ASSESSMENT REPORT
ON
GEOCHEMICAL WORK
ON THE FOLLOWING CLAIMS

668165-167 INCL.
668170-71 INCL.
668173
668183

COLLECTIVELY THE
"YELLOW CHRIS" PROPERTY

STATEMENT OF WORK #5462510

LOCATED 6.5 KM EAST OF ISKUT, BC, LIARD MINING DISTRICT

57 degrees 51 minutes latitude
129 degrees 52 minutes longitude

N.T.S. #s: 104H.011 and 104H.012

PROJECT PERIOD: July 26th to September 3, 2013

ON BEHALF OF
TEUTON RESOURCES CORP.
VANCOUVER, B.C.

REPORT BY

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Victoria, B.C.
V8R 1G1

Date: October 23, 2013

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1. INTRODUCTION

A. Property, Location, Access and Physiography

The Yellow Chris property is located in northwest British Columbia (see Figure 1), approximately 6.5 kilometers to the east of Iskut, BC.

The nearest gravel airstrip is located in Iskut. Northern Thunderbird Air currently has scheduled service on Monday, Wednesday and Friday to the Dease Lake airport and the Bob Quinn airstrip, located 111km south of Iskut along Highway 37.

Access to the Yellow Chris claims is obtainable by truck or car using Highway 37 which passes close to the western boundary of the property. Access to the upper portions of the area can be gained by helicopter from one of the seasonal helicopter bases stationed in Iskut.

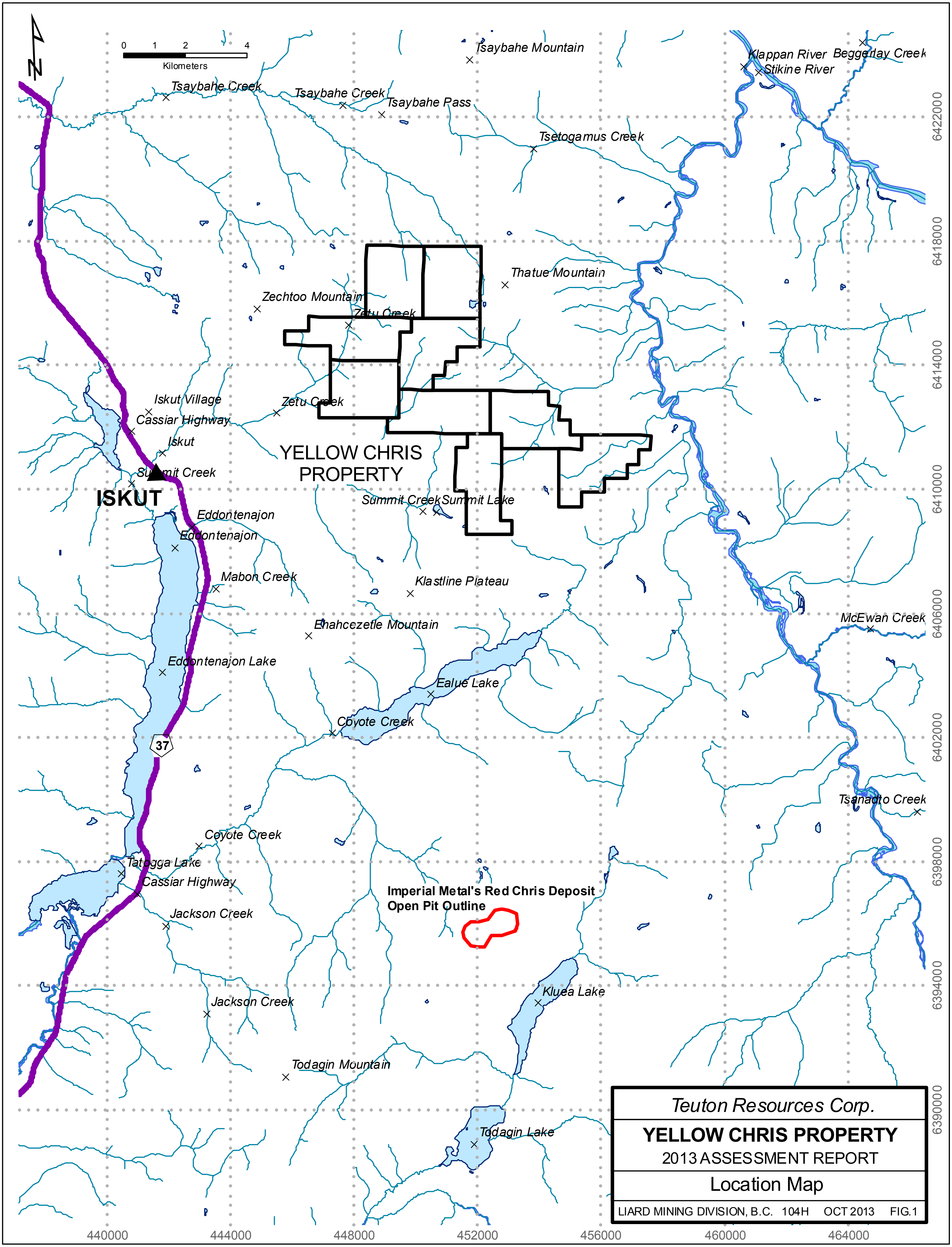
The claims are situated on the eastern portion of the Todagin upland plateau which forms a subdivision of the Klastine Plateau along the northern margin of the Skeena Mountains. Elevations on the property are typically 1,500 ± 30 m with relatively flat topography broken by several deep creek gullies. Bedrock exposure is confined to the higher-relief drainages and along mountainous ridges. The majority of the ground in this area is covered by a thin layer of glacial till. Vegetation on the plateau consists of scrub birch and willow, grasses and mosses. Within the creek valleys are several varieties of conifer and deciduous trees including balsam, fir, cedar, spruce, and aspen.

The climate in the area is northern temperate with moderately warm summers and cold dry winters. Typical daytime temperature ranges are from the mid to upper 20ºs Celsius in summer and -20º to -30º Celsius in winter. Precipitation averages about 100cm per year. Thick accumulations of snow are common in winter.

B. Status of Property

The property is comprised of claims as summarized below:

Tenure Number	Claim Name	Area in hectares	Present Anniversary Date
668144	YELLOW CHRIS 1	430.79	Nov.11, 2015
668163	YELLOW CHRIS 5	430.74	Nov.11, 2015
668164	YELLOW CHRIS 6	430.6	Jan. 11, 2015
668165	YELLOW CHRIS 7	430.57	Jan. 11, 2015
668166	YELLOW CHRIS 8	430.5	Jan. 11, 2015
668170	YELLOW CHRIS 13	430.36	Jan. 11, 2015
668171	YELLOW CHRIS 14	430.31	Jan. 11, 2015
668172	YELLOW CHRIS 15	430.14	Jan. 11, 2015
668173	YELLOW CHRIS 16	430.12	Jan. 11, 2015



0 1 2 4
Kilometers
Tsaybahe Mountain
Klappan River
Beggerlay Creek
Stikine River
Tsaybahe Creek
Tsaybahe Creek
Tsaybahe Pass
Tsetogamus Creek
Thatue Mountain
Zechtoo Mountain
Zetu Creek
Iskut Village
Cassiar Highway
Zetu Creek
Iskut
YELLOW CHRIS
PROPERTY
Summit Creek
ISKUT
Summit Creek
Summit Lake
Eddontenajon
Eddontenajon
Mabon Creek
Klastline Plateau
Ehahcezetle Mountain
McEwan Creek
Eddontenajon Lake
Ealue Lake
Coyote Creek
37
Tsanadto Creek
Coyote Creek
Tatogga Lake
Cassiar Highway
Imperial Metal's Red Chris Deposit
Open Pit Outline
Jackson Creek
Kluea Lake
Jackson Creek
Todagin Mountain
Todagin Lake
6422000
6418000
6414000
6410000
6406000
6402000
6398000
6394000
6390000
440000
444000
448000
452000
456000
460000
464000
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YELLOW CHRIS PROPERTY
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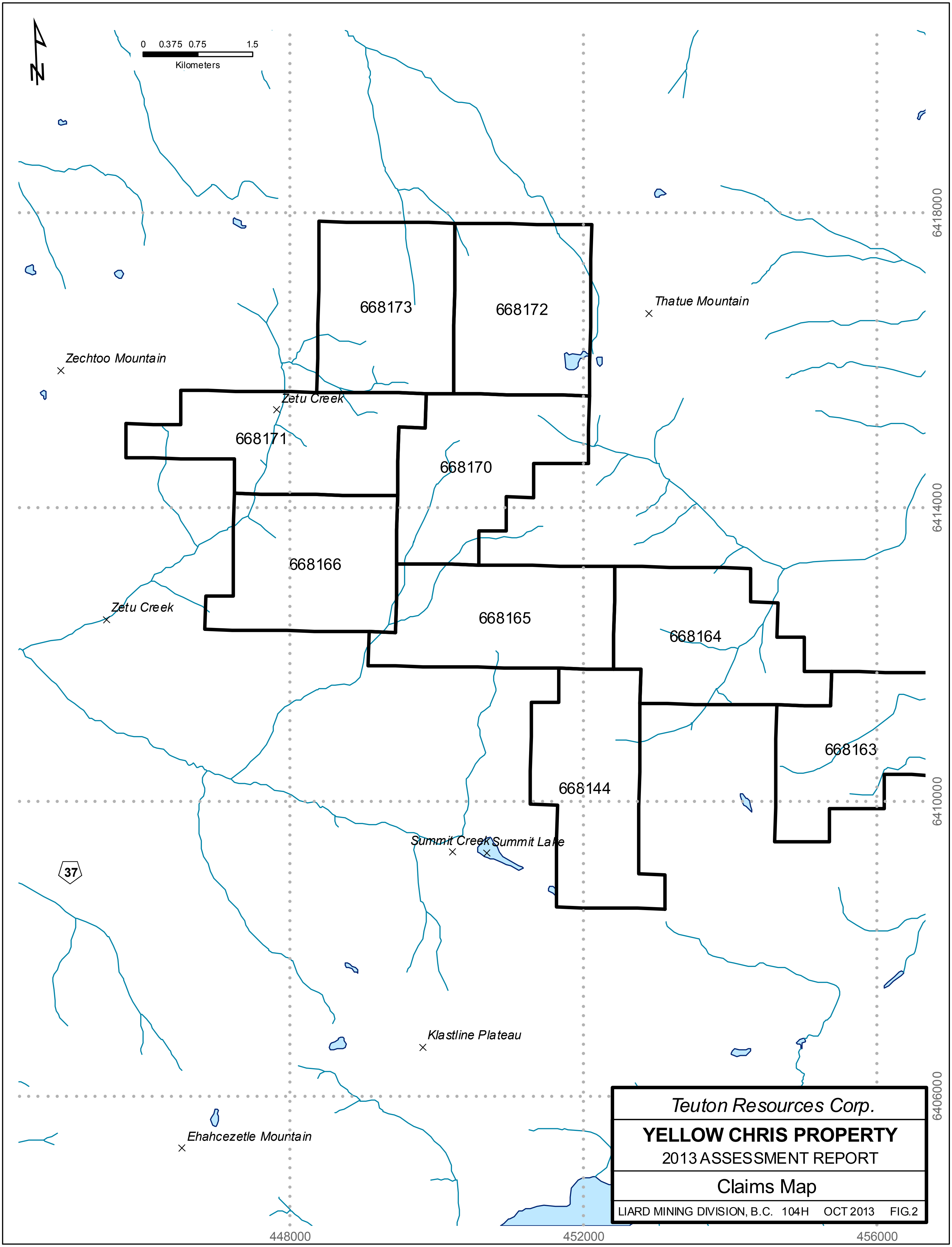
Location Map
LIARD MINING DIVISION, B.C. 104H OCT 2013 FIG.1


0 0.375 0.75 1.5
Kilometers
N
668173
668172
668171
668170
668166
668165
668164
668163
668144
Thatue Mountain
Zechtoo Mountain
Zetu Creek
Zetu Creek
Summit Creek
Summit Lake
Klastline Plateau
Ehahcezetle Mountain
37
6418000
6414000
6410000
6406000
448000
452000
456000
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Claims Map
LIARD MINING DIVISION, B.C. 104H OCT 2013 FIG.2

Claim locations are shown on Figure 2. The claims are wholly owned by Teuton Resources Corp. of Victoria, British Columbia.

C. History

The Yellow Chris property is located in the Stikine River area of northwestern British Columbia, a region well known for its sub-alkalic to alkalic plutons, associated porphyry copper-gold mineralization and peripheral gold-silver bearing quartz veins. The area was subjected to very little exploration until the 1960's and 1970's when extensive exploration for porphyry copper deposits took place. In particular, Texasgulf Inc. carried out an intensive exploration program throughout the area and discovered a number of significant prospects including the Red-Chris and Rok.

The Yellow Chris property sits fifteen kilometers north of Imperial Metals, Red Chris porphyry copper-gold deposit. This deposit was first discovered in the 1960's and has since received sporadic yet continuous exploration. The drill programs undertaken by Texasgulf Inc. during the 1974, 1975, 1976, 1978 and 1980 field seasons, outlined two coalescing, east-north-easterly trending zones of porphyry-style copper gold mineralization hosted by the ‘Red’ stock, a weakly to intensely altered feldspar hornblende porphyry intrusion. These were later named the Main and East Zones. Current total proven and probable reserves at the Red-Chris deposit are estimated at over 300 million tonnes grading 0.359% copper and 0.274 g/t gold (Estimates for 2010 at website: http://www.imperialmetals.com/s/Development_RedChris.asp).

In 1976, Great Plans Development Company of Canada Ltd. carried out prospecting and geological mapping (Minfile #104H/15, 18) on the Kitty, Fife and Drum claims. These formerly existing claims are within the area presently covered by the Yellow Chris property. The Drum claim was located in between the Zechtoo and Thatue Mountains. The Kitty and Fife claims were situated on the south and west side of Zechtoo Mountain, respectively. No significant mineralized occurrences were discovered during this program.

