense brush, poplar, leaves, moss
1431151	Central Grid-FM - Line 9		Sand - brown, No 10-40, pebbles and organics, pine, mossy, birch, dense
1431152	Central Grid-FM - Line 9		Sand - brown, No 10-40, few pebbles and organics, pine, mossy, birch, dense
1431153	Central Grid-FM - Line 9		Sand - brown, No 10-40, pebbles and organics, pine, mossy, birch, dense
1431154	Central Grid-FM -		Sand - brown, No 10-40, pebbles and organics, pine, mossy, birch, dense



Sample Number	Target	Field-Notes	Description
	Line 9		
1431155	Central Grid-FM - Line 9		Sand - brown, No 40-200, lots of pebbles, organics, pine, mossy, birch, dense
1431156	Central Grid-FM - Line 9		Sand - brown, No 40-200, lots of pebbles, organics, pine, mossy, birch, dense
1431157	Central Grid-FM - Line 9		Sand - brown, No 40-200, pebbles, organics, pine, mossy, birch, dense
1431158	Central Grid-FM - Line 9		Sand - brown, No 40-200, pebbles and organics, pine, mossy, birch, dense
1431159	Central Grid-FM - Line 9		Sand - Brown, No 4-10 but mostly pebbles, organics, very high, mossy, birch, dense
n/a	Central Grid-FM - Line 9	Skipped - On steep slope with thick brush	
n/a	Central Grid-FM - Line 9	Skipped - On steep slope with thick brush	
1431160	Central Grid-FM - Line 10		Sand - brown, No 40-200, pebbles, few organics, mossy, pine
1431161	Central Grid-FM - Line 10		Sand - brown, No 40-200, pebbles, organics, birch, few pine, leaves
1431162	Central Grid-FM - Line 10		Sand - brown, No 40-200, birch, few pine, leaves
1431163	Central Grid-FM - Line 10		Silts and Clays - grey, hard to medium, liquid less than 50, few pine, leaves, birch
1431164	Central Grid-FM - Line 10		Silts and Clays - grey, hard to medium, liquid less than 50, few pine, leaves, birch
1431165	Central Grid-FM - Line 10		Silts and Clays - grey, hard to medium, liquid less than 50, few pine, leaves, birch



Sample Number	Target	Field-Notes	Description
1431166	Central Grid-FM - Line 10		Silts and Clays - grey, hard, liquid less than 50, few pine, leaves, birch
1431167	Central Grid-FM - Line 10		Silts and Clays - grey, hard, liquid less than 50, organics, few pine, leaves, birch
1431168	Central Grid-FM - Line 10		Silts and Clays - grey, hard, liquid less than 50, few pine, leaves, birch
1431169	Central Grid-FM - Line 10		Silts and Clays - grey, hard, liquid less than 50, few pine, leaves, birch
1431170	Central Grid-FM - Line 10		Silts and Clays - grey, hard, liquid less than 50, organics, few pine, leaves, birch
1431171	Central Grid-FM - Line 10		Silts and Clays - grey, hard, liquid less than 50, few pine, leaves, birch
1431172	Central Grid-FM - Line 10	On side of road in swampy ditch	Sand - dark brown, No 10-40, moist, small pebbles, some organics
1431173	Central Grid-FM - Line 10	Sample moved from road	Sand - brown, No 40-200, organics, brush, birch, open
1431174	Central Grid-FM - Line 10		Sand - brown, No 40-200 with No 10-40, pebbles, brush, birch
1431175	Central Grid-FM - Line 10	On edge of gravel pit	Sand - brown, No 40-200, few organics, pebbles
n/a	Central Grid-FM - Line 10	Skipped - In gravel pit	
n/a	Central Grid-FM - Line 10	Skipped - In gravel pit	
n/a	Central Grid-FM - Line 10	Skipped - In gravel pit	
n/a	Central Grid-FM - Line 10	Skipped - In gravel pit	



Sample Number	Target	Field-Notes	Description
1431176	Central Grid-FM - Line 10	On side of gravel pit	Sand - light brown, No >200
1431177	Central Grid-FM - Line 10		Sand - brown to yellowish sand, No >200 with a few pebbles, leafy ground, spruce, birch
1431178	Central Grid-FM - Line 10		Sand - yellowish orange, No >200, few organics, ferns, leafy ground, spruce, birch
1431179	Central Grid-FM - Line 10	Probably past activity in area	Sand - Yellowish orange, No >200, rocky terrain, leafy
1431180	Central Grid-FM - Line 10		Sand - Yellowish orange, No >200, few pebbles, leafy ground, poplar, spruce
1431181	Central Grid-FM - Line 10		Sand - Yellowish orange, No >200, very few pebbles and organics, on hill, leafy ground, poplar, spruce
1431182	Central Grid-FM - Line 10	Near outcrop	Clayey gravels, gravel - sand-clay mixtures
1431183	Central Grid-FM - Line 10		Well graded sands - gravelly sands, little or no fines
1431184	Central Grid-FM - Line 10		Poorly graded gravels, gravel - sand mixtures, little or no fines
1431185	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431186	Central Grid-FM - Line 10	On outcrop	Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431187	Central Grid-FM - Line 10	On outcrop, 1 m overburden	Well-graded Gravels, gravel-sand mixtures, little or no fines, pebbly
1431188	Central Grid-FM - Line 10		Well-graded Gravels, gravel-sand mixtures, little or no fines, pebbly
1431189	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines



Sample Number	Target	Field-Notes	Description
1431190	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431191	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431192	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures, numerous boulders
1431193	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431194	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines, pebbly
1431195	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines, pebbly
1431196	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines, very pebbly with fines
1431197	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431198	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431199	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431200	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431201	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431202	Central Grid-FM - Line 10	Taken on outcrop, 0.5 m overburden	Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431203	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines



Sample Number	Target	Field-Notes	Description
1431204	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431205	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431206	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431207	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431208	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431209	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431210	Central Grid-FM - Line 10		Well-graded sands, gravelly sands, little or no fines
1431211	Central Grid-FM - Line 10		Well-graded sands, gravelly sands, little or no fines
1431212	Central Grid-FM - Line 10		Well-graded sands, gravelly sands, little or no fines
1431213	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431214	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431215	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431216	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines, pebbly
1431217	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431218	Central Grid-FM -		Poorly - graded gravels, gravel - sand mixtures, little or no fines



Sample Number	Target	Field-Notes	Description
	Line 10		
1431219	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines, pebbly
1431220	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431221	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines, somewhat damp
1431222	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431223	Central Grid-FM - Line 10		Well-graded sands, gravelly sands, little or no fines
1431224	Central Grid-FM - Line 10	Moderate swampy pond	Silty - Sands, sand - silt mixtures
1431225	Central Grid-FM - Line 10		Silty - Sands, sand - silt mixtures
1431226	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431227	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431228	Central Grid-FM - Line 10	Near outcrop	Silty gravels, gravel - sand - silt mixtures
n/a	Central Grid-FM - Line 10	Sample skipped - All outcrop	
n/a	Central Grid-FM - Line 10	Sample skipped - All outcrop and swamp	
1431229	Central Grid-FM - Line 10		Clayey gravels, gravel-sand-clay mixtures



Sample Number	Target	Field-Notes	Description
1431230	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431231	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431232	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431233	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431234	Central Grid-FM - Line 10		Well-graded sands, gravelly sands, little or no fines
1431235	Central Grid-FM - Line 10		Silty - Sands, sand - silt mixtures
1431236	Central Grid-FM - Line 10		Well-graded sands, gravelly sands, little or no fines
1431237	Central Grid-FM - Line 10		Well-graded sands, gravelly sands, little or no fines
1431238	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431239	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431240	Central Grid-FM - Line 10	Near outcrop	Silty gravels, gravel - sand - silt mixtures
1431241	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431242	Central Grid-FM - Line 10		Silty gravels, gravel - sand - silt mixtures
1431243	Central Grid-FM - Line 10		Poorly - graded gravels, gravel - sand mixtures, little or no fines



Sample Number	Target	Field-Notes	Description
1431244	Central Grid-FM - Line 10	Taken on side of logging road	Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431252	Central Grid-FM - Line 11		Well-graded Gravels, gravel-sand mixtures, little or no fines
1431253	Central Grid-FM - Line 11	0.5 m of overburden on outcrop	Well-graded sands, gravelly sands, little or no fines
1431254	Central Grid-FM - Line 11		Silty gravels, gravel - sand - silt mixtures
1431255	Central Grid-FM - Line 11		Well-graded Gravels, gravel-sand mixtures, little or no fines
1431256	Central Grid-FM - Line 11		Well-graded Gravels, gravel-sand mixtures, little or no fines
1431257	Central Grid-FM - Line 11		Silty gravels, gravel - sand - silt mixtures, bouldery terrain and lots of birch
1431258	Central Grid-FM - Line 11	Near gravel pit	Well-graded Gravels, gravel-sand mixtures, little or no fines
1431259	Central Grid-FM - Line 11		Silty gravels, gravel - sand - silt mixtures
1431260	Central Grid-FM - Line 11	Near gravel pit	Silty gravels, gravel - sand - silt mixtures
1431261	Central Grid-FM - Line 11		Clayey gravels, gravel-sand-clay mixtures
1431262	Central Grid-FM - Line 11		Silty - Sands, sand - silt mixtures, near boulders
1431263	Central Grid-FM - Line 11	Near outcrop	Well-graded Gravels, gravel-sand mixtures, little or no fines
1431264	Central Grid-FM - Line 11		Well-graded Gravels, gravel-sand mixtures, little or no fines



Sample Number	Target	Field-Notes	Description
1431265	Central Grid-FM - Line 11		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431266	Central Grid-FM - Line 11		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431267	Central Grid-FM - Line 11		Silty gravels, gravel - sand - silt mixtures, with 10% water
1431268	Central Grid-FM - Line 11		Well-graded sands, gravelly sands, little or no fines, medium grained sand
1431269	Central Grid-FM - Line 11		Well-graded sands, gravelly sands, little or no fines, medium grained sand
1431270	Central Grid-FM - Line 11		Well-graded sands, gravelly sands, little or no fines, medium grained sand
1431271	Central Grid-FM - Line 11		Well-graded sands, gravelly sands, little or no fines, medium grained sand
1431272	Central Grid-FM - Line 11		Silty gravels, gravel - sand - silt mixtures, coarse grained sands, mainly poplar trees
1431273	Central Grid-FM - Line 11	Swampy	Well-graded sands, gravelly sands, little or no fines, medium grained sands
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Beaver pond	
n/a	Central Grid-FM - Line 11	Beaver pond	
n/a	Central Grid-FM - Line 11	Beaver pond	
n/a	Central Grid-FM - Line 11	Beaver pond	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
n/a	Central Grid-FM - Line 11	Swamp - skipped sample	
1431274	Central Grid-FM - Line 11		Well-graded sands, gravelly sands, little or no fines, medium grained sands, 30-40% water
1431275	Central Grid-FM - Line 11		Well-graded sands, gravelly sands, little or no fines, medium grained sands, 5-10% water, on slope, mainly spruce trees
1431276	Central Grid-FM - Line 11	Sample taken on outcrop - 0.2 m overburden	Silty - Sands, sand - silt mixtures
1431277	Central Grid-FM - Line 11		Silty gravels, gravel - sand - silt mixtures
1431278	Central Grid-FM - Line 11		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431279	Central Grid-FM - Line 11	Sample taken on outcrop - 0.3 m overburden	Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431280	Central Grid-FM - Line 11	On side of logging road	Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431281	Central Grid-FM - Line 11		Well-graded sands, gravelly sands, little or no fines



Sample Number	Target	Field-Notes	Description
1431282	Central Grid-FM - Line 11		Well-graded sands, gravelly sands, little or no fines
1431283	Central Grid-FM - Line 11	0.3 m of overburden	Well-graded sands, gravelly sands, little or no fines
1431284	Central Grid-FM - Line 11		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431285	Central Grid-FM - Line 11		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431286	Central Grid-FM - Line 11		Well-graded sands, gravelly sands, little or no fines
1431287	Central Grid-FM - Line 11		Silty gravels, gravel - sand - silt mixtures
1431288	Central Grid-FM - Line 11	Near outcrop	Silty - Sands, sand - silt mixtures
1431289	Central Grid-FM - Line 11	Sample taken on outcrop	Silty - Sands, sand - silt mixtures
1431290	Central Grid-FM - Line 11		Silty - Sands, sand - silt mixtures
1431291	Central Grid-FM - Line 11	Near outcrop	Silty - Sands, sand - silt mixtures
1431292	Central Grid-FM - Line 11	On slope of outcrop	Silty - Sands, sand - silt mixtures
1431293	Central Grid-FM - Line 11		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431294	Central Grid-FM - Line 11		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431295	Central Grid-FM - Line 11		Poorly - graded gravels, gravel - sand mixtures, little or no fines
1431296	Central Grid-FM -		Poorly - graded gravels, gravel - sand mixtures, little or no fines



Sample Number	Target	Field-Notes	Description
	Line 11		
1431297	Central Grid-FM - Line 11		Well-graded sands, gravelly sands, little or no fines
1431298	Central Grid-FM - Line 11		Well-graded sands, gravelly sands, little or no fines
1431299	Central Grid-FM - Line 11		Well-graded Gravels, gravel-sand mixtures, little or no fines
1431300	Central Grid-FM - Line 11		Well-graded sands, gravelly sands, little or no fines
1431301	Central Grid-FM - Line 11		Silty - Sands, sand - silt mixtures
1431251	Central Grid-FM - Line 11		Clayey sands, sand - clay mixtures
1431250	Central Grid-FM - Line 11		Clayey sands, sand - clay mixtures
1431249	Central Grid-FM - Line 11		Clayey sands, sand - clay mixtures
1431248	Central Grid-FM - Line 11		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
1431247	Central Grid-FM - Line 11		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
1431246	Central Grid-FM - Line 11		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
1431245	Central Grid-FM - Line 11		Organic silts and organic silty clays of low plasticity?
1431302	Central Grid-FM - Line 12		Sand - grey brown, wet, No 10-40, wooded area, moss, black spruce
1431303	Central Grid-FM - Line 12		Sand - grey brown, wet, No 10-40, wet underground, wooded area, moss, black spruce



Sample Number	Target	Field-Notes	Description
1431304	Central Grid-FM - Line 12	Somewhat swampy	Sand - grey to black, wet, No 10-40, organics, tag alders, little balsam, birch
1431305	Central Grid-FM - Line 12	Somewhat swampy	Sand - grey to black, wet, No 10-40, organics, tag alders, little balsam, birch
1431306	Central Grid-FM - Line 12	Somewhat swampy	Sand - grey, wet, No 10-40, tag alders, little balsam, birch
1431307	Central Grid-FM - Line 12	Somewhat swampy	Sand - grey, wet, No 10-40, tag alders, little balsam, birch
1431308	Central Grid-FM - Line 12	Somewhat swampy	Sand clay mix - light brown, high liquid content, mossy, black spruce
1431309	Central Grid-FM - Line 12		Sand - light brown, No >200, very wet, birch, black spruce
1431310	Central Grid-FM - Line 12		Sand - brown, very wet, No 10-40, birch, black spruce
1431311	Central Grid-FM - Line 12		Silts and clays - light brown to grey, liquid less than 50, birch, black spruce
1431312	Central Grid-FM - Line 12		Sand - yellowish orange, No 40-200, slight hill, birch, black spruce
1431313	Central Grid-FM - Line 12		Sand - yellowish orange, No 40-200, very few pebbles and organics, slight hill, birch, black spruce
1431314	Central Grid-FM - Line 12		Sand - brown, No 10-40, few pebbles, birch, black spruce
1431315	Central Grid-FM - Line 12		Sand - yellowish orange, No 10-40 with pebbles, birch, black spruce, slight hill
1431316	Central Grid-FM - Line 12		Sand - yellowish orange, No 10-40 with pebbles, birch, black spruce, slight hill
1431317	Central Grid-FM - Line 12		Sand - brown, No 40-200, soft, next to outcrop



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 12	On outcrop - skipped sample	
1431318	Central Grid-FM - Line 12		Clay - light brown to yellowish orange, liquid less than 50, leaves, ferns, birch, poplar, cedar
1431319	Central Grid-FM - Line 12		Sand - brown, No 40-200, few pebbles, ferns, birch, poplar, cedar
1431320	Central Grid-FM - Line 12		Sand - brown, No 10-40 with pebbles, poplar, balsam, spruce, birch, mossy
1431321	Central Grid-FM - Line 12		Clay and sand - Light brown to grey, liquid greater than 50, organics and few pebbles, poplar, balsam, spruce, birch, mossy
1431322	Central Grid-FM - Line 12	Moved due to outcrop - sample taken directly above bedrock	Silty - Sands, sand - silt mixtures all pebbles, poplar, balsam, spruce, birch, mossy
1431323	Central Grid-FM - Line 12	Near outcrop - moved sample	Sand clay mix - light brown to grey, slightly wet, poplar, balsam, spruce, birch, mossy
1431324	Central Grid-FM - Line 12		Sandy clay - yellowish orange, liquid less than 50, poplar, balsam, spruce, birch, mossy
1431325	Central Grid-FM - Line 12	Near outcrop, might be bad sample due to layer	Sand - dark brown, No 40-200, several pebbles, at bottom of hill, poplar, balsam, spruce, birch, mossy
1431326	Central Grid-FM - Line 12		Sand/clay - light brown to yellowish orange, No >200, liquid is approximately equal to 50, poplar, balsam, spruce, birch, mossy
1431327	Central Grid-FM - Line 12		Very fine sand to silt - light brown, No >200, liquid less than 50, spongy ground, balsam, poplar, birch, mossy, spruce
1431328	Central Grid-FM -		Sand to silt - light brown, moist, No >200, poplar, spruce, cedar, fern, mossy