The area was subsequently staked by West Pride Industries Corp in 1990 to form the Railway-Zetu property. In July and August, 1990, Reliance Geological Services Inc. carried out a program of reconnaissance prospecting and silt sampling (Kidlark, 1990a and 1990b). In June, 1991, Placer Dome Inc. conducted an examination of the property and collected 99 soil samples from several traverses near Zechtoo and Thatue Mountains. Fifty-five rock samples were also collected, mainly from the "Main Trench" area. A sample location map and the analytical results were made available to West Pride Industries Corp. but a report was not submitted.

The Railway-Zetu property was optioned in 1991 to Hyder Gold Inc. who commissioned Keewatin Engineering Inc. to carry out a reconnaissance soil, silt, and rock sampling program (DuPre, 1990) to evaluate the porphyry Cu/Au and shear vein Au/Ag potential of the claim group. The samples returned inconsistent results with spotty low-grade Cu-Au anomalies.

A historic showing referred to as the "Klastine Plateau" (MINFILE Number 104H 018) lies within the south-eastern portion of the Yellow Chris claim block and comprises limestone lenses included in the unnamed Carboniferous and older basement exposed along the southern flank of the Stikine arch.

Teuton acquired the claims in November, 2009, after the announcement of Imperial Metals' Red Chris drilling results, in particular, hole RC09-350 which ran 152.5m of 4.12% copper and 8.83 g/t gold, said to be one of the richest in terms of length and grade to be drilled in British Columbia since the Eskay Creek discovery in 1989.

In 2010, Teuton completed an airborne geophysical survey on the central portion of the claims which defined several discrete magnetic anomalies interpreted as signaling intrusive bodies.

In 2012, Teuton conducted a surface geochemical sampling program over the southern part of the Yellow Chris property which was partially successful in defining a few copper anomalous soils, with peaks up to 271 ppm copper.

D. References

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British Columbia Ministry of Energy, Mines and Petroleum Resources, MINFILE Public Website**.** April 15, 2011. http://www.em.gov.bc.ca/Mining/Geolsurv/minfile/

DuPre, D.G., 1990. Geological report on the ROK property. Private company report for Carina Minerals Resources Corp.

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Geological Survey of Canada, 1987. Geology of Klastline River, Ealue Lake, Cake Hill and Stikine Canyon, Open File 1080.

Kidlark, R.G., 1990. Geological and geochemical report on the Railway Property, Liard Mining

Division, private company report for West Pride Industries Corp.

Kidlark, R.G. (1991). Geological and geochemical report on the Zetu Creek Property, Liard Mining Division, private company report prepared for West Pride Industries Corp.

MacIntyre, D.G., Villeneuve, M.E., Schiarizza, P**.,** 2001: Timing and tectonic setting of Stikine Terrane magmatism , Babine-Takle lakes area, central British Columbia. Canadian Journal of Earth Sciences, v. 28, p. 579-601.

Melner, Dave, MSc. (2010): Ground Magnetic, IP Geophysical Surveying and Soil and Rock Geochemistry Of the Coyote Grid and Area, On the Rok-Coyote Property. (#31462) , on file with BCEMPR.

Schiarizza, P., MacIntyre, D.G**.,** 1999: Geology of the Babine-Takla lakes area, central British Columbia. British Columbia Ministry of Energy and Mines, Paper 1999-1, p. 33-68.

E. Summary of Work Done.

The 2013 soil sampling program was carried out from July 26th to July 30th and September 1st to September 3rd to follow up on results from a helicopter borne geophysical survey conducted in 2010 wherein several anomalous magnetic highs and lows were obtained on the southern, central, and eastern parts of the property. As such, a total of 454 soil samples were taken at 10 to 25 metre spacings along multiple contour traverses.

Field crew for the Yellow Chris program consisted of geologist Amanda Mullin, and one field assistant. Air support was provided under contract by Prism Helicopters.

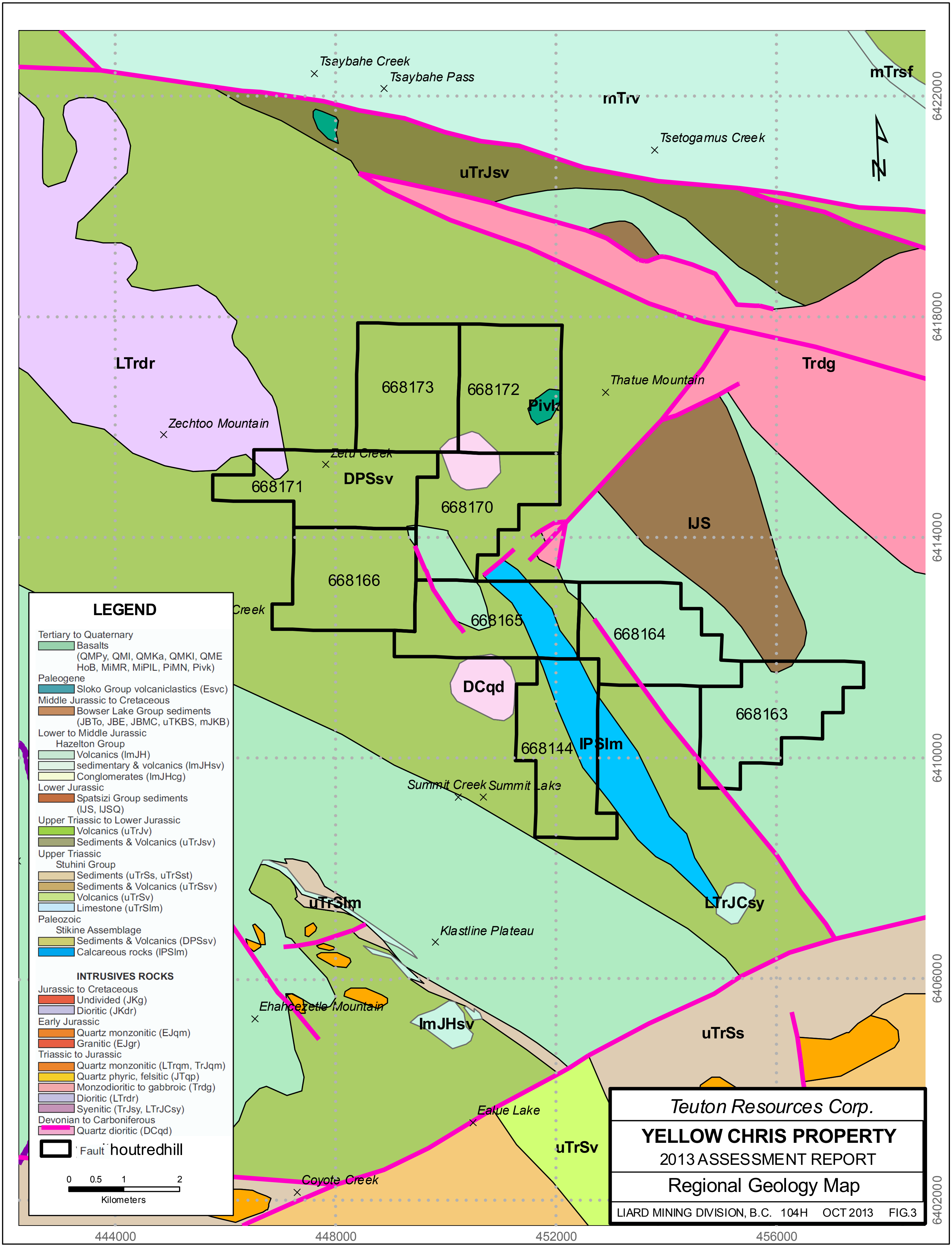
Altogether 454 surface soil samples were taken and prepared and analyzed for gold content/ICP at the Pioneer Laboratories facility in Richmond, BC.

2. TECHNICAL DATA AND INTERPRETATION

A. Geology and Mineralization

The properties lie within the Intermontane Belt of the Canadian Cordillera. More specifically, the claims lay within the northeastern half of the Stikine Arch- dominated by Carboniferous to Middle Jurassic island-arc volcanic and sedimentary rocks, and associated plutonic suites (Schiarizza and MacIntyre, 1999). Stikine Terrane is considered to have developed in the eastern Pacific of the Northern Hemisphere and migrated northwards to accrete with ancestral North America in Middle Jurassic (MacIntyre et al., 2001).

The primary lithologies of the project area include Paleozoic marine sedimentary and volcanic rocks of the Stikine Assemblage, and Lower to Middle Jurassic arc-related, calc- alkaline, volcano



Tsaybahe Creek
Tsaybahe Pass
mTrv
mTrsf
Tsetogamus Creek
uTrJsv
N
LTrdr
Trdg
Thatue Mountain
668173
668172
Pivk
Zechtoo Mountain
Zetu Creek
DPSsv
668171
668170
lJS
668166
Creek
668165
668164
DCqd
668163
668144
lPSlm
Summit Creek
Summit Lake
uTrSlm
LTrJCsy
Klastline Plateau
Ehahcezetle Mountain
lmJHsv
uTrSs
Eaglue Lake
uTrSv
Coyote Creek
6422000
6418000
6414000
6410000
6406000
6402000
444000
448000
452000
456000
LEGEND
Tertiary to Quaternary
Basalts
(QMPy, QMI, QMKa, QMKI, QME
HoB, MiMR, MiPIL, PiMN, Pivk)
Paleogene
Sloko Group volcaniclastics (Esvc)
Middle Jurassic to Cretaceous
Bowser Lake Group sediments
(JBTo, JBE, JBMC, uTKBS, mJKB)
Lower to Middle Jurassic
Hazelton Group
Volcanics (lmJH)
sedimentary & volcanics (lmJHsv)
Conglomerates (lmJHcg)
Lower Jurassic
Spatsizi Group sediments
(lJS, lJSQ)
Upper Triassic to Lower Jurassic
Volcanics (uTrJv)
Sediments & Volcanics (uTrJsv)
Upper Triassic
Stuhini Group
Sediments (uTrSs, uTrSst)
Sediments & Volcanics (uTrSsv)
Volcanics (uTrSv)
Limestone (uTrSlm)
Paleozoic
Stikine Assemblage
Sediments & Volcanics (DPSsv)
Calcareous rocks (lPSlm)
INTRUSIVES ROCKS
Jurassic to Cretaceous
Undivided (JKg)
Dioritic (JKdr)
Early Jurassic
Quartz monzonitic (EJqm)
Granitic (EJgr)
Triassic to Jurassic
Quartz monzonitic (LTrqm, TrJqm)
Quartz phyric, felsitic (JTqp)
Monzodioritic to gabbroic (Trdg)
Dioritic (LTrdr)
Syenitic (TrJsy, LTrJCsy)
Devonian to Carboniferous
Quartz dioritic (DCqd)
Fault
houtredhill
0 0.5 1 2
Kilometers
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Regional Geology Map
LIARD MINING DIVISION, B.C. 104H OCT 2013 FIG.3

sedimentary rocks of the Hazelton Group, as shown on Figure 4. Middle Jurassic Bowser Lake Group marine clastic sedimentary rocks underlay majority of the Red Chris South property.

The Devonian to Permian Stikine Assemblage (DPSsv) is the oldest lithology in the Stikine Terrane and makes up about 60% of the Yellow Chris property geology. This Paleozoic basement comprises moderately metamorphosed marine sedimentary and volcanic rocks (MacIntyre et al., 2001). A north-west striking body of Lower Permian Stikine Assemblage (lPSlm) comprised of limestone, marble, and other calcareous sedimentary rocks occurs within the south-eastern portion of the Yellow Chris claim block. Early Jurassic (195 to 205Ma) stocks and dykes of hornblende quartz diorite to quartz monzodiorite also occur throughout the northern project area. Major east-northeasterly regional normal faulting affects local strata and alteration (Figure 4).

B. Soil Geochemistry

a. Introduction

Four hundred and fifty four soil samples were taken in 2013 along traverses overlying various magnetic highs and lows outlined by a previously flown airborne geophysical survey. Samples were taken at 10 to 25 metre intervals and positions were checked with a handheld GPS unit.

Locations for the geochemical samples are presented in this report on Fig. 4, which is accompanied by inset tables (Fig. 5a-j) showing copper values in ppm.

b. Results

For the purposes of this report a statistical analysis of the soil sample results was carried out in order to determine "anomalous levels" for the various metals. Statistical analysis of the sample population for selected precious and base metals from this phase of work is presented below:

Element	# of Samples	Minimum	Maximum	Mean	Std. Deviation
Copper (ppm)	454	4.00	1002	63	95
Gold (ppb)	454	1.00	680	10	38
Arsenic (ppm)	454	3.60	1847	49	121
Lead (ppm)	454	5.16	421	25	25
Zinc (ppm)	454	4.31	772	92	63

If a metal value is less than or equal the mean + 1 standard deviation then the value is said to lie within the "background" range. If a value lies within the range mean + 1 to mean + 2 standard deviations then it is said to be "weakly anomalous". If a value is greater than the mean + 2 standard deviations then it is said to be "anomalous". Many factors such as population size and the presence of highly mineralized areas can bias the statistics. The classification system shown below should therefore be used as a guide rather than a precise determination of what constitutes an anomalous sample.