Sample Number	Target	Field-Notes	Description
	Line 12		
1431329	Central Grid-FM - Line 12		Sand - light brown, No 40-200, few pebbles, poplar, spruce, cedar, fern, mossy
1431330	Central Grid-FM - Line 12		Clay - grey, liquid less than 50, medium to soft, marshy ground, spruce, birch
1431331	Central Grid-FM - Line 12		Sand - very muddy, No 10-40, wet, few pebbles and organics
1431332	Central Grid-FM - Line 12		Sand - brown, No 40-200, pebbles, wet, slight hill
1431333	Central Grid-FM - Line 12		Sand - brown, No 40-200, soft, pebbles, organics, mossy, spruce, birch
1431334	Central Grid-FM - Line 12		Silty - Sands, sand - silt mixture all pebbles sized No 4-10, very mossy, spruce, birch
1431335	Central Grid-FM - Line 12		Sand - brownish orange, No 40-200, on hill, soft, few pebbles
1431336	Central Grid-FM - Line 12		Sand - brownish orange, No 10-40, pebbles, wet, mossy, balsam, spongy ground, spruce, at bottom of hill
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	
n/a	Central Grid-FM - Line 12	In swamp - skipped sample	
1431337	Central Grid-FM - Line 12		Sand - brown to yellowish orange, soft, No >200, pebbles, on hill, birch, balsam, cedar, mossy, pine
1431338	Central Grid-FM - Line 12		Sand - dark brown, No 40-200, pebbles, organics, on hill, birch, balsam, cedar, mossy, pine
1431339	Central Grid-FM - Line 12		Sand - dark brown, No 40-200, pebbles, organics, top of hill, birch, balsam, cedar, mossy, pine
1431340	Central Grid-FM - Line 12		Sand - dark brown, No 40-200, pebbles, organics, top of hill, birch, balsam, cedar, mossy, pine



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 12	On outcrop - skipped sample	
n/a	Central Grid-FM - Line 12	On outcrop - skipped sample	
n/a	Central Grid-FM - Line 12	On outcrop - skipped sample	
1431341	Central Grid-FM - Line 12		Sand - dark brown, No 40-200, few pebbles, organics, on hill, mossy, dense brush, birch, pine
1431342	Central Grid-FM - Line 12		Sand - dark brown, No 40-200, few pebbles, organics, on hill, mossy, dense brush, birch, pine
1431343	Central Grid-FM - Line 12	Old logging road	Sand - dark brown, wet, No 10-40, few pebbles
1431344	Central Grid-FM - Line 12	Old logging road	Sand - light brown, No 10-40, few pebbles
1431345	Central Grid-FM - Line 12		Silty - Sands, sand - silt mixtures all pebbles, birch, spruce, cedar, moss
1431346	Central Grid-FM - Line 12		Silty - Sands, sand - silt mixtures all pebbles, birch, spruce, cedar, moss
1431347	Central Grid-FM - Line 12		Sand - yellowish orange, No 40-200, pebbles, birch, spruce, cedar, moss
1431348	Central Grid-FM - Line 12		Sand - brown, No 10-40, cedar, birch, spruce, leafy, moss
1431349	Central Grid-FM - Line 12		Sand - light brown, No 40-200, slightly wet, few birch, spruce, moss, cedar
1431350	Central Grid-FM - Line 12		Sand - light brown to grey, No 40-200 or finer, very few pebbles, birch, spruce, moss, cedar
1431351	Central Grid-FM - Line 12		Sand - light brown to grey, No 40-200, very few pebbles, birch, spruce, moss, cedar



Sample Number	Target	Field-Notes	Description
1431352	Central Grid-FM - Line 12	Next to outcrop	Silts and clays - dark brown, moderate to soft, liquid less than 50, organics, birch, spruce, moss, cedar
1431353	Central Grid-FM - Line 12	Sample taken directly above bedrock	Clay/organic mixture - dark brown, soft, liquid approximately equal to 50, birch, spruce, moss, cedar
1431354	Central Grid-FM - Line 12		Sand - light brown, No 40-200, organics, birch, spruce, moss, cedar
1431355	Central Grid-FM - Line 12		Sand - light brown, No >200, birch, spruce, moss, cedar
1431356	Central Grid-FM - Line 12		Sand - light brown, No >200, birch, spruce, moss, cedar, few organics, surrounding boulders
1431357	Central Grid-FM - Line 12		Clay - light grey, hard, liquid less than 50, very few organics, birch, spruce, moss, cedar
1431358	Central Grid-FM - Line 12		Silty - Sands, sand - silt mixtures all slope, birch, spruce, moss, cedar
1431359	Central Grid-FM - Line 12	Swampy	Sandy wet organics - dark brown, cedar, birch, spruce
1431360	Central Grid-FM - Line 12	Swampy	Sand clay mix - grey, soft, liquid much greater than 50, cedar, birch, spruce
1431361	Central Grid-FM - Line 12	Swampy	Sand clay mix - grey, soft, liquid much greater than 50, cedar, birch, spruce
1431362	Central Grid-FM - Line 12	Swampy	Sandy clay - grey brown, liquid greater than 50, wet, few cedar and birch trees, few organics
1431363	Central Grid-FM - Line 12	Swampy	Clay - grey, hard to moderate, liquid less than 50, few cedar and birch
1431364	Central Grid-FM - Line 12	Swampy	Clay - grey, hard, liquid less than 50, few cedar and birch
1431365	Central Grid-FM - Line 12	Swampy	Organic layer - top layer, dark brown, soft, brush, little cedar, spruce



Sample Number	Target	Field-Notes	Description
1431366	Central Grid-FM - Line 12	Swampy	Sample is of all organics
n/a	Central Grid-FM - Line 12	Swampy - skipped sample	
n/a	Central Grid-FM - Line 12	Swampy - skipped sample	
n/a	Central Grid-FM - Line 12	Swampy - skipped sample	
n/a	Central Grid-FM - Line 12	Swampy - skipped sample	
1431420	Central Grid-FM - Line 13		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity - light grey
1431419	Central Grid-FM - Line 13		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays - light grey
1431418	Central Grid-FM - Line 13		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays - light grey
1431417	Central Grid-FM - Line 13		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays - light grey
1431416	Central Grid-FM - Line 13		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays - light grey
1431415	Central Grid-FM - Line 13		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays - light grey
1431414	Central Grid-FM - Line 13		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays - light grey
1431413	Central Grid-FM - Line 13		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays - light grey
1431412	Central Grid-FM - Line 13		Inorganic clays of high plasticity, fat clays - dark grey



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
1431411	Central Grid-FM - Line 13		Organic clays of medium to high plasticity, organic silts, dark grey
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
1431410	Central Grid-FM - Line 13		Organic clays of medium to high plasticity, organic silts
1431409	Central Grid-FM - Line 13		Inorganic clays of high plasticity, fat clays - dark grey
1431408	Central Grid-FM - Line 13		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays - dark grey
1431407	Central Grid-FM - Line 13		Inorganic clays of high plasticity, fat clays
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
1431406	Central Grid-FM - Line 13		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
1431405	Central Grid-FM - Line 13		Well - graded sands, gravelly sands, little or no fines
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
1431404	Central Grid-FM - Line 13		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
1431403	Central Grid-FM - Line 13		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
1431402	Central Grid-FM - Line 13		Clayey sands, sand - clay mixtures
1431401	Central Grid-FM - Line 13		Silty sand - yellowish orange
1431400	Central Grid-FM - Line 13		Sand - yellowish orange
1431399	Central Grid-FM - Line 13		Sandy silt - medium grey
1431398	Central Grid-FM - Line 13	Near outcrop	Sandy silt
n/a	Central Grid-FM - Line 13	On outcrop - skipped sample	
n/a	Central Grid-FM - Line 13	On outcrop - skipped sample	



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 13	On outcrop - skipped sample	
1431397	Central Grid-FM - Line 13	Swamp	Clay - grey blue, very hard, liquid less than 50, few organics, open area, dead trees
1431396	Central Grid-FM - Line 13	Swamp	Clay - grey, very hard, liquid less than 50, few organics, open area, dead trees
1431395	Central Grid-FM - Line 13	Swamp	Silt - grey, soft, liquid greater than 50, few organics, lowland, cedar, birch
1431394	Central Grid-FM - Line 13		Sand - light brown, No >200, very slighty moist, on hill, birch, cedar, spruce
1431393	Central Grid-FM - Line 13		Sand - light brown, No >200, very slighty moist, on hill, birch, cedar, spruce
1431392	Central Grid-FM - Line 13		Silt - light brown, liquid less than 50, soft, birch, cedar, spruce
1431391	Central Grid-FM - Line 13		Silt - light brown, liquid greater than 50, organics, lower ground, birch, cedar, spruce
1431390	Central Grid-FM - Line 13		Sand - light brown, No 40-200, moist, birch, cedar, spruce
1431389	Central Grid-FM - Line 13		Sand clay mix - light brown, No 10-40, liquid less than 50, on hill, birch, cedar, spruce
1431388	Central Grid-FM - Line 13		Sand - yellowish orange, No 40-200, very few organics, pebbles, on hill, pine, brush, birch
1431387	Central Grid-FM - Line 13		Sand - yellowish orange, No 40-200, lots of organics, very few pebbles, pine, brush, birch
1431386	Central Grid-FM - Line 13		Sand - yellowish orange, No 40-200, very few organics and pebbles, pine, brush, birch
1431385	Central Grid-FM - Line 13		Sand - yellowish orange, No 40-200, very few organics, pine, brush, birch
1431384	Central Grid-FM -		Sand - yellowish orange, No 40-200, pine, brush, birch



Sample Number	Target	Field-Notes	Description
	Line 13		
1431383	Central Grid-FM - Line 13		Sand - yellowish orange, No 40-200, on hill, boulders, birch, balsam, spruce, mossy, shrubs
1431382	Central Grid-FM - Line 13		Sand - brown mixed with grey sand, No 40-200, shrubs, birch, balsam, spruce, mossy
1431381	Central Grid-FM - Line 13		Sand - yellowish orange, No 10-40, few pebbles and organics, shrubs, birch, balsam, spruce, mossy
1431380	Central Grid-FM - Line 13		Sand - yellowish orange, No 10-40, pebbles and few organics, cedar, birch, moss, spruce, dense brush
1431379	Central Grid-FM - Line 13		Sand - yellowish orange, No 40-200, cedar, birch, moss, spruce, dense brush
1431378	Central Grid-FM - Line 13		Sand - brown, No 10-40, very wet, organics and pebbles, cedar, birch, moss, spruce
1431377	Central Grid-FM - Line 13		Sand - brown, No 10-40, wet, organics and pebbles, cedar, birch, moss
1431376	Central Grid-FM - Line 13		Sand - light brown, No 40-200, moist, few pebbles, spruce, poplar, mossy, boulders, birch
1431375	Central Grid-FM - Line 13		Silts and clays - very light brown, soft, liquid less than 50, spruce, poplar, mossy, boulders, birch
1431374	Central Grid-FM - Line 13		Sand - brown to yellowish orange, No 10-40, lots of pebbles and organics, spruce, poplar, mossy, boulders, birch
1431373	Central Grid-FM - Line 13		Sand - brown, No >200, lots of pebbles and organics, spruce, poplar, mossy, boulders, birch
1431372	Central Grid-FM - Line 13		Sand - brown, No >200, lots of pebbles and organics, spruce, poplar, mossy, boulders, birch
n/a	Central Grid-FM - Line 13	On outcrop - skipped sample	



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 13	In swamp - skipped sample	
1431439	Central Grid-FM - Line 14	Might be missing?	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
1431438	Central Grid-FM - Line 14		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
1431437	Central Grid-FM - Line 14		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
1431436	Central Grid-FM - Line 14		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
1431435	Central Grid-FM - Line 14		Silty - sands, sand - silt mixtures
1431434	Central Grid-FM - Line 14		Organic silts and organic silty clays of low plasticity
1431433	Central Grid-FM - Line 14		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
1431432	Central Grid-FM - Line 14		Clayey sands, sand - clay mixtures
1431431	Central Grid-FM - Line 14		Organic silts and organic silty clays of low plasticity
1431430	Central Grid-FM - Line 14		Silty - sands, sand - silt mixtures - yellowish orange
1431429	Central Grid-FM - Line 14		Organic silts and organic silty clays of low plasticity - light grey
1431428	Central Grid-FM - Line 14		Organic silts and organic silty clays of low plasticity - light grey
1431427	Central Grid-FM - Line 14		Organic silts and organic silty clays of low plasticity - light grey
1431426	Central Grid-FM -		Organic silts and organic silty clays of low plasticity - light grey



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
1431421	Central Grid-FM - Line 14		Inorganic silts, micaceous or diatomaceous fine sand or silty soils - yellowish orange
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
1431440	Central Grid-FM - Line 14		Clay - grey, organics, hard, liquid less than 50, tag alder, balsam, poplar, mossy
1431441	Central Grid-FM - Line 14		Clay - grey, hard, liquid less than 50, tag alder, balsam, poplar, mossy, birch, spruce
1431442	Central Grid-FM -		Sand - yellowish orange, No >200, cedar, birch, balsam, poplar, mossy, spruce



Sample Number	Target	Field-Notes	Description
	Line 14		
1431443	Central Grid-FM - Line 14		Sandy silt - grey, No >200, liquid much less than 50, soft, cedar, birch, balsam, poplar, mossy, spruce, fern
1431444	Central Grid-FM - Line 14		Silty clay - grey, liquid less than 50, hard, cedar, birch, balsam, poplar, mossy, spruce, fern
1431445	Central Grid-FM - Line 14		Clay - grey, hard, liquid less than 50, cedar, birch, balsam, poplar, mossy, spruce, fern
1431446	Central Grid-FM - Line 14		Clay - grey, hard, liquid less than 50, few organics, cedar, birch, balsam, poplar, mossy, spruce, fern
1431447	Central Grid-FM - Line 14		Clay - grey, hard, liquid less than 50, few organics, cedar, birch, balsam, poplar, mossy, spruce, fern
1431448	Central Grid-FM - Line 14		Sand clay mix, light brown, No >200, hard, liquid less than 50, cedar, birch, balsam, poplar, mossy, spruce, fern
1431449	Central Grid-FM - Line 14		Silty clay - grey, liquid less than 50, hard, fern, balsam, poplar, cedar
1431450	Central Grid-FM - Line 14		Silty clay - grey, liquid less than 50, hard, fern, balsam, poplar, cedar
1431451	Central Grid-FM - Line 14		Clay - grey, liquid much less than 50, hard, fern, balsam, poplar, cedar
1431452	Central Grid-FM - Line 14		Clay - grey, liquid less than 50, hard, fern, balsam, poplar, cedar
1431453	Central Grid-FM - Line 14		Clay - grey, liquid approximately 40%, moderate hardness, few organics, somewhat wet, open ground, brush
1431454	Central Grid-FM - Line 14		Sandy silt - yellowish orange, moist, moderate to soft, No >200, few organics, up slope little, pine
1431455	Central Grid-FM - Line 14		Sand - brownish orange, No >200, pebbles and organics, on hill, pine, poplar, balsam, mossy
1431456	Central Grid-FM -	On volcanic outcrop	Sand clay mix - dark brown, No 40-200, directly above bedrock, organics, cedar, moss, pine



Sample Number	Target	Field-Notes	Description
	Line 14		
n/a	Central Grid-FM - Line 14	On outcrop - skipped sample	
n/a	Central Grid-FM - Line 14	On outcrop - skipped sample	
1431457	Central Grid-FM - Line 14		Sandy silt - grey, No 40-200, liquid less than 50, few organics, cedar, moss, pine, birch, poplar, on hill
1431458	Central Grid-FM - Line 14		Sandy silty clay - greyish blue, No 40-200, organics, liquid approximately 50, bottom of hill, near swamp, pine, cedar, birch, mossy
1431459	Central Grid-FM - Line 14	Swampy	Clay - dark grey, liquid approximately 50, hard, organics, mostly open, few brush, high marsh
1431460	Central Grid-FM - Line 14	Swampy	Clay - hard to moderate, liquid approximately 50, few organics, mostly open, few brush, high marsh
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
1431461	Central Grid-FM - Line 14	On edge of swamp	Clay - grey, hard to moderate, liquid approximately 50, tamarack, tag alder
1431462	Central Grid-FM - Line 14		Sandy clay - light brown to yellowish orange, organics, hard, liquid less than 50, mossy, balsam, poplar, tamarack
1431463	Central Grid-FM - Line 14		Silt - brown, moderate to soft, liquid approximately 50, on bottom of hill, mossy, balsam, poplar, tamarack
1431464	Central Grid-FM - Line 14	On outcrop	Sand - brown, No 40-200, directly above bedrock, pebbles and lots of organics, pine, poplar, birch, moss, balsam
1431465	Central Grid-FM - Line 14	On outcrop	Sand - brown, No 40-200, lots of organics, pine, poplar, birch, moss, balsam
1431466	Central Grid-FM - Line 14	On outcrop	Sand - light brown, No 40-200, few organics, birch, poplar, balsam, pine, moss



Sample Number	Target	Field-Notes	Description
1431467	Central Grid-FM - Line 14	On outcrop	Sand - brown, No 40-200, few pebbles, few organics, birch, poplar, balsam, pine, moss
1431468	Central Grid-FM - Line 14		Sand - brown, No 40-200, pebbles and organics, on hill, birch, poplar, balsam, pine, moss
1431469	Central Grid-FM - Line 14		Sand - light brown, No 40-200, pebbles, organics, moist, on hill, birch, poplar, balsam, pine, moss
1431470	Central Grid-FM - Line 14		Sandy silt - light brown to yellowish orange, wet, No 40-200, birch, poplar, balsam, pine, moss
1431471	Central Grid-FM - Line 14		Sand - yellowish orange, No 40-200, moist, birch, spruce, balsam, open wooded
1431472	Central Grid-FM - Line 14		Sand - yellowish orange, No 40-200, birch, spruce, balsam, open wooded, mossy
1431473	Central Grid-FM - Line 14		Sand - yellowish orange, No 40-200, lots of pebbles, birch, spruce, balsam, open wooded, mossy
1431474	Central Grid-FM - Line 14		Sand - yellowish orange, No 40-200, pebbles, birch, spruce, balsam, open wooded, mossy
1431475	Central Grid-FM - Line 14		Sand - yellowish orange, No 40-200, few pebbles, birch, spruce, balsam, open wooded, mossy
1431476	Central Grid-FM - Line 14		Sand - yellowish orange, No 40-200, few pebbles, birch, spruce, balsam, open wooded, mossy
1431477	Central Grid-FM - Line 14		Sand - yellowish orange, No 40-200, few pebbles, birch, spruce, balsam, open wooded, mossy
1431478	Central Grid-FM - Line 14		Sand - yellowish orange, No 40-200, few pebbles, birch, spruce, balsam, open wooded, mossy
1431479	Central Grid-FM - Line 14	Next to old road	Sand - brown, No 40-200, organics, birch, spruce, balsam, open wooded, mossy
1431480	Central Grid-FM - Line 14		Sand - yellowish orange, No 10-40 and 40-200, few organics, birch, balsam, pine, mossy, spruce, open wooded
1431481	Central Grid-FM -		Sand - brown, No 40-200, very few pebbles, birch, balsam, pine, mossy, spruce, open wooded