Classification of Soil Sample Results for the Yellow Chris

Metal	Background	Weakly Anomalous	Anomalous
Copper (ppm)	0-158	158-253	>253
Gold (ppb)	0-48	48-86	>86
Arsenic (ppm)	0-170	170-291	>291
Lead (ppm)	0-50	50-75	>75
Zinc (ppm)	0-156	156-220	>220

A few scattered copper anomalies are apparent from the survey data, with results ranging from 4 to 1002 ppm copper. Most notably, results include samples LT284, LT283, LT295, LT281, LT282, and LT217, which returned assay values of 511, 645, 790, 817, 959 and 1002 ppm copper, respectively. Although the copper anomalies are scattered, they are generally contained within the lower central portion of tenure number 668165 (see Inset 8, Fig 5h). This area is underlain by penetratively foliated chlorite schist. A lower grade anomaly is also observed in the northeast quadrant of the property, within the central portion of tenure number 668172 (see Inset 1, Fig 5a), with results ranging up to 200 ppm copper.

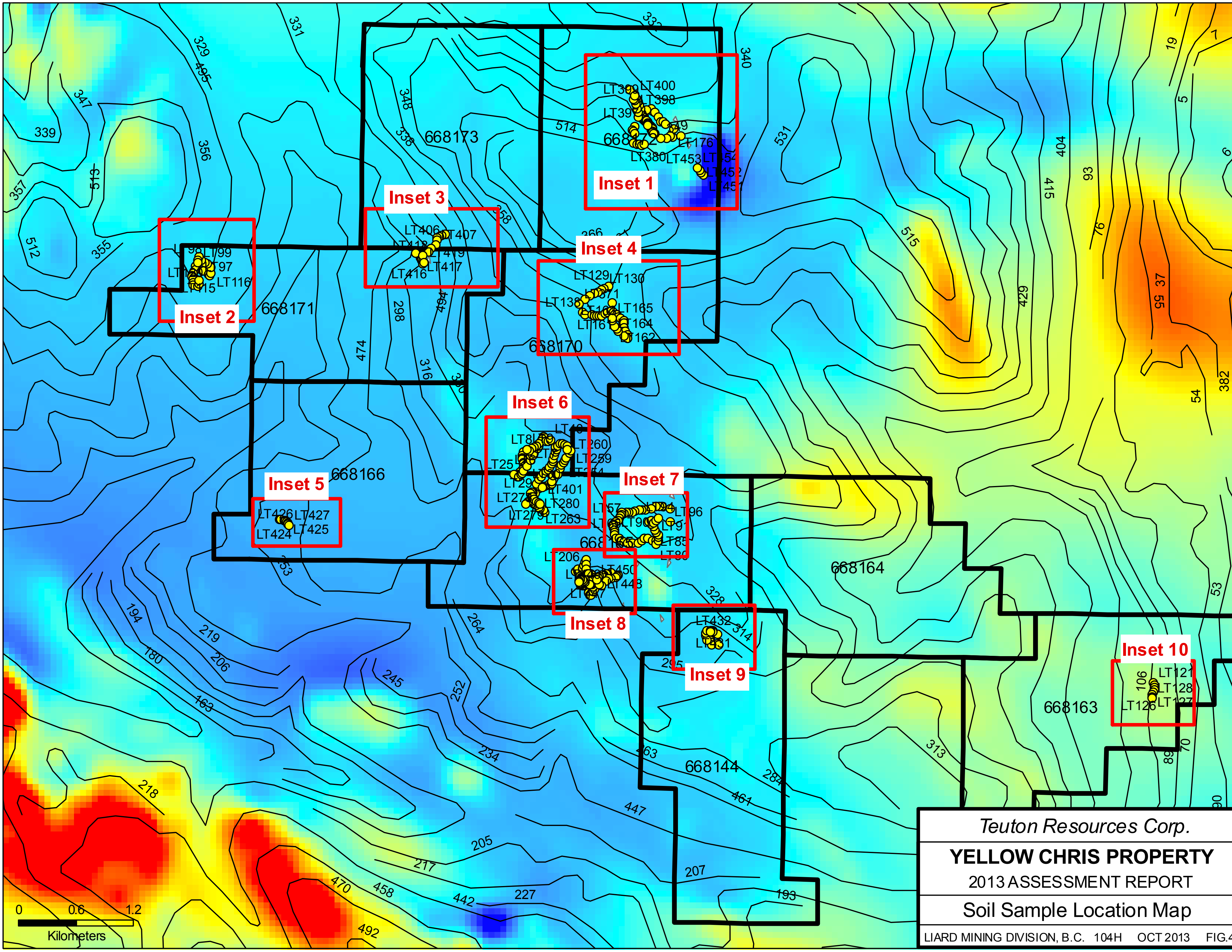
Thick and irregular overburden displayed throughout the property is the likely cause of erratic distribution of copper observed in the soils.

Sampling failed to identify any major zones of significant gold mineralization, with a few spot highs of up to 380 and 680 ppb gold. Arsenic values ranged from less than 4 to 1847 ppm with 5 samples over 291 ppm. Lead returned values of less than 6 to 421 ppm and zinc ranges from less than 5 to 772 ppm.

C. Field Procedure and Laboratory Analysis

Soil samples were collected with a mattock from "B" horizon (where present) at depths of 15 to 30cm, with samples running approximately 300 to 500 grams of material. This was then placed into a standard Kraft bag, marked, and allowed to dry.

After standard rock sample preparation, the 30 element Inductively Coupled Argon Plasma analysis was initiated by digesting a 0.5 gm sub-sample from each field specimen with 3ml 3-1-2 HCl-HNO3-H20 at 95 deg. C for one hour, followed by dilution to l0 ml with water. The Atomic Absorption measurement for ppb tolerance gold was preceded by subjecting 10 gram samples to standard fire-assay pre-concentration techniques to produce silver beads which were subsequently dissolved.



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Soil Sample Location Map

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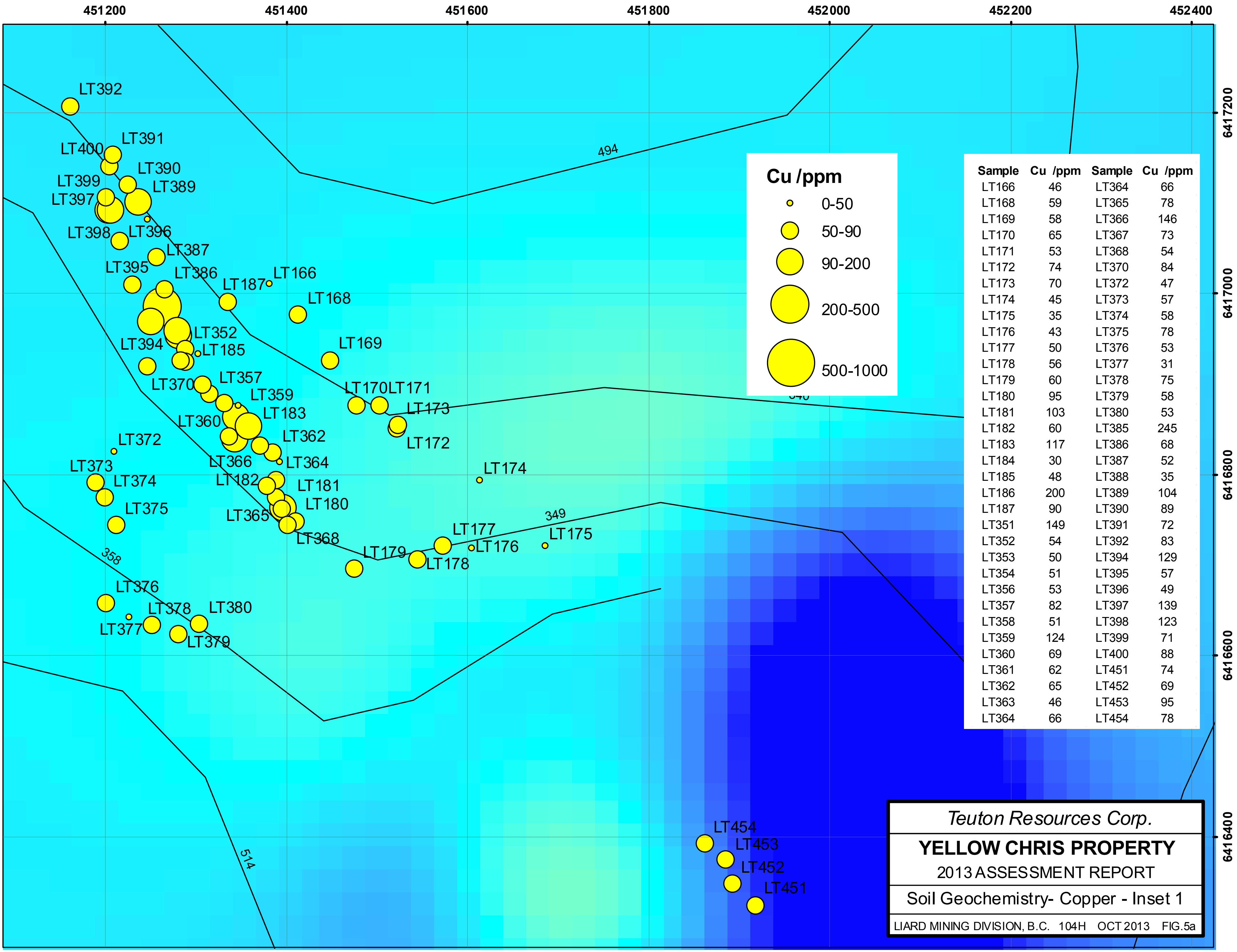

Sample	Cu /ppm	Sample	Cu /ppm
LT166	46	LT364	66
LT168	59	LT365	78
LT169	58	LT366	146
LT170	65	LT367	73
LT171	53	LT368	54
LT172	74	LT370	84
LT173	70	LT372	47
LT174	45	LT373	57
LT175	35	LT374	58
LT176	43	LT375	78
LT177	50	LT376	53
LT178	56	LT377	31
LT179	60	LT378	75
LT180	95	LT379	58
LT181	103	LT380	53
LT182	60	LT385	245
LT183	117	LT386	68
LT184	30	LT387	52
LT185	48	LT388	35
LT186	200	LT389	104
LT187	90	LT390	89
LT351	149	LT391	72
LT352	54	LT392	83
LT353	50	LT394	129
LT354	51	LT395	57
LT356	53	LT396	49
LT357	82	LT397	139
LT358	51	LT398	123
LT359	124	LT399	71
LT360	69	LT400	88
LT361	62	LT451	74
LT362	65	LT452	69
LT363	46	LT453	95
LT364	66	LT454	78