Sample Number	Target	Field-Notes	Description
	Line 14		
1431482	Central Grid-FM - Line 14		Sand - yellowish orange, No 40-200, pebbles, birch, balsam, pine, mossy, spruce, open wooded
1431483	Central Grid-FM - Line 14		Sand - Light brown, No >200, birch, balsam, pine, mossy, spruce, open wooded
1431484	Central Grid-FM - Line 14		Sand - light brown, No 10-40, pebbles and few organics, birch, balsam, pine, mossy, spruce, open wooded
1431485	Central Grid-FM - Line 14	Near outcrop	Sand - brown, No 40-200, organics, downhill, birch, balsam, pine, mossy, spruce
1431486	Central Grid-FM - Line 14		Sand - light brown, No >200, pebbles, downhill, birch, balsam, pine, mossy, spruce
1431487	Central Grid-FM - Line 14	On old road	Sand - light brown, No 40-200, spruce, birch, mossy, balsam
1431488	Central Grid-FM - Line 14		Sand - yellowish orange, No 40-200 with pebbles, on hill, spruce, birch, mossy, balsam
1431489	Central Grid-FM - Line 14		Sand - brown, No 40-200, moist, on hill, balsam, spruce, birch, mossy
1431490	Central Grid-FM - Line 14	Somewhat swampy	Sand - grey, No 40-200 with 10-40, wet, spruce, moss, birch, few cedar, lowland, spongy ground
1431491	Central Grid-FM - Line 14	Somewhat swampy	Clay - light brown, liquid approximately 50, moderate hardness, moss, birch, few cedar, lowland, spongy ground
1431492	Central Grid-FM - Line 14	Somewhat swampy	Silty clay - grey black, liquid greater than 50, moderate to soft, organics, moss, birch, few cedar, lowland, spongy ground
1431493	Central Grid-FM - Line 14	Swampy	Mud - dark grey to black, organics, soft, liquid greater than 50, lots of cedar, birch, moss
1431494	Central Grid-FM - Line 14	Somewhat swampy	Muddy clay - liquid greater than 50, dark grey to black, organics, mossy, cedar, birch
1431495	Central Grid-FM -	Somewhat swampy	Clay - blue grey, hard, liquid less than 50, organics, mossy, cedar, birch



Sample Number	Target	Field-Notes	Description
	Line 14		
1431496	Central Grid-FM - Line 14	Somewhat swampy	Clay - blue grey, hard, liquid less than 50, organics, mossy, cedar, birch
1431497	Central Grid-FM - Line 14	Swampy	Clay - light brown, liquid less than 50, hard, organics, mossy, cedar, birch, fern
1431498	Central Grid-FM - Line 14	Swampy	Clay - light brown, liquid less than 50, hard, organics, mossy, cedar, birch, fern
1431499	Central Grid-FM - Line 14	Swamp	Clay - light brown, liquid approximately 50, open, dead trees, birch
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
n/a	Central Grid-FM - Line 14	In swamp - skipped sample	
1431580	Central Grid-FM - Line 15		Clay - grey, liquid less than 50, organics, grown over open field
1431581	Central Grid-FM - Line 15		Clay - grey, liquid less than 50, organics, grown over open field
1431582	Central Grid-FM - Line 15		Clay - grey, liquid less than 50, organics, grown over open field
1431583	Central Grid-FM - Line 15		Sand - No 10-40, grown over open field
1431584	Central Grid-FM - Line 15		Sand - No 10-40, grown over open field, slightly wooded



Sample Number	Target	Field-Notes	Description
1431585	Central Grid-FM - Line 15		Sandy clay - grey, wooded
1431586	Central Grid-FM - Line 15		Clay - grey, hard, liquid less than 50, wooded
1431587	Central Grid-FM - Line 15		Clay - grey, hard, liquid less than 50, wooded
1431588	Central Grid-FM - Line 15		Clay - grey, hard, liquid less than 50, wooded
1431589	Central Grid-FM - Line 15		Clay - grey, liquid less than 50, few organics, hard, wooded
1431590	Central Grid-FM - Line 15		Clay - hard, liquid less than 50, wooded
1431591	Central Grid-FM - Line 15		Clay - hard, dry, few organics, wooded, mossy
1431592	Central Grid-FM - Line 15		Clay - liquid less than 50, wet, wooded, mossy
1431593	Central Grid-FM - Line 15		Sandy clay - liquid less than 50, few organics, wooded, mossy, poplar, balsam
1431594	Central Grid-FM - Line 15		Clay - grey, hard, liquid is approximately 30-40, wooded, mossy, swampy
1431595	Central Grid-FM - Line 15		Sandy clay - liquid approximately 30-40, medium hardness, wooded, mossy, swampy
1431596	Central Grid-FM - Line 15	Somewhat swampy	Sandy clay - liquid approximately 50, medium to hard, wooded
1431597	Central Grid-FM - Line 15	Somewhat swampy	Sandy clay - liquid approximately 50, medium to hard, wooded
1431598	Central Grid-FM - Line 15		Sand - light grey, No 40-200, few organics, moist, at bottom of hill, wooded



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 15	Marsh/swamp - skipped sample	
n/a	Central Grid-FM - Line 15	Marsh/swamp - skipped sample	
n/a	Central Grid-FM - Line 15	Marsh/swamp - skipped sample	
n/a	Central Grid-FM - Line 15	Marsh/swamp - skipped sample	
n/a	Central Grid-FM - Line 15	Marsh/swamp - skipped sample	
1431601	Central Grid-FM - Line 15	Marsh/swamp	Clay - dark grey to blue, liquid is approximately 50, moderate hardness
1431602	Central Grid-FM - Line 15	At edge of marsh/swamp	Clay - blueish, liquid greater than 50
1431603	Central Grid-FM - Line 15		Sandy clay - gray, liquid less than 50, soft, higher ground, pine, mossy, spruce
1431604	Central Grid-FM - Line 15		Sandy clay - light brown, organics, liquid less than 50, soft, higher ground, pine, mossy, spruce
1431605	Central Grid-FM - Line 15		Sandy clay - light brown, organics, liquid greater than 50, soft, higher ground, pine, mossy, spruce, fern
1431606	Central Grid-FM - Line 15		Clayey sand - light brown, No >200, pine, mossy, spruce, fern
1431607	Central Grid-FM - Line 15		Sandy clay - moderate hardness, grey, liquid less than 50, pine, mossy, spruce, fern, birch
1431608	Central Grid-FM - Line 15		Clay - light brown, hard, liquid less than 50, brush, birch
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
n/a	Central Grid-FM - Line 15	Swampy/dam - skipped sample	
1431520	Central Grid-FM - Line 15		Sandy
1431519	Central Grid-FM - Line 15	Scarce sample	Sandy silt, with organics
n/a	Central Grid-FM - Line 15	All organics - no sample	
1431518	Central Grid-FM - Line 15		Sandy silt
1431516	Central Grid-FM - Line 15		Sand - light grey, fine grained
1431517	Central Grid-FM - Line 15		Sand - light grey, fine grained
1431515	Central Grid-FM - Line 15		Silty - sands, sand - silt mixtures
1431514	Central Grid-FM - Line 15		Sand - light brown, No 40-200, poplar, some pine, lots of brush, little birch
1431513	Central Grid-FM - Line 15		Sand - light brown, No 10-40, poplar, some pine, lots of brush, little birch
1431512	Central Grid-FM - Line 15		Sandy clay - light grey, liquid less than 50, No >200, moderate hardness, poplar, some pine, lots of brush, little birch



Sample Number	Target	Field-Notes	Description
1431511	Central Grid-FM - Line 15		Sandy clay - light grey, liquid less than 50, No >200, moderate hardness, poplar, some pine, lots of brush, little birch
1431510	Central Grid-FM - Line 15		Sandy clay - light grey, liquid less than 50, No >200, moderate hardness, poplar, some pine, lots of brush, little birch
1431509	Central Grid-FM - Line 15		Sand - light brown, No 10-40 with some 4-10, birch, mossy, balsam, spruce, pine
1431508	Central Grid-FM - Line 15		Sand clay - hard, liquid less than 50, light brown, birch, mossy, balsam, spruce, pine
1431507	Central Grid-FM - Line 15		Sand - yellowish orange to brown, No 40-200, birch, mossy, balsam, spruce, pine
1431506	Central Grid-FM - Line 15		Sand - yellowish orange, No 40-200, birch, mossy, balsam, spruce, pine
1431505	Central Grid-FM - Line 15		Sand - brown, No 10-40, lots of pebbles and organics, bouldery, several birch, pine, spruce, moss
1431504	Central Grid-FM - Line 15		Sand - brown, No 10-40, lots of pebbles and organics, bouldery, several birch, pine, spruce, moss
1431503	Central Grid-FM - Line 15		Sand - light brown, No 40-200, lots of organics, bouldery, several birch, pine, spruce, moss
1431502	Central Grid-FM - Line 15	Near road	Sand - yellowish orange, No 40-200, few pebbles, organics, birch, spruce, pine, mossy
1431501	Central Grid-FM - Line 15	On old road	Sand - brown, No 40-200, few pebbles, birch, spruce, pine, mossy
1431500	Central Grid-FM - Line 15		Sand - brown, No 40-200, birch, spruce, pine, mossy
1431654	Central Grid-FM - Line 16		Sand - light brown, No >200, birch, brush, pine
1431655	Central Grid-FM - Line 16		Sand - light brown, No >200, open area, brush



Sample Number	Target	Field-Notes	Description
1431656	Central Grid-FM - Line 16		Sand - light brown, No >200, open area, brush
1431657	Central Grid-FM - Line 16		Sandy clay - light gray, liquid less than 50, hard, open area, brush
1431658	Central Grid-FM - Line 16	Old logged area	Sandy clay - light gray, liquid less than 50, hard, open area, brush, few organics
1431659	Central Grid-FM - Line 16		Sandy clay - light gray, liquid less than 50, hard, open area, brush
1431660	Central Grid-FM - Line 16		Sandy clay - light gray, liquid less than 50, hard, open area, brush, few organics
1431661	Central Grid-FM - Line 16		Clay - light brown, hard, liquid less than 50, open area, brush
1431662	Central Grid-FM - Line 16		Clay - light brown, hard, liquid less than 50, open area, brush
1431663	Central Grid-FM - Line 16		Clay - light gray, hard, liquid less than 50, open area, brush
1431664	Central Grid-FM - Line 16		Clay - light gray, hard, liquid less than 50, open area, brush, mossy, pine
1431665	Central Grid-FM - Line 16		Clay - light gray, hard, liquid less than 50, open area, brush, mossy, pine
1431666	Central Grid-FM - Line 16		Sandy Clay - light gray, hard, liquid less than 50, open area, brush, mossy, pine
1431667	Central Grid-FM - Line 16		Sandy Clay - light gray, hard, liquid less than 50, open area, brush, mossy, pine
1431653	Central Grid-FM - Line 16		Clay - light grey, hard, liquid less than 50, birch, brush, spruce, pine, open area
1431652	Central Grid-FM - Line 16		Clay - light grey, hard, liquid less than 50, birch, brush, spruce, pine, open area
1431651	Central Grid-FM -		Clay - light grey, hard, liquid less than 50, birch, brush, spruce, pine, open area



Sample Number	Target	Field-Notes	Description
	Line 16		
1431650	Central Grid-FM - Line 16		Clay - light grey, hard, liquid less than 50, birch, brush, spruce, pine, open area
1431649	Central Grid-FM - Line 16		Sandy Clay - light grey, hard, liquid less than 50, birch, brush, spruce, pine, open area
1431648	Central Grid-FM - Line 16		Clay - light grey, hard, liquid less than 50, birch, brush, spruce, pine, open area
1431647	Central Grid-FM - Line 16		Clay - light brown, liquid less than 50, soft, open area, birch, brush, spruce, pine
1431646	Central Grid-FM - Line 16		Clay - light brown, liquid less than 50, soft, open area, birch, brush, spruce, pine
1431645	Central Grid-FM - Line 16		Sandy silt - light grey to brown, liquid less than 50, soft, open area, birch, brush
1431644	Central Grid-FM - Line 16		Sand - light brown to yellowish orange, moist, No >200
1431643	Central Grid-FM - Line 16		Sandy clay - light brown, liquid less than 50, moderate hardness, brush, scattered pine and birch
1431642	Central Grid-FM - Line 16		Sandy clay - light grey, soft, liquid less than 50, No >200, lots of brush, organics, pine, poplar, birch
1431641	Central Grid-FM - Line 16		Sandy clay - light grey, soft, liquid less than 50, No >200, pine, poplar, birch
1431640	Central Grid-FM - Line 16		Sandy clay - light grey, soft, liquid less than 50, No >200, on bottom of hill, pine, poplar, birch
1431639	Central Grid-FM - Line 16		Sand - light brown, No >200, pine, spruce, cedar, mossy
1431638	Central Grid-FM - Line 16		Silty clay - light brown to grey, liquid less than 50, soft, pine, spruce, cedar, mossy
1431637	Central Grid-FM - Line 16		Sand - yellowish orange, No >200, pine, spruce, cedar, mossy



Sample Number	Target	Field-Notes	Description
1431636	Central Grid-FM - Line 16		Sandy clay - light grey, moderate to soft, liquid less than 50, pine, spruce, cedar, mossy
1431635	Central Grid-FM - Line 16		Sandy clay - light grey, moderate to soft, liquid less than 50, pine, spruce, cedar, mossy
1431634	Central Grid-FM - Line 16		Sandy clay - light grey, moderate to soft, liquid less than 50, pine, spruce, cedar, mossy
1431633	Central Grid-FM - Line 16		Sandy clay - liquid less than 50, moderate hardness, light grey to light brown, pine, spruce, cedar, top of hill, mossy
1431632	Central Grid-FM - Line 16		Clayey sand - light brown, No >200, cedar, pine, mossy, on hill
1431631	Central Grid-FM - Line 16	Next to beaver pond	Clay - grey, soft, liquid approximately 20, cedar, pine, mossy, on hill
1431630	Central Grid-FM - Line 16	Bottom of hill next to beaver pond	Clay - grey, soft, liquid 40-50, cedar, pine
1431629	Central Grid-FM - Line 16		Sandy clay - gray, liquid less than 50, hard, pine, spruce, poplar, mossy, birch, on hill
1431628	Central Grid-FM - Line 16		Sandy clay - gray, liquid less than 50, hard, pine, spruce, poplar, mossy
1431627	Central Grid-FM - Line 16		Clay - grey brown, hard, liquid slightly less than 50, few organics, poplar, cedar, birch, pine, mossy
1431626	Central Grid-FM - Line 16		Clay - grey brown, hard, liquid less than 50, few organics, poplar, cedar, birch, pine, mossy
1431625	Central Grid-FM - Line 16		Silty clay - light grey, liquid less than 50, hard, poplar, cedar, birch, pine, mossy, somewhat open
1431624	Central Grid-FM - Line 16		Sandy silt - brown, No >200, soft, liquid greater than 50, poplar, cedar, birch, pine, mossy, somewhat open
1431623	Central Grid-FM - Line 16		Silty sand - light brown, moist, No >200, somewhat open, poplar, cedar, pine, mossy



Sample Number	Target	Field-Notes	Description
1431622	Central Grid-FM - Line 16		Sand - light brown, moist, No >200, somewhat open, poplar, cedar, pine, mossy
1431621	Central Grid-FM - Line 16		Sandy clay - light grey, soft, No >200, liquid less than 50, poplar, cedar, pine, mossy
1431620	Central Grid-FM - Line 16		Sandy clay - moderate, liquid less than 50, organics, light grey, cedar, pine, spruce, birch
1431619	Central Grid-FM - Line 16		Sandy clay - moderate, liquid less than 50, organics, light grey, cedar, pine, spruce
1431618	Central Grid-FM - Line 16		Sandy clay - hard to moderate, liquid less than 50, light grey, cedar, pine, spruce
1431617	Central Grid-FM - Line 16		Silty sand - light brown, No >200, moderate to soft, cedar, pine, spruce
1431616	Central Grid-FM - Line 16		Clay - light brown, hard, liquid less than 50, pine, fern, birch, poplar
1431615	Central Grid-FM - Line 16		Silty sand - light brown, No >200, soft, pine, fern, birch, poplar
1431614	Central Grid-FM - Line 16		Silty sand - light brown, No >200, soft, pine, fern, birch, poplar
1431613	Central Grid-FM - Line 16		Clay - dark grey - blue, soft, liquid approximately 50, cedar, spruce, pine, mossy, somewhat wet ground
n/a	Central Grid-FM - Line 16	Swampy - skipped sample	
n/a	Central Grid-FM - Line 16	Swampy - skipped sample	
n/a	Central Grid-FM - Line 16	Swampy - skipped sample	
n/a	Central Grid-FM - Line 16	Swampy - skipped sample	