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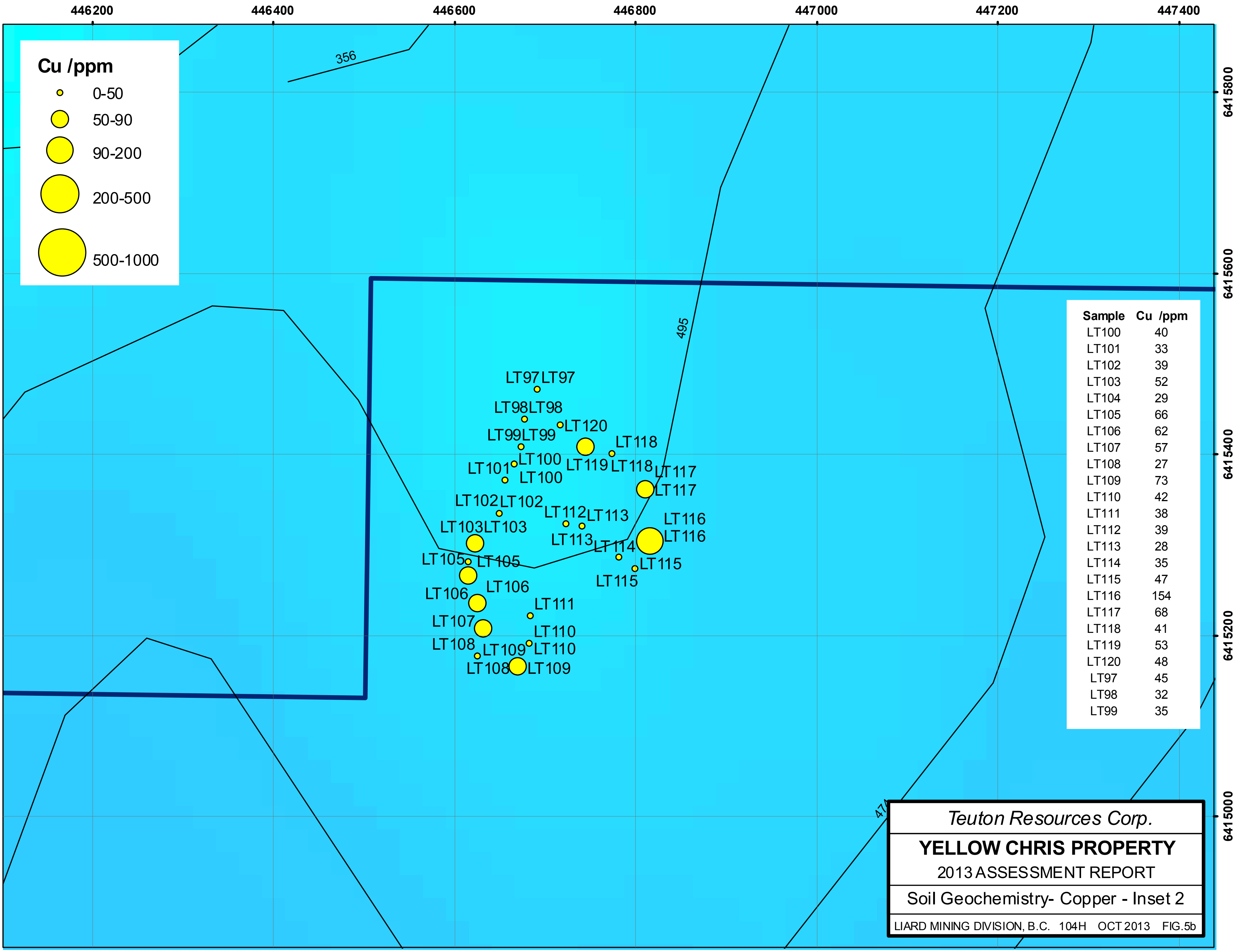
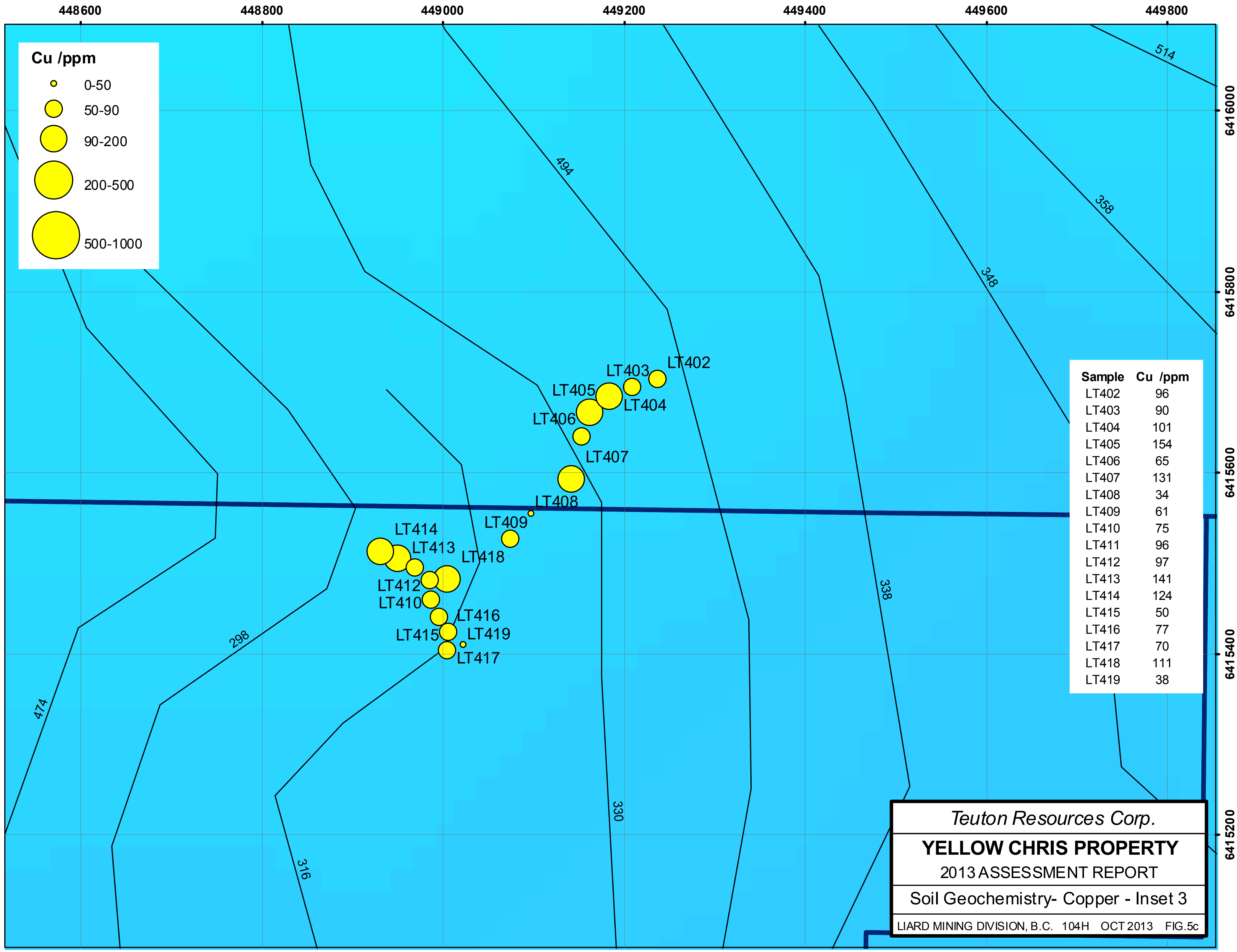
Soil Geochemistry- Copper - Inset 1

LIARD MINING DIVISION, B.C. 104H OCT 2013 FIG.5a



Sample	Cu /ppm
LT100	40
LT101	33
LT102	39
LT103	52
LT104	29
LT105	66
LT106	62
LT107	57
LT108	27
LT109	73
LT110	42
LT111	38
LT112	39
LT113	28
LT114	35
LT115	47
LT116	154
LT117	68
LT118	41
LT119	53
LT120	48
LT97	45
LT98	32
LT99	35



Sample	Cu /ppm
LT402	96
LT403	90
LT404	101
LT405	154
LT406	65
LT407	131
LT408	34
LT409	61
LT410	75
LT411	96
LT412	97
LT413	141
LT414	124
LT415	50
LT416	77
LT417	70
LT418	111
LT419	38

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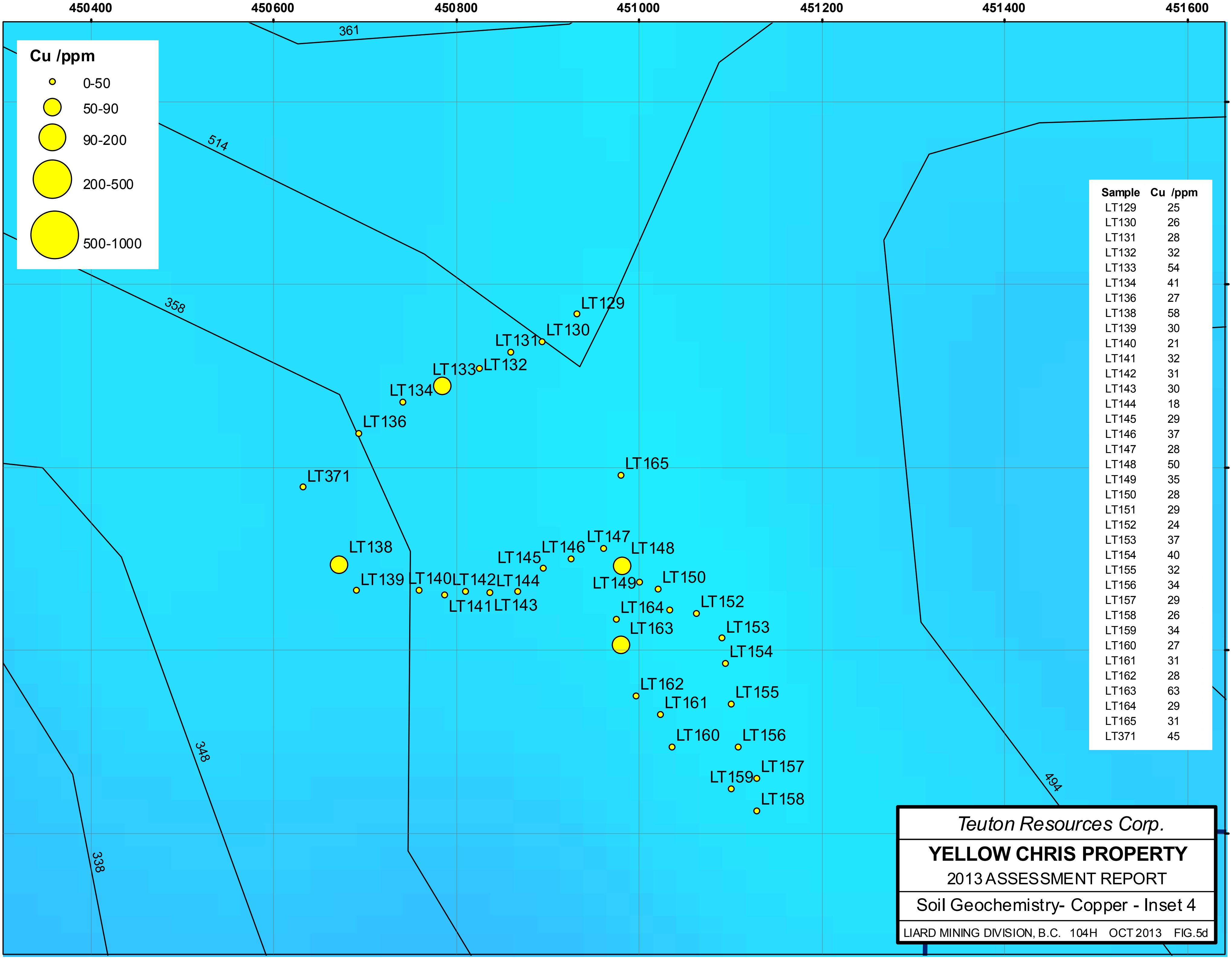
Soil Geochemistry- Copper - Inset 3

LIARD MINING DIVISION, B.C. 104H OCT 2013 FIG.5c



Sample	Cu /ppm
LT129	25
LT130	26
LT131	28
LT132	32
LT133	54
LT134	41
LT136	27
LT138	58
LT139	30
LT140	21
LT141	32
LT142	31
LT143	30
LT144	18
LT145	29
LT146	37
LT147	28
LT148	50
LT149	35
LT150	28
LT151	29
LT152	24
LT153	37
LT154	40
LT155	32
LT156	34
LT157	29
LT158	26
LT159	34
LT160	27
LT161	31
LT162	28
LT163	63
LT164	29
LT165	31
LT371	45

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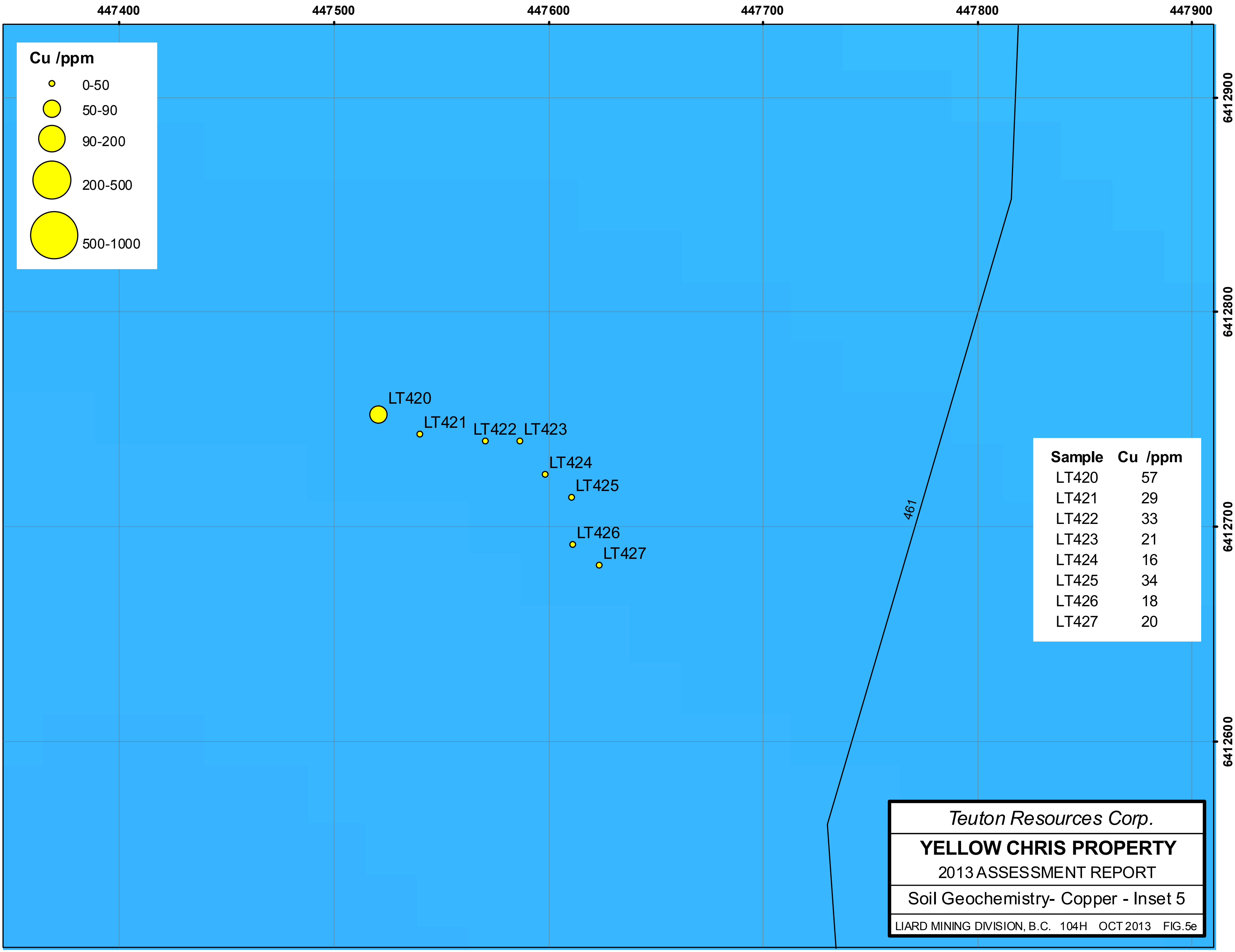
Soil Geochemistry- Copper - Inset 4

LIARD MINING DIVISION, B.C. 104H OCT 2013 FIG.5d



Sample	Cu /ppm
LT420	57
LT421	29
LT422	33
LT423	21
LT424	16
LT425	34
LT426	18
LT427	20

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YELLOW CHRIS PROPERTY

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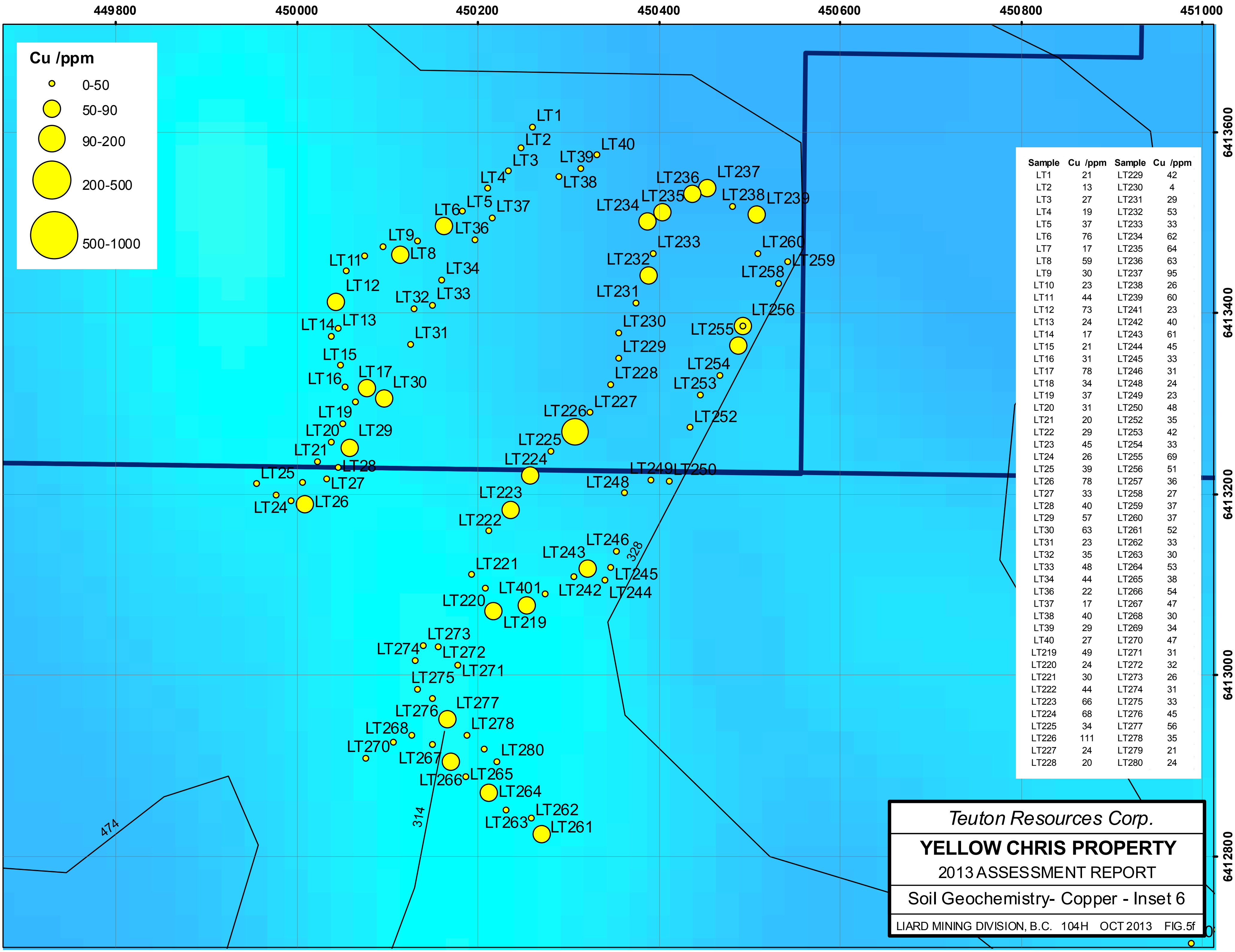
Soil Geochemistry- Copper - Inset 5

LIARD MINING DIVISION, B.C. 104H OCT 2013 FIG.5e



Sample	Cu /ppm	Sample	Cu /ppm
LT1	21	LT229	42
LT2	13	LT230	4
LT3	27	LT231	29
LT4	19	LT232	53
LT5	37	LT233	33
LT6	76	LT234	62
LT7	17	LT235	64
LT8	59	LT236	63
LT9	30	LT237	95
LT10	23	LT238	26
LT11	44	LT239	60
LT12	73	LT241	23
LT13	24	LT242	40
LT14	17	LT243	61
LT15	21	LT244	45
LT16	31	LT245	33
LT17	78	LT246	31
LT18	34	LT248	24
LT19	37	LT249	23
LT20	31	LT250	48
LT21	20	LT252	35
LT22	29	LT253	42
LT23	45	LT254	33
LT24	26	LT255	69
LT25	39	LT256	51
LT26	78	LT257	36
LT27	33	LT258	27
LT28	40	LT259	37
LT29	57	LT260	37
LT30	63	LT261	52
LT31	23	LT262	33
LT32	35	LT263	30
LT33	48	LT264	53
LT34	44	LT265	38
LT36	22	LT266	54
LT37	17	LT267	47
LT38	40	LT268	30
LT39	29	LT269	34
LT40	27	LT270	47
LT219	49	LT271	31
LT220	24	LT272	32
LT221	30	LT273	26
LT222	44	LT274	31
LT223	66	LT275	33
LT224	68	LT276	45
LT225	34	LT277	56
LT226	111	LT278	35
LT227	24	LT279	21
LT228	20	LT280	24

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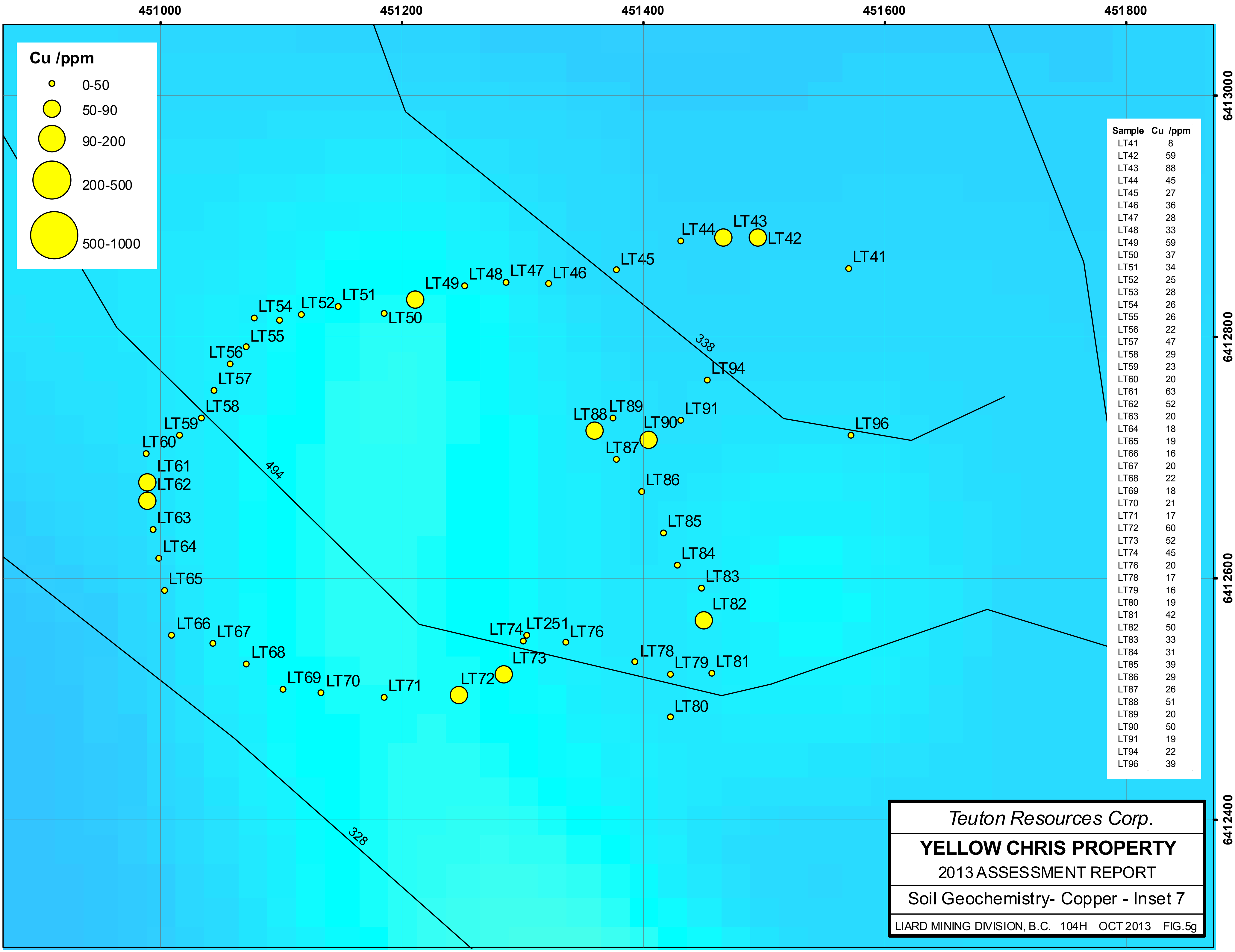
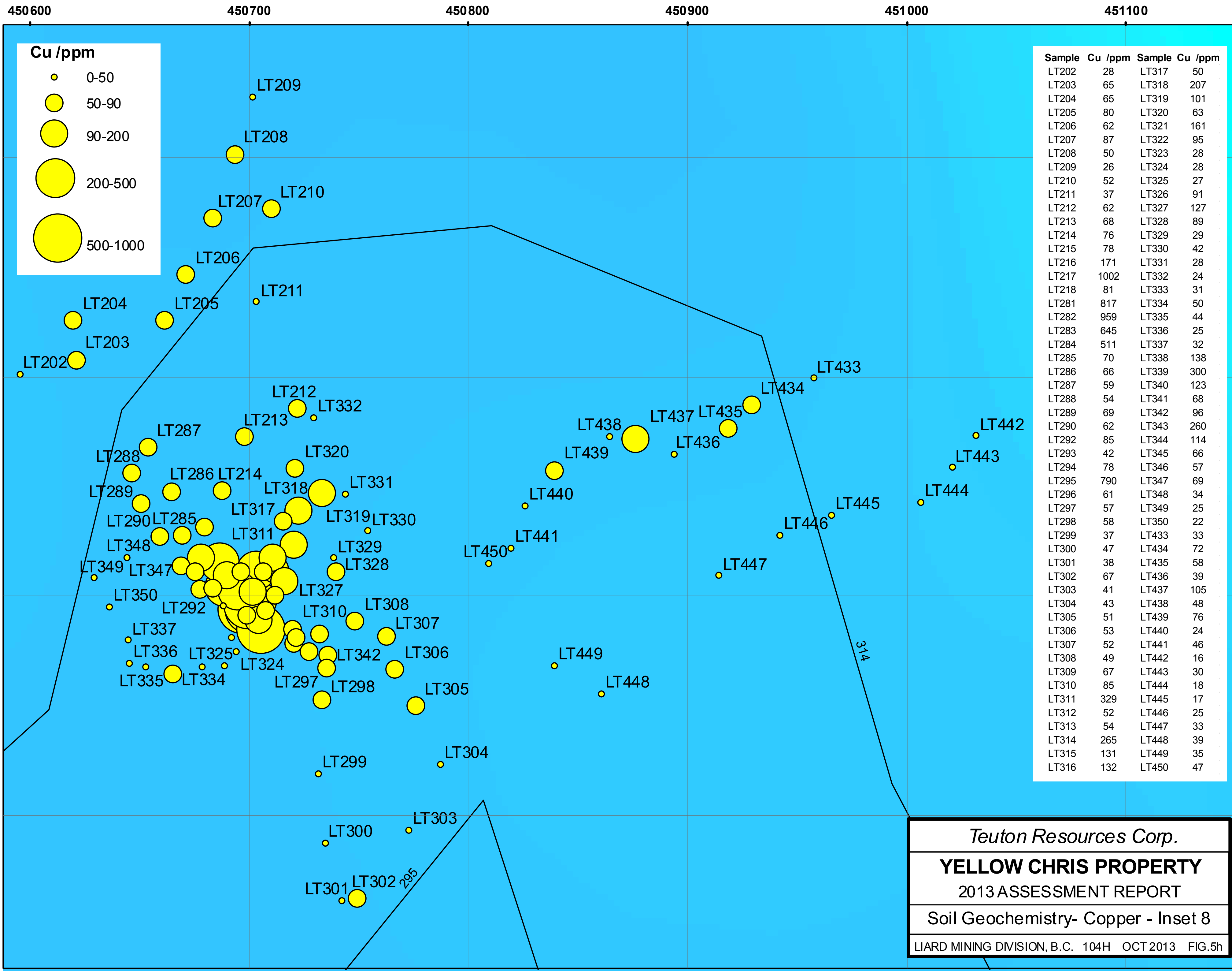
Soil Geochemistry- Copper - Inset 6

LIARD MINING DIVISION, B.C. 104H OCT 2013 FIG.5f



Sample	Cu /ppm
LT41	8
LT42	59
LT43	88
LT44	45
LT45	27
LT46	36
LT47	28
LT48	33
LT49	59
LT50	37
LT51	34
LT52	25
LT53	28
LT54	26
LT55	26
LT56	22
LT57	47
LT58	29
LT59	23
LT60	20
LT61	63
LT62	52
LT63	20
LT64	18
LT65	19
LT66	16
LT67	20
LT68	22
LT69	18
LT70	21
LT71	17
LT72	60
LT73	52
LT74	45
LT76	20
LT78	17
LT79	16
LT80	19
LT81	42
LT82	50
LT83	33
LT84	31
LT85	39
LT86	29
LT87	26
LT88	51
LT89	20
LT90	50
LT91	19
LT94	22
LT96	39