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 16	In water - skipped sample	
n/a	Central Grid-FM - Line 16	In water - skipped sample	
n/a	Central Grid-FM - Line 16	In water - skipped sample	
n/a	Central Grid-FM - Line 16	In water - skipped sample	
n/a	Central Grid-FM - Line 16	In water - skipped sample	
1431528	Central Grid-FM - Line 16		Sand - light grey, fine grained
1431527	Central Grid-FM - Line 16		Sand - light grey with organics
1431526	Central Grid-FM - Line 16		Sand - fine grained
1431525	Central Grid-FM - Line 16		Sand - light grey with orange tint
1431524	Central Grid-FM - Line 16		Sand - orange
1431523	Central Grid-FM - Line 16		Sand - reddish orange
1431522	Central Grid-FM - Line 16		Sand
1431521	Central Grid-FM - Line 16		Sand
1431529	Central Grid-FM - Line 16		Sand



Sample Number	Target	Field-Notes	Description
1431531	Central Grid-FM - Line 16		Silty sand
1431530	Central Grid-FM - Line 16		Silt
1431532	Central Grid-FM - Line 16		Silt
1431533	Central Grid-FM - Line 16		Silt
1431534	Central Grid-FM - Line 16		Silt
1431535	Central Grid-FM - Line 16		Silt
1431536	Central Grid-FM - Line 16		Sand - orangeish red
1431537	Central Grid-FM - Line 16		Sand - orangeish red
1431538	Central Grid-FM - Line 16		Sand - orange
1431539	Central Grid-FM - Line 16		Sand - orange, fine grained
1431540	Central Grid-FM - Line 16		Orange and pebbly
1431541	Central Grid-FM - Line 16		Silty sand - orange
1431542	Central Grid-FM - Line 16		Sand - orange
1431668	Central Grid-FM - Line 17	Swampy lowland	Clay - brown to gray, moderate to soft, liquid equal to 50, surrounded by pine and brush
1431669	Central Grid-FM -	Swampy lowland	Clay - brown to gray, moderate to soft, liquid equal to 50, few organics, surrounded by pine and brush



Sample Number	Target	Field-Notes	Description
	Line 17		
1431670	Central Grid-FM - Line 17	Swampy lowland	Clay - light brown, hard, liquid less than 50, fern, birch
1431671	Central Grid-FM - Line 17	Swampy lowland	Clay - light brown, liquid equal to 50, moderate to soft, organics, few birch
1431672	Central Grid-FM - Line 17	Swampy lowland	Clay - light blue to gray, soft, liquid greater than 50, brush, birch, pine
1431673	Central Grid-FM - Line 17	Swampy lowland	Clay - light brown, liquid less than 50, soft, brush, birch, pine
1431674	Central Grid-FM - Line 17	Swampy lowland	Silty clay - brown, soft, liquid equal to 50
1431675	Central Grid-FM - Line 17	Swampy lowland	Silty clay - brown, soft, liquid equal to 50
1431676	Central Grid-FM - Line 17	Swampy lowland	Clay - light brown, moderate to hard, liquid less than 50, organics
1431677	Central Grid-FM - Line 17	Swampy lowland	Clay - light brown, moderate to hard, liquid less than 50, organics
1431678	Central Grid-FM - Line 17	Swampy lowland	Clay - light brown to blue, moderate hardness, liquid less than 50
1431679	Central Grid-FM - Line 17	Swampy lowland	Sandy clay - dark grey, liquid approximately 40, soft, organics
1431680	Central Grid-FM - Line 17	Swampy lowland	Sandy clay - brown, liquid approximately 40, soft, organics
1431681	Central Grid-FM - Line 17	Swampy lowland	Clay - grey blue, soft, liquid equal to 50, organics
1431682	Central Grid-FM - Line 17	Swampy lowland	Clay - light gray to bluw, soft, liquid equal to 50, organics, some brush
1431683	Central Grid-FM - Line 17	Swampy lowland	Sandy clay - grey bluw, moderate to hard, liquid equal to 50, organics, on edge of water, brush



Sample Number	Target	Field-Notes	Description
1431684	Central Grid-FM - Line 17	Swampy lowland	Clay - light brown, moderate hardness, liquid less than 50, organics, some brush, pine, birch
1431685	Central Grid-FM - Line 17	Swampy lowland	Sandy silty clay - brown, soft, liquid greater than 50, organics, tall marshy grass
1431686	Central Grid-FM - Line 17	Swampy lowland	Sandy silty clay - brown, soft, liquid greater than 50, organics, tall marshy grass
1431687	Central Grid-FM - Line 17	In beaver pond - moved	Clayey sand - light gray, No >200
1431688	Central Grid-FM - Line 17	Next to beaver pond	Silty clay - light brown, liquid less than 50, moderate to soft, few organics, pine, birch
1431689	Central Grid-FM - Line 17	Slightly swampy	Sandy clay - light brown, hard, liquid less than 50, birch, brush, pine, fern
1431690	Central Grid-FM - Line 17		Silty clay - light brown to gray, liquid greater than 50, moderate hardness, hilly, mossy, pine, fern, birch, brush
1431691	Central Grid-FM - Line 17		Sand - light brown, No >200, few organics, top of hill, birch, few pine
1431692	Central Grid-FM - Line 17		Clayey sand - light brown, No >200, moss, birch, poplar, pine
1431693	Central Grid-FM - Line 17		Sandy clay - light brown, liquid less than 50, hard, moss, birch, poplar, pine
1431694	Central Grid-FM - Line 17		Silty clay - brown, soft, liquid equal to 50, tall fern, pine, little moss, birch, poplar
1431695	Central Grid-FM - Line 17		Sand - brown, wet, No >200, pine, poplar
1431696	Central Grid-FM - Line 17		Sand - brown, No >200, pine, poplar, birch
1431697	Central Grid-FM - Line 17	Near outcrop	Clayey sand - brown, No >200, cedar, mossy, poplar, pine, birch



Sample Number	Target	Field-Notes	Description
1431705	Central Grid-FM - Line 17		Clay - light gray, hard to moderate, liquid less than 50, pine, birch, brush, moss
1431706	Central Grid-FM - Line 17		Clay - light brown, hard, liquid less than 50, pine, birch, brush, moss
1431707	Central Grid-FM - Line 17	Swampy	Clay - moderate to soft, light gray, liquid greater than 50, cedar, pine, mossy
1431708	Central Grid-FM - Line 17	Swampy	Clay - light gray, liquid less than 50, moderate to hard
1431709	Central Grid-FM - Line 17	Slightly swampy	Sand - light brown, No >200, very wet, birch, moss, pine
1431710	Central Grid-FM - Line 17	Near lake	Sand - yellowish orange, No >200, birch, moss, pine
1431711	Central Grid-FM - Line 17	Swampy - At edge of water	Sand - olive to light gray, No 40-200 with few pebbles, pine
n/a	Central Grid-FM - Line 17	In lake	
n/a	Central Grid-FM - Line 17	In lake	
n/a	Central Grid-FM - Line 17	In lake	
n/a	Central Grid-FM - Line 17	In lake	
1431565	Central Grid-FM - Line 17		Silt - light grey
1431564	Central Grid-FM - Line 17		Silty sand - reddish orange
1431563	Central Grid-FM - Line 17		Silty sand - reddish orange
1431562	Central Grid-FM -		Sand - fine grained



Sample Number	Target	Field-Notes	Description
	Line 17		
1431561	Central Grid-FM - Line 17		Silt - light grey
1431560	Central Grid-FM - Line 17		Silt
1431559	Central Grid-FM - Line 17		Clayey silt
1431558	Central Grid-FM - Line 17		Clayey silt
1431557	Central Grid-FM - Line 17		Silt - light grey
1431556	Central Grid-FM - Line 17		Clayey silt
1431555	Central Grid-FM - Line 17		Silt
1431554	Central Grid-FM - Line 17		Clayey silt
1431553	Central Grid-FM - Line 17		Sand to silt - fine grained
1431552	Central Grid-FM - Line 17		Sand to silt - light grey, fine grained
1431551	Central Grid-FM - Line 17		Silty sand - fine grained
1431550	Central Grid-FM - Line 17		Sand - fine grained with minor pebbles
1431549	Central Grid-FM - Line 17		Sand - orangeish brown
1431548	Central Grid-FM - Line 17		Sand - brown, gravelly



Sample Number	Target	Field-Notes	Description
1431547	Central Grid-FM - Line 17		Sand - silty and gravelly
1431546	Central Grid-FM - Line 17		Sandy gravelly silt with organics
1431545	Central Grid-FM - Line 17		Silty - organics with pebbles
1431544	Central Grid-FM - Line 17		Sand - brown with organics
1431543	Central Grid-FM - Line 17		Sand - light grey
1431797	Central Grid-FM - Line 18		Silt
1431796	Central Grid-FM - Line 18		Silt
1431795	Central Grid-FM - Line 18		Clayey silt
1431794	Central Grid-FM - Line 18		Silt
1431793	Central Grid-FM - Line 18		Silty clay
1431792	Central Grid-FM - Line 18		Clay
1431791	Central Grid-FM - Line 18		Silt - organics
1431790	Central Grid-FM - Line 18		Silty clay
1431789	Central Grid-FM - Line 18		Silty clay
1431788	Central Grid-FM -		Silty clay