Sample	Cu /ppm	Sample	Cu /ppm
LT202	28	LT317	50
LT203	65	LT318	207
LT204	65	LT319	101
LT205	80	LT320	63
LT206	62	LT321	161
LT207	87	LT322	95
LT208	50	LT323	28
LT209	26	LT324	28
LT210	52	LT325	27
LT211	37	LT326	91
LT212	62	LT327	127
LT213	68	LT328	89
LT214	76	LT329	29
LT215	78	LT330	42
LT216	171	LT331	28
LT217	1002	LT332	24
LT218	81	LT333	31
LT281	817	LT334	50
LT282	959	LT335	44
LT283	645	LT336	25
LT284	511	LT337	32
LT285	70	LT338	138
LT286	66	LT339	300
LT287	59	LT340	123
LT288	54	LT341	68
LT289	69	LT342	96
LT290	62	LT343	260
LT292	85	LT344	114
LT293	42	LT345	66
LT294	78	LT346	57
LT295	790	LT347	69
LT296	61	LT348	34
LT297	57	LT349	25
LT298	58	LT350	22
LT299	37	LT433	33
LT300	47	LT434	72
LT301	38	LT435	58
LT302	67	LT436	39
LT303	41	LT437	105
LT304	43	LT438	48
LT305	51	LT439	76
LT306	53	LT440	24
LT307	52	LT441	46
LT308	49	LT442	16
LT309	67	LT443	30
LT310	85	LT444	18
LT311	329	LT445	17
LT312	52	LT446	25
LT313	54	LT447	33
LT314	265	LT448	39
LT315	131	LT449	35
LT316	132	LT450	47

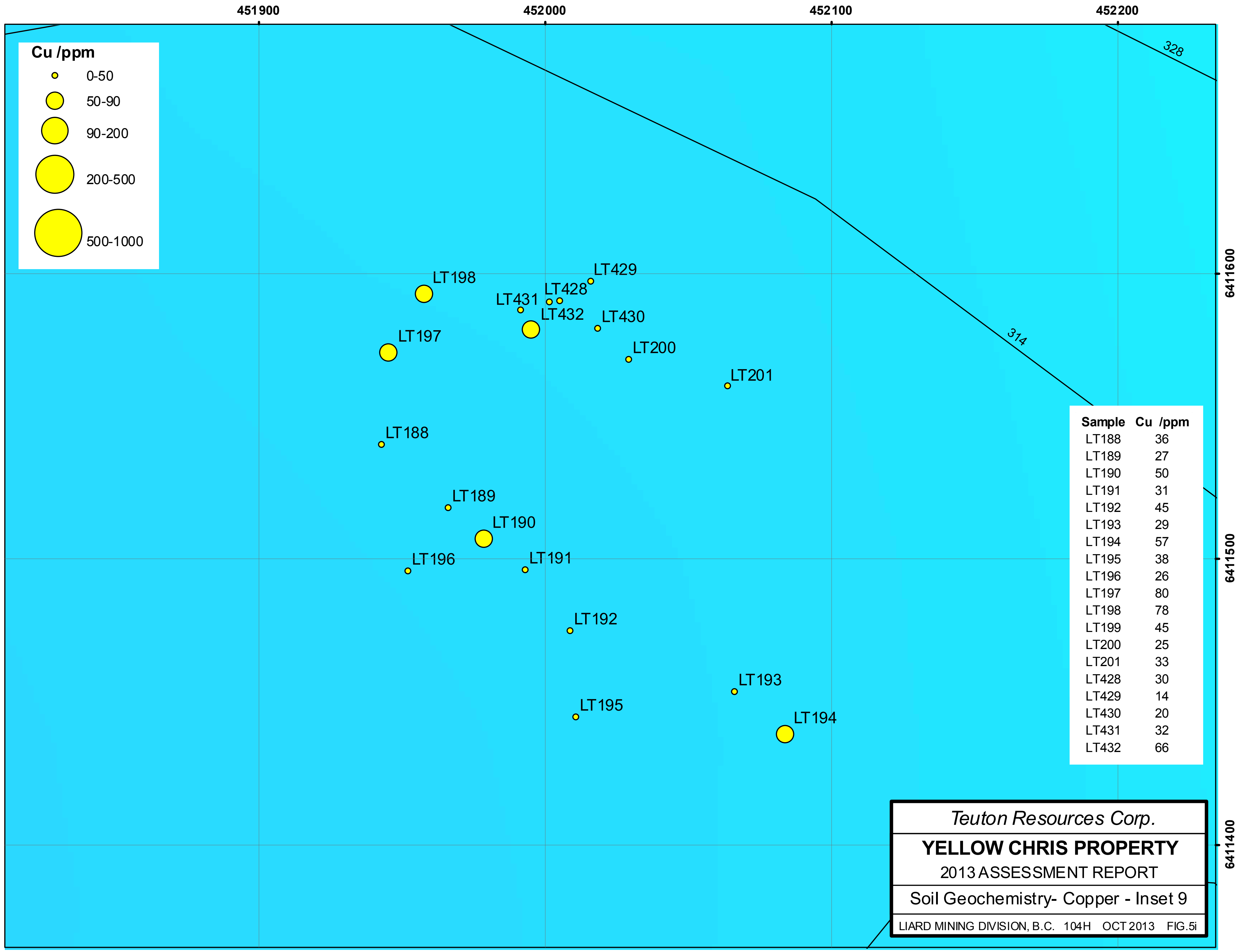
Teuton Resources Corp.

YELLOW CHRIS PROPERTY

2013 ASSESSMENT REPORT

Soil Geochemistry- Copper - Inset 8

LIARD MINING DIVISION, B.C. 104H OCT 2013 FIG.5h



Sample	Cu /ppm
LT188	36
LT189	27
LT190	50
LT191	31
LT192	45
LT193	29
LT194	57
LT195	38
LT196	26
LT197	80
LT198	78
LT199	45
LT200	25
LT201	33
LT428	30
LT429	14
LT430	20
LT431	32
LT432	66

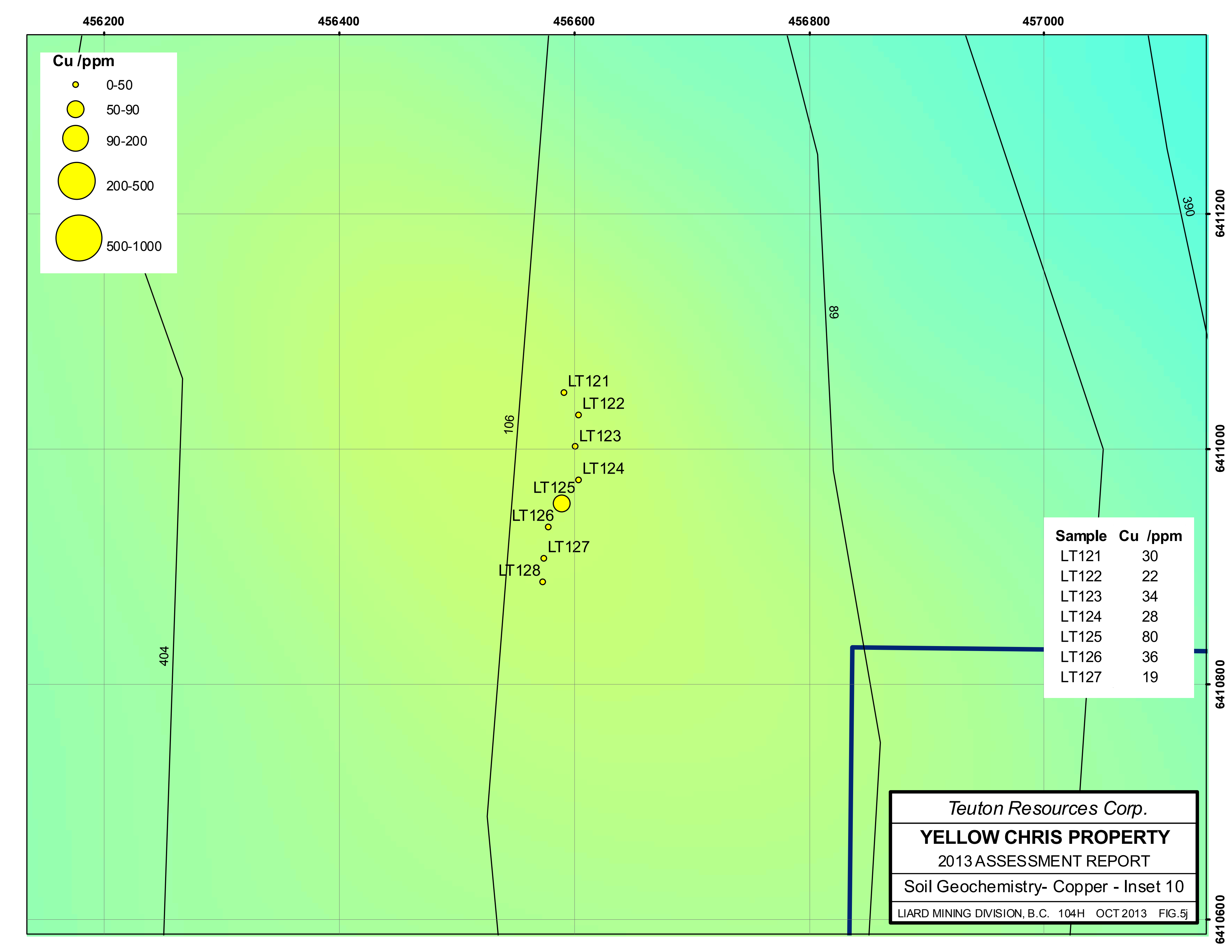
Teuton Resources Corp.

YELLOW CHRIS PROPERTY

2013 ASSESSMENT REPORT

Soil Geochemistry- Copper - Inset 9

LIARD MINING DIVISION, B.C. 104H OCT 2013 FIG.5i



Teuton Resources Corp.

YELLOW CHRIS PROPERTY

2013 ASSESSMENT REPORT

Soil Geochemistry- Copper - Inset 10

LIARD MINING DIVISION, B.C. 104H OCT 2013 FIG.5j

D. Conclusions

The 2013 surface geochemical sampling program over portions of the Yellow Chris property was successful in defining multiple copper anomalous soils, with peaks up to 1002 ppm copper. Given the recent discovery of porphyry copper-gold mineralization just southwest of the Yellow Chris claims on ground owned by Colorado Resources, a follow up program consisting of comprehensive soil gridding and induced polarization surveying is recommended.

Respectfully submitted,

D. Cremonese, P.Eng.
October 23, 2013

APPENDIX I - WORK COST STATEMENT

Field Personnel—Period July 26-30th & September 1-3, 2013	
Amanda Mullin, Geologist	
8 days @ $550/day	4,400
Lewis Tuck, Field Assistant	
6 days @ $400/day	2,400
Food & Accommodation (Iskut Motor Inn)	2,329
Travel costs, radio, supplies, misc.	240
Helicopter Cost (Prism Helicopters- Stewart base) MD500	
July 26-30th & September 1-3, 2013	
12 hrs @ $1269.42/hr (with fuel)	15,233
Assay costs—Pioneer Labs	
Au geochem + 30 elem. ICP + soil sample prep	
454 @ $20.67/sample	9,384
Report Costs	
Report and map preparation, compilation and research	
D. Cremonese, P.Eng., 2 days @ $800/day	1600
Draughting:	1200
TOTAL....	**$36,786**

Amount Claimed Per Statement of Work (not including 30% PAC withdrawal add-on):

Per SOW #5462510 $23,040

[Please adjust PAC account accordingly]

APPENDIX II – CERTIFICATE OF QUALIFICATION

I, Dino M. Cremonese, do hereby certify that:

1. I am a mineral property consultant with an office at #202-2187 Oak Bay Avenue, Victoria, B.C.

2. I am a graduate of the University of British Columbia (B.A.Sc. in metallurgical engineering, 1972, and L.L.B., 1979).

3. I am a Professional Engineer registered with the Association of Professional Engineers of the Province of British Columbia as a resident member, #13876.

4. I have practiced my profession since 1979.

5. This report is based upon work carried out on the Yellow Chris mineral claims, Skeena Mining Division in July and September of 2013. I have full confidence in the abilities of all samplers used in the 2013 geochemical program and am satisfied that all samples were taken properly and with care. Reference to field notes and maps made by geologist A. Mullin is acknowledged.

6. I am a principal of Teuton Resources Corp., owner of the Yellow Chris property: this report was prepared solely for satisfying assessment work requirements in accordance with government regulations.

Dated at Victoria, B.C. this 23rd day of October, 2013.

D. Cremonese, P.Eng.

APPENDIX III

Assay Certificates

PIONEER LABORATORIES INC. **#103 - 2691 VISCOUNT WAY RICHMOND, BC CANADA V6V 2R5** **TELEPHONE (604) 231-8165**

G E O C H E M I C A L   A N A L Y S I S   C E R T I F I C A T E

TEUTON RESOURCES CORP.

Project:
Sample Type: Soils/Rocks

Multi-element ICP Analysis - 0.500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with water. This leach is partial for Al, B, Ba, Cr, Fe, Mg, Mn, Na, P, S, Sn, Ti and limited for Na and K. *Au Analysis- 20 gram sample is digested with aqua regia, MIBK extracted, and is finished by AA or graphite furnace AA to 1 ppb detection.