Sample Number	Target	Field-Notes	Description
	Line 18		
1431787	Central Grid-FM - Line 18		Silty clay
1431786	Central Grid-FM - Line 18		Silt
1431785	Central Grid-FM - Line 18		Silty clay
1431784	Central Grid-FM - Line 18		Clay
1431783	Central Grid-FM - Line 18		Clay
1431782	Central Grid-FM - Line 18		Clay
1431781	Central Grid-FM - Line 18		Clay
1431780	Central Grid-FM - Line 18		Clay
1431779	Central Grid-FM - Line 18		Clayey silt
1431732	Central Grid-FM - Line 18		Sandy clay - light gray, hard, liquid less than 50, birch, lowland, mossy, few pine
1431731	Central Grid-FM - Line 18		Sandy clay - light gray, hard, liquid less than 50, birch, lowland, mossy, few pine
1431730	Central Grid-FM - Line 18		Sandy clay - light gray, hard, liquid less than 50, birch, lowland, mossy
1431729	Central Grid-FM - Line 18		Clayey sand - gray, No 40-200, moist, lower ground, pine, poplar, birch
1431728	Central Grid-FM - Line 18	At base of outcrop	Sand - light brown, No >200, slightly wet, birch, poplar, pine



Sample Number	Target	Field-Notes	Description
1431727	Central Grid-FM - Line 18	On side of outcrop	Sand - brown, No >200, few pebbles and organics, scattered birch and pine, mossy
1431726	Central Grid-FM - Line 18	On outcrop	Sand - light brown, No >200, pebbles and organics, scattered birch and pine, mossy
1431725	Central Grid-FM - Line 18		Sand - brown, No 40-200, pebbles and organics, scattered birch and pine, mossy
1431724	Central Grid-FM - Line 18		Sand - light brown, No 40-200, scattered birch and pine, mossy
1431723	Central Grid-FM - Line 18		Sand - yellowish orange, No 40-200, scattered birch and pine, mossy
1431722	Central Grid-FM - Line 18		Sand - yellowish orange, No 40-200, scattered birch and pine, mossy
1431721	Central Grid-FM - Line 18		Sand - brown, No 40-200, pine, fern, brush, poplar, birch
1431720	Central Grid-FM - Line 18		Sand - yellowish orange, No 40-200, pine, fern, brush, poplar, birch
1431719	Central Grid-FM - Line 18		Sand - yellowish orange, No 40-200, birch, pine, moss, birch
1431718	Central Grid-FM - Line 18		Sand - yellowish orange, No >200, birch, pine, moss, birch
1431717	Central Grid-FM - Line 18		Sand - yellowish orange, No >200, birch, pine, moss
1431716	Central Grid-FM - Line 18		Sand - brown, No >200, birch, pine, moss
1431715	Central Grid-FM - Line 18		Sand - yellowish orange, No >200, top of hill, birch, pine, moss
1431714	Central Grid-FM - Line 18		Sand - brown, No >200, on hill, birch, pine, moss
1431713	Central Grid-FM -		Sand - brown, No >200, brush, pine, spruce, cedar, moss



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 18	In swamp - skipped sample	
n/a	Central Grid-FM - Line 18	In swamp - skipped sample	
n/a	Central Grid-FM - Line 18	In swamp - skipped sample	
n/a	Central Grid-FM - Line 18	In swamp - skipped sample	
n/a	Central Grid-FM - Line 18	In swamp - skipped sample	
n/a	Central Grid-FM - Line 18	In swamp - skipped sample	
n/a	Central Grid-FM - Line 18	In swamp - skipped sample	
n/a	Central Grid-FM - Line 18	In swamp - skipped sample	
n/a	Central Grid-FM - Line 18	In swamp - skipped sample	
n/a	Central Grid-FM - Line 18	In swamp - skipped sample	
1431567	Central Grid-FM - Line 18		Clay
1431566	Central Grid-FM - Line 18		Silty clay - light grey
1431568	Central Grid-FM - Line 18		Silty clay - light grey
1431569	Central Grid-FM - Line 18		Silty clay
1431570	Central Grid-FM -		Silty clay



Sample Number	Target	Field-Notes	Description
	Line 18		
1431571	Central Grid-FM - Line 18		Silt
1431572	Central Grid-FM - Line 18		Silty clay
1431733	Central Grid-FM - Line 19		Silty sand
1431734	Central Grid-FM - Line 19		Clayey silt
1431735	Central Grid-FM - Line 19		Clayey silt
1431736	Central Grid-FM - Line 19		Clayey silt
1431737	Central Grid-FM - Line 19		Clayey silt
1431738	Central Grid-FM - Line 19		Silty clay
1431739	Central Grid-FM - Line 19		Silty clay
1431740	Central Grid-FM - Line 19		Clayey silt
1431741	Central Grid-FM - Line 19		Silty clay
1431742	Central Grid-FM - Line 19		Clay
1431743	Central Grid-FM - Line 19		Clay
1431744	Central Grid-FM - Line 19		Clay



Sample Number	Target	Field-Notes	Description
1431745	Central Grid-FM - Line 19		Clay
1431746	Central Grid-FM - Line 19		Clay
1431747	Central Grid-FM - Line 19		Silty clay
1431748	Central Grid-FM - Line 19		Silty clay
1431749	Central Grid-FM - Line 19		Silty clay
1431750	Central Grid-FM - Line 19		Clay
1431751	Central Grid-FM - Line 19		Clay
1431752	Central Grid-FM - Line 19		Silty clay
1431753	Central Grid-FM - Line 19		Sand
1431754	Central Grid-FM - Line 19		Silt
1431755	Central Grid-FM - Line 19		Clayey silt - light grey
1431756	Central Grid-FM - Line 19		Sand - orange to light gray
1431757	Central Grid-FM - Line 19		Sand - brown
1431758	Central Grid-FM - Line 19		Silt - organics and some pebbles
1431759	Central Grid-FM -		Sand



Sample Number	Target	Field-Notes	Description
	Line 19		
1431760	Central Grid-FM - Line 19		Sand
1431761	Central Grid-FM - Line 19		Sand - orange to brown
1431762	Central Grid-FM - Line 19		Sand - orange to brown
1431763	Central Grid-FM - Line 19		Silty Sand - dark gray
1431764	Central Grid-FM - Line 19		Sand - orange to gray
1431765	Central Grid-FM - Line 19		Sand - orange
1431766	Central Grid-FM - Line 19		Sand - light gray
1431767	Central Grid-FM - Line 19		Sand
1431768	Central Grid-FM - Line 19		Sand - orange
1431769	Central Grid-FM - Line 19		Sand - gray
1431770	Central Grid-FM - Line 19		Sand - orange
1431771	Central Grid-FM - Line 19		Sand - orange
1431772	Central Grid-FM - Line 19		Sand - orange
1431773	Central Grid-FM - Line 19		Sand - orange



Sample Number	Target	Field-Notes	Description
n/a	Central Grid-FM - Line 19	In swamp - skipped sample	
n/a	Central Grid-FM - Line 19	In swamp - skipped sample	
n/a	Central Grid-FM - Line 19	In swamp - skipped sample	
n/a	Central Grid-FM - Line 19	In swamp - skipped sample	
n/a	Central Grid-FM - Line 19	In swamp - skipped sample	
n/a	Central Grid-FM - Line 19	In swamp - skipped sample	
n/a	Central Grid-FM - Line 19	In swamp - skipped sample	
n/a	Central Grid-FM - Line 19	In swamp - skipped sample	
n/a	Central Grid-FM - Line 19	In swamp - skipped sample	
1431579	Central Grid-FM - Line 19		Silty and sandy
1431578	Central Grid-FM - Line 19		Silt - light grey
1431577	Central Grid-FM - Line 19		Sand
1431576	Central Grid-FM - Line 19		Sand
1431575	Central Grid-FM - Line 19		Sand - light grey
1431574	Central Grid-FM - Line 19		Sand - brown



Sample Number	Target	Field-Notes	Description
1431573	Central Grid-FM - Line 19		Sand - brown



Appendix III Work Schedule and Costs

Work Performed			
Date From	Date To	Description	Cost
June 14, 2012	July 15, 2012	Geologists Consulting Fees	\$20,763.75
June 14, 2012	July 15, 2012	Geotechnician Fees	\$1,260.00
October 9, 2012	October 17, 2012	Professional Fees	\$1,260.00
<i>Total</i>			\$23,283.75

Travel & Equipment			
Date From	Date To	Description	Cost
June 14 2012	July 15, 2012	Truck Rental	\$2,060.00
June 14, 2012	July 15, 2012	Extra kilometers	\$506.25
June 14, 2012	July 15, 2012	Fuel	\$313.73
June 14, 2012	July 15, 2012	Expenses	\$997.77
June 14, 2012	July 15, 2012	Flights	\$1,173.47
June 14, 2012	July 15, 2012	Soil Sampling equipment	\$70.00
<i>Total</i>			\$5,121.22

Food & Accommodation			
Date From	Date To	Description	Cost
June 14, 2012	July 15, 2012	Food	\$1,205.33
<i>Total</i>			\$1,205.33

Other			
Date From	Date To	Description	Cost
June 14, 2012	July 15, 2012	Assays	\$26,371.80
<i>Total</i>			\$26,371.80

GRAND TOTAL	\$55,982.10
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