Analyst _______________
Report No. 2131335
Date: September 20, 2013

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
LT 281	.3	2.13	55	<5	85	<10	.22	<1	58	25	817	4.94	.05	1.65	1461	1	.03	55	.50	21	.03	11	<2	7	<5	.02	<5	30	45	2
LT 282	.2	1.77	59	<5	91	<10	.21	<1	82	21	959	5.08	.04	1.37	1598	2	.02	67	.39	19	.04	<2	<2	6	<5	.01	<5	25	38	3
LT 283	.2	2.13	30	<5	87	<10	.27	<1	36	23	645	4.24	.05	1.70	1178	1	.02	51	1.59	23	.02	<2	<2	5	<5	.01	<5	26	39	2
LT 284	.3	2.58	41	<5	288	<10	.37	<1	23	39	511	6.14	.09	1.66	979	5	.09	58	.84	29	.38	9	<2	80	<5	.01	<5	95	76	2
LT 285	.2	2.40	28	<5	208	<10	.42	<1	20	51	70	4.57	.08	1.82	920	1	.03	59	.27	25	.01	<2	<2	16	<5	.03	<5	69	78	11
LT 286	.3	2.67	19	<5	295	12	.40	<1	18	52	66	4.71	.08	1.49	1032	3	.03	52	.80	20	.07	<2	<2	17	<5	.01	<5	67	106	5
LT 287	.2	2.40	27	<5	165	<10	.25	<1	19	63	59	4.73	.08	1.52	921	3	.03	40	.96	21	.03	<2	<2	11	<5	.04	<5	85	60	36
LT 288	.3	2.43	45	<5	205	<10	.19	<1	18	43	54	4.60	.04	1.25	1284	2	.03	45	1.22	17	.04	22	<2	11	<5	.02	<5	70	74	21
LT 289	.2	2.04	47	<5	123	<10	.27	<1	19	40	69	4.31	.05	1.46	882	2	.02	44	1.41	19	.01	<2	<2	10	<5	.02	<5	65	55	15
LT 290	.2	2.14	19	<5	165	<10	.23	<1	20	41	62	4.88	.05	1.40	1304	2	.02	50	.71	17	.04	<2	<2	9	<5	.02	<5	63	66	16
LT 291	.3	2.25	26	<5	130	<10	.18	<1	21	46	63	4.18	.05	1.59	805	1	.03	69	.99	18	.01	<2	<2	8	<5	.01	<5	60	69	12
LT 292	.2	2.02	82	<5	225	<10	.49	<1	24	43	85	4.92	.06	1.54	979	4	.01	61	.93	17	.03	<2	<2	14	<5	.01	<5	62	70	23
LT 293	.2	2.12	29	<5	307	<10	.37	<1	10	36	42	5.01	.04	.64	978	2	.03	43	1.44	26	.06	<2	<2	15	<5	.07	<5	72	82	2
LT 294	.3	2.36	52	<5	96	<10	.12	<1	19	50	78	4.35	.05	1.21	1219	1	.02	69	.84	23	.03	<2	<2	7	<5	.04	<5	53	110	2
LT 295	.2	1.36	81	<5	75	<10	.13	<1	67	27	790	4.06	.01	1.20	1007	4	.02	44	.89	15	.04	<2	<2	2	<5	.01	<5	28	31	5
LT 296	.3	2.48	5	<5	70	<10	.14	<1	23	34	61	4.39	.03	1.16	1338	1	.02	43	1.40	20	.06	10	<2	6	<5	.01	<5	56	110	13
LT 297	.2	2.16	40	<5	78	<10	.08	<1	17	33	57	4.42	.04	1.10	888	2	.01	34	1.71	52	.05	<2	<2	5	<5	.01	<5	61	94	8
LT 298	.3	2.35	41	<5	89	<10	.09	<1	16	47	58	4.07	.04	1.51	686	2	.02	48	1.37	20	.04	<2	<2	6	<5	.01	<5	62	78	13
LT 299	.2	2.25	33	<5	101	<10	.13	<1	14	42	37	4.13	.04	1.03	739	1	.02	51	1.02	21	.06	<2	<2	7	<5	.04	<5	55	93	2
LT 300	.3	2.53	18	<5	165	<10	.24	2	16	43	47	4.42	.05	1.08	988	1	.03	63	1.11	23	.06	5	<2	12	<5	.08	<5	57	94	8
LT 301	.2	1.91	28	<5	84	<10	.05	<1	10	36	38	3.53	.04	.82	601	2	.03	27	1.79	20	.06	<2	<2	6	<5	.02	<5	72	70	11
LT 302	.3	3.04	24	<5	127	<10	.11	<1	19	48	67	5.58	.06	1.28	981	2	.02	50	2.40	23	.07	<2	<2	7	<5	.02	<5	79	96	17
LT 303	.2	2.39	6	<5	133	<10	.10	<1	15	46	41	4.57	.05	1.26	843	1	.02	39	1.28	21	.07	<2	<2	6	<5	.01	<5	72	84	7
LT 304	.2	2.14	25	<5	127	<10	.24	<1	14	41	43	4.31	.04	1.25	730	1	.02	36	1.70	14	.06	<2	<2	11	<5	.02	<5	68	57	3
LT 305	.3	2.28	37	<5	104	<10	.21	<1	16	44	51	4.09	.05	1.50	696	1	.01	45	1.64	20	.00	<2	<2	9	<5	.02	<5	63	70	5
LT 306	.2	2.02	7	<5	97	<10	.18	<1	13	38	53	3.92	.04	1.17	648	1	.02	38	1.77	19	.05	<2	<2	8	<5	.01	<5	64	59	8
LT 307	.2	1.90	24	<5	208	<10	5.05	<1	18	50	52	3.83	.10	1.61	851	1	.03	59	.98	17	.02	<2	<2	60	<5	.11	<5	52	68	15
LT 308	.2	1.86	6	<5	226	<10	4.21	<1	19	48	49	3.88	.11	1.54	857	1	.04	68	.96	15	.02	<2	<2	54	<5	.13	<5	50	72	7
LT 309	.3	2.10	46	<5	178	<10	1.17	<1	18	47	67	4.27	.07	1.69	847	1	.02	52	1.34	19	.02	4	<2	28	<5	.03	<5	64	77	21
LT 310	.2	2.27	31	<5	149	<10	.39	<1	24	59	85	4.63	.05	1.89	1220	1	.02	60	2.13	25	.03	<2	<2	13	<5	.03	<5	67	88	9
LT 311	.2	1.23	68	<5	151	15	.24	<1	54	24	329	4.70	.04	.86	1571	2	.03	38	1.14	16	.16	<2	<2	6	<5	.01	<5	40	34	3
LT 312	.3	2.32	60	<5	108	<10	.20	<1	41	33	52	6.86	.04	1.13	1450	7	.01	51	3.53	24	.08	<2	<2	11	<5	.01	<5	80	79	2
LT 313	.2	2.43	45	<5	196	<10	.46	2	34	38	54	5.81	.03	1.12	2149	5	.01	41	2.82	20	.11	<2	<2	16	<5	.02	<5	82	68	3
LT 314	.2	1.89	28	<5	139	<10	.40	<1	37	52	265	4.86	.05	1.36	1770	1	.03	56	1.58	19	.01	<2	<2	13	<5	.03	<5	94	51	6
LT 315	.3	2.06	70	<5	186	<10	.32	<1	34	38	131	4.94	.04	1.45	1268	4	.03	49	1.05	18	.06	<2	<2	11	<5	.02	<5	62	52	2
LT 316	.2	2.15	39	<5	205	<10	.45	<1	27	47	132	4.76	.07	1.50	1309	4	.03	62	1.61	24	.04	<2	<2	16	<5	.05	<5	66	67	6
LT 317	.2	2.27	13	<5	267	<10	.92	<1	24	51	50	4.40	.08	1.75	1086	2	.03	75	.16	20	.04	7	<2	21	<5	.13	<5	61	76	17
LT 318	.3	2.43	32	<5	196	<10	.40	<1	33	50	207	5.21	.09	1.76	1206	1	.01	57	.25	21	.04	<2	<2	13	<5	.04	<5	103	64	15
LT 319	.2	2.04	58	<5	167	<10	.44	<1	21	47	101	4.21	.07	1.58	719	3	.02	56	.20	19	.03	<2	<2	12	<5	.04	<5	72	80	6
LT 320	.3	2.80	31	<5	199	<10	.30	<1	22	54	63	4.48	.09	2.00	798	1	.01	61	.13	23	.03	<2	<2	11	<5	.02	<5	75	73	2

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
LT 321	.2	2.05	61	<5	149	<10	.83	<1	29	56	161	4.93	.08	1.74	1235	2	.03	66	.15	21	.02	<2	<2	17	<5	.07	<5	82	75	14
LT 322	.3	2.71	46	<5	247	<10	.54	<1	24	58	95	4.87	.11	2.56	986	1	.02	64	.29	22	.02	8	<2	14	<5	.11	<5	66	76	12
LT 323	.2	2.51	39	<5	90	<10	.10	<1	12	38	28	4.96	.05	1.02	752	4	.01	29	.18	25	.04	<2	<2	6	<5	.04	<5	65	64	10
LT 324	.3	2.34	44	<5	85	<10	.11	<1	13	36	28	3.99	.04	1.05	565	2	.03	34	.15	23	.03	<2	<2	6	<5	.02	<5	68	50	1
LT 325	.2	2.31	23	<5	75	<10	.08	<1	15	44	27	4.16	.04	1.39	547	2	.02	38	.22	26	.04	<2	<2	5	<5	.03	<5	66	62	15
LT 326	.3	2.75	49	<5	463	<10	.82	<1	27	63	91	5.11	.11	2.28	1051	1	.04	89	.19	21	.03	<2	<2	30	<5	.24	<5	67	81	5
LT 327	.2	2.33	48	<5	161	<10	.59	<1	26	58	127	4.71	.10	2.08	1010	3	.03	66	.21	22	.02	<2	<2	16	<5	.10	<5	72	74	10
LT 328	.2	1.60	43	<5	142	<10	.68	<1	40	42	89	5.12	.07	1.43	1314	1	.01	64	.22	15	.23	<2	<2	15	<5	.06	<5	73	54	11
LT 329	.2	1.85	36	<5	202	<10	1.16	<1	13	33	29	3.49	.10	1.15	1162	1	.02	32	.39	20	.15	<2	<2	18	<5	.01	<5	63	84	6
LT 330	.3	2.45	29	<5	109	<10	.12	<1	16	40	42	4.89	.06	1.16	640	2	.02	38	.16	22	.06	<2	<2	6	<5	.01	<5	66	59	1
LT 331	.4	1.84	27	<5	119	<10	.16	<1	9	33	28	3.89	.05	.59	584	2	.02	24	.20	21	.13	<2	<2	7	<5	.02	<5	64	50	2
LT 332	.2	2.15	41	<5	110	<10	.11	<1	9	42	24	3.98	.06	.56	690	3	.02	30	.29	23	.13	<2	<2	8	<5	.03	<5	56	88	1
LT 333	.2	2.13	30	<5	158	<10	.25	<1	22	36	31	4.92	.02	.98	1594	2	.01	44	.23	24	.09	<2	<2	9	<5	.02	<5	65	54	1
LT 334	.3	2.35	18	<5	121	<10	.09	<1	17	46	50	4.75	.05	1.31	1124	4	.03	43	.25	27	.06	<2	<2	6	<5	.02	<5	78	63	14
LT 335	.3	2.41	34	<5	74	<10	.10	<1	18	48	44	4.41	.04	1.64	651	1	.01	46	.17	23	.01	<2	<2	5	<5	.03	<5	72	66	10
LT 336	.2	2.08	11	<5	90	11	.08	<1	14	49	25	3.59	.05	1.04	568	2	.03	58	.20	22	.03	<2	<2	6	<5	.03	<5	56	75	3
LT 337	.4	2.42	54	<5	104	<10	.13	<1	17	47	32	4.52	.04	1.33	740	3	.01	48	.21	24	.04	<2	<2	7	<5	.03	<5	68	66	2
LT 338	.2	1.88	35	<5	67	<10	.14	<1	14	12	138	2.59	.03	1.78	374	1	.01	20	.14	15	.03	<2	<2	3	<5	.01	<5	14	37	1
LT 339	.2	2.05	56	<5	217	<10	.26	<1	39	35	300	4.60	.05	1.74	1086	3	.02	54	.20	20	.02	<2	<2	9	<5	.02	<5	40	58	1
LT 340	.3	2.41	5	<5	133	<10	.21	<1	26	52	123	5.44	.07	1.48	2509	3	.01	81	.28	21	.04	<2	<2	10	<5	.08	<5	59	167	22
LT 341	.2	2.22	62	<5	117	<10	.14	<1	24	44	68	5.73	.05	1.12	1759	5	.02	61	.25	26	.05	<2	<2	7	<5	.05	<5	64	76	1
LT 342	.4	2.40	88	<5	51	<10	.07	<1	43	24	96	4.90	.04	1.66	1575	4	.01	42	.21	23	.04	<2	<2	2	<5	.02	<5	33	81	8
LT 343	.3	3.17	162	<5	133	<10	.28	<1	150	26	260	10.09	.04	2.16	2998	5	.01	60	.50	36	.05	<2	<2	9	<5	.02	<5	152	92	3
LT 344	.6	1.83	71	<5	132	<10	.30	<1	63	40	114	6.61	.03	1.24	1364	10	.03	78	.43	23	.13	<2	<2	22	<5	.01	<5	87	51	5
LT 345	.4	2.09	82	<5	92	<10	.18	<1	52	44	66	8.52	.01	1.20	1704	41	.01	61	.48	24	.10	<2	<2	16	<5	.01	<5	112	60	3
LT 346	.2	2.19	46	<5	77	<10	.09	<1	24	36	57	4.74	.05	1.17	914	2	.01	38	.30	20	.06	5	<2	6	<5	.01	<5	74	71	20
LT 347	.4	2.71	30	<5	120	<10	.08	<1	121	37	69	7.52	.05	1.21	2576	9	.02	132	.39	23	.14	4	<2	5	<5	.01	<5	82	92	7
LT 348	.2	2.46	38	<5	96	<10	.07	<1	14	39	34	4.35	.05	1.00	641	3	.02	39	.29	22	.08	<2	<2	6	<5	.02	<5	61	77	6
LT 349	.3	2.58	7	<5	93	<10	.08	<1	7	31	25	4.18	.06	.47	553	2	.03	26	.32	27	.11	<2	<2	7	<5	.02	<5	45	95	20
LT 350	.2	1.89	23	<5	83	<10	.05	<1	9	30	22	4.08	.04	.51	905	3	.02	25	.30	25	.10	<2	<2	5	<5	.01	<5	63	64	3
LT 351	.4	2.22	162	<5	110	<10	.32	<1	32	28	149	5.79	.04	1.64	882	7	.01	58	.25	34	.04	<2	<2	19	<5	.06	<5	45	136	22
LT 352	.2	2.43	31	<5	178	<10	.35	<1	21	39	54	4.63	.05	1.83	778	1	.02	49	.18	24	.02	<2	<2	24	<5	.08	<5	63	96	1
LT 353	.2	1.91	35	<5	188	<10	.40	<1	22	32	50	4.34	.04	1.61	855	1	.02	47	.30	19	.01	<2	<2	30	<5	.09	<5	56	73	5
LT 354	.3	2.21	6	<5	208	<10	.42	<1	20	35	51	4.66	.05	1.62	826	2	.01	48	.25	23	.00	<2	<2	24	<5	.08	<5	59	83	2
LT 356	.2	2.15	26	<5	206	<10	.45	<1	17	38	53	4.32	.06	1.61	731	1	.03	52	.24	22	.01	<2	<2	26	<5	.07	<5	58	77	1
LT 357	.2	2.17	65	<5	194	<10	.80	1	14	35	82	4.62	.05	1.15	826	1	.03	37	.19	31	.09	<2	<2	34	<5	.10	<5	59	175	1
LT 358	.3	2.44	47	<5	118	<10	.22	<1	20	34	51	4.82	.05	1.48	759	1	.03	68	.13	29	.04	5	<2	14	<5	.10	<5	54	94	10
LT 359	.2	1.80	168	<5	187	<10	.37	2	23	18	124	5.72	.04	.82	1048	8	.02	45	.30	24	.14	<2	<2	26	<5	.03	<5	42	579	1
LT 360	.3	2.86	268	<5	63	<10	.15	3	34	21	69	7.18	.04	1.91	1018	6	.01	43	.32	333	.08	12	<2	6	<5	.02	<5	97	772	1
LT 361	.2	2.14	41	<5	198	<10	.39	<1	18	34	62	4.43	.05	1.66	745	2	.02	44	.29	25	.01	<2	<2	29	<5	.08	<5	58	103	2
LT 362	.2	2.35	26	<5	249	<10	.45	<1	23	39	65	4.84	.07	1.78	992	1	.02	59	.21	30	.02	5	<2	31	<5	.11	<5	61	88	1
LT 363	.3	2.68	14	<5	236	<10	.19	<1	21	41	46	4.90	.06	1.76	773	1	.01	62	.10	32	.01	<2	<2	14	<5	.10	<5	62	83	2
LT 364	.2	2.26	66	<5	255	<10	.58	2	22	42	66	5.52	.05	1.81	914	2	.05	92	.17	22	.04	6	<2	24	<5	.29	<5	61	388	1
LT 365	.2	2.61	63	<5	256	<10	.34	<1	23	43	78	5.06	.06	1.98	1020	1	.02	58	.06	29	.01	<2	<2	25	<5	.11	<5	73	122	3
LT 366	.3	3.40	215	<5	104	<10	.28	3	53	44	146	7.14	.04	3.26	1536	3	.02	51	.23	64	.07	<2	<2	10	<5	.03	<5	125	438	8
LT 367	.2	2.30	92	<5	220	<10	.27	<1	21	34	73	4.61	.06	1.59	996	1	.01	46	.26	21	.04	<2	<2	23	<5	.09	<5	61	87	3
LT 368	.3	2.57	38	<5	168	<10	.21	<1	20	36	54	4.77	.05	1.72	907	2	.03	53	.23	25	.04	<2	<2	17	<5	.09	<5	62	137	2
LT 369	.2	2.61	495	<5	120	<10	.28	<1	39	23	123	6.70	.04	1.83	1475	2	.03	46	.26	33	.04	11	<2	12	<5	.04	<5	58	108	18

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
LT 370	.2	2.28	119	<5	84	<10	.29	<1	32	20	84	6.19	.03	1.78	1341	4	.02	42	.27	27	.08	<2	<2	10	<5	.03	<5	57	105	9
LT 371	.2	1.99	12	<5	95	<10	.36	<1	18	35	45	4.40	.04	1.58	880	1	.02	71	.18	17	.04	<2	<2	14	<5	.08	<5	53	131	2
LT 372	.3	2.03	51	<5	152	<10	.28	<1	16	43	47	4.23	.06	1.18	932	1	.02	60	.25	24	.06	<2	<2	15	<5	.05	<5	56	85	3
LT 373	.2	2.05	22	<5	139	<10	.27	<1	19	44	57	4.60	.05	1.36	756	2	.04	71	.27	21	.02	<2	<2	16	<5	.13	<5	63	103	2
LT 374	.3	2.24	30	<5	205	<10	.31	<1	20	51	58	4.62	.07	1.57	886	1	.03	92	.22	23	.02	<2	<2	22	<5	.08	<5	61	106	26
LT 375	.2	2.72	46	<5	185	<10	.28	2	22	37	78	5.67	.07	1.51	992	2	.03	53	.23	27	.04	<2	<2	18	<5	.10	<5	77	469	1
LT 376	.2	1.97	30	<5	189	12	.74	<1	21	42	53	5.56	.09	1.66	887	1	.11	73	.21	21	.02	<2	<2	47	<5	.45	<5	68	101	1
LT 377	.2	2.22	19	<5	174	<10	.24	<1	17	55	31	4.75	.07	1.04	856	1	.03	74	.15	26	.05	<2	<2	13	<5	.17	<5	65	115	1
LT 378	.3	2.35	23	<5	138	<10	.25	<1	20	37	75	5.08	.07	1.29	884	1	.03	58	.16	32	.03	12	<2	14	<5	.08	<5	53	142	4
LT 379	.2	2.65	43	<5	141	<10	.26	<1	21	38	58	5.13	.08	1.57	988	1	.04	57	.18	36	.03	<2	<2	17	<5	.14	<5	68	101	2
LT 380	.3	2.71	40	<5	182	<10	.22	<1	17	35	53	4.95	.06	1.61	768	1	.01	42	.21	29	.07	<2	<2	19	<5	.06	<5	69	90	13
LT 381	.2	2.50	115	<5	116	<10	.19	<1	45	22	48	4.30	.03	2.54	2327	1	.01	32	.12	29	.11	<2	<2	8	<5	.04	<5	145	31	10
LT 382	.2	2.29	33	<5	121	<10	.18	<1	13	26	33	4.79	.05	.90	800	1	.04	40	.24	34	.10	<2	<2	10	<5	.11	<5	43	91	5
LT 383	.3	2.31	15	<5	204	<10	.25	<1	18	31	43	4.54	.05	1.24	1110	1	.03	47	.23	27	.10	<2	<2	19	<5	.11	<5	52	92	7
LT 384	.2	2.43	38	<5	306	<10	.96	<1	16	30	104	4.00	.06	1.30	761	2	.02	41	.33	29	.14	<2	<2	40	<5	.03	<5	48	114	6
LT 385	.2	2.25	135	<5	116	<10	.35	<1	47	14	245	6.93	.05	1.48	1795	14	.03	69	.28	30	.05	8	<2	10	<5	.01	<5	27	104	11
LT 386	.3	3.00	50	<5	244	<10	.50	<1	20	39	68	5.03	.08	1.72	874	2	.03	68	.30	27	.05	9	<2	23	<5	.13	<5	59	136	6
LT 387	.2	2.62	48	<5	169	<10	.19	<1	21	35	52	5.23	.07	1.38	972	2	.01	57	.21	28	.06	18	<2	14	<5	.09	<5	55	107	4
LT 388	.2	2.18	54	<5	136	<10	.66	<1	23	37	35	5.18	.04	1.39	1001	1	.04	81	.25	27	.10	<2	<2	17	<5	.21	<5	57	131	4
LT 389	.2	1.87	89	<5	118	<10	.27	<1	26	23	104	6.62	.04	1.31	998	12	.02	69	.20	29	.10	<2	<2	15	<5	.04	<5	47	183	7
LT 390	.2	1.32	57	<5	145	<10	.17	<1	12	15	89	6.38	.04	.69	397	16	.01	35	.44	27	.16	<2	<2	58	<5	.02	<5	25	112	11
LT 391	.3	1.69	49	<5	190	<10	.53	<1	15	26	72	4.94	.05	.80	672	10	.01	52	.41	20	.24	<2	<2	65	<5	.03	<5	39	94	14
LT 392	.6	2.44	54	<5	99	<10	.18	<1	25	31	83	5.58	.03	1.25	1150	5	.01	48	.33	29	.09	<2	<2	9	<5	.05	<5	49	102	19
LT 394	.2	3.50	115	<5	41	<10	.10	<1	52	24	129	9.54	.03	2.42	1417	9	.02	29	.21	40	.07	<2	<2	2	<5	.01	<5	110	77	17
LT 395	.4	2.26	58	<5	128	<10	.27	<1	28	33	57	5.49	.04	1.25	1235	3	.03	61	.30	23	.09	<2	<2	10	<5	.03	<5	48	76	4
LT 396	.5	1.78	59	<5	130	<10	.67	<1	17	41	49	4.34	.04	.84	1029	3	.03	66	.17	26	.12	<2	<2	14	<5	.08	<5	39	114	17
LT 397	1.7	1.02	1847	<5	76	<10	.15	3	38	6	139	8.35	.01	.53	1371	10	.02	23	.26	97	.11	3	<2	11	<5	.01	<5	2	383	38
LT 398	1.5	.97	1567	<5	68	<10	.14	2	33	5	123	7.47	.02	.52	1270	9	.02	18	.18	87	.15	10	<2	10	<5	.01	<5	4	293	39
LT 399	.2	1.76	11	<5	129	<10	.42	<1	26	25	71	5.01	.03	.82	1181	5	.03	50	.17	23	.11	5	<2	12	<5	.06	<5	31	81	3
LT 400	.2	1.26	66	<5	128	<10	.91	<1	16	18	88	3.84	.03	.61	645	7	.01	44	.16	15	.21	<2	<2	35	<5	.02	<5	23	82	10
LT 401	.2	1.94	7	<5	100	<10	.51	<1	25	34	63	5.16	.05	1.56	827	2	.07	54	.32	21	.01	<2	<2	29	<5	.28	<5	62	108	6
LT 402	.3	2.41	87	<5	80	<10	.28	<1	30	32	96	5.31	.03	1.75	1328	3	.01	45	.33	23	.02	<2	<2	17	<5	.06	<5	85	116	15
LT 403	.2	2.32	82	<5	145	<10	.49	<1	26	37	90	4.99	.04	1.90	830	1	.01	44	.30	18	.02	<2	<2	23	<5	.07	<5	84	79	17
LT 404	.2	2.55	43	<5	183	<10	.20	<1	23	39	101	4.93	.04	1.83	873	1	.01	47	.20	19	.03	6	<2	13	<5	.07	<5	80	97	6
LT 405	.3	2.33	39	<5	106	<10	.29	<1	26	23	154	5.47	.03	1.40	759	2	.02	31	.23	26	.01	<2	<2	12	<5	.08	<5	56	192	7
LT 406	.2	2.10	51	<5	45	<10	.18	<1	22	24	65	5.19	.01	1.08	650	3	.01	29	.26	25	.06	<2	<2	9	<5	.10	<5	65	142	5
LT 407	.2	2.03	68	<5	86	<10	.33	<1	30	23	131	4.74	.03	1.56	805	1	.02	32	.30	20	.02	<2	<2	18	<5	.05	<5	86	186	10
LT 408	.3	2.61	63	<5	162	<10	.39	<1	21	33	34	4.83	.05	1.30	866	1	.06	81	.14	22	.08	<2	<2	11	<5	.34	<5	48	115	6
LT 409	.3	2.78	44	<5	107	<10	.27	<1	27	40	61	5.94	.04	1.80	1374	1	.03	47	.32	25	.05	<2	<2	14	<5	.12	<5	88	125	2
LT 410	.2	2.40	18	<5	73	<10	.14	<1	25	32	75	5.36	.02	1.50	858	3	.02	39	.12	20	.01	6	<2	8	<5	.05	<5	76	76	2
LT 411	.2	1.98	33	<5	211	<10	.29	<1	35	30	96	6.13	.01	1.72	1843	1	.03	62	.24	22	.07	<2	<2	12	<5	.15	<5	79	73	680
LT 412	.3	2.33	80	<5	81	<10	.27	<1	40	34	97	7.36	.02	1.73	1339	2	.04	83	.28	24	.13	<2	<2	9	<5	.22	<5	63	99	10
LT 413	.2	2.01	45	<5	109	<10	.32	<1	26	18	141	5.76	.03	1.28	757	4	.03	39	.25	20	.15	<2	<2	11	<5	.01	<5	46	61	8
LT 414	.3	2.25	58	<5	120	<10	.29	<1	31	30	124	5.77	.03	1.62	1107	2	.02	58	.32	22	.05	5	<2	12	<5	.09	<5	63	110	11
LT 415	.3	2.80	24	<5	102	<10	.20	<1	22	36	50	4.96	.03	1.48	822	3	.02	57	.23	23	.05	5	<2	10	<5	.14	<5	67	78	8
LT 416	.2	2.60	29	<5	81	<10	1.60	<1	23	23	77	5.30	.03	1.68	657	1	.02	28	.24	14	.04	<2	<2	29	<5	.01	<5	62	75	11
LT 417	.4	2.55	30	<5	124	<10	.26	<1	21	54	70	4.66	.04	1.75	890	1	.01	43	.16	17	.03	<2	<2	13	<5	.03	<5	86	64	9
LT 418	.2	2.10	66	<5	185	<10	.31	<1	29	37	111	5.81	.04	1.69	1433	2	.03	53	.09	24	.02	2	<2	14	<5	.10	<5	72	81	8
LT 419	.2	1.89	61	<5	114	<10	.47	<1	34	38	38	6.81	.04	1.23	1752	1	.01	52	.03	29	.09	3	<2	17	<5	.18	<5	80	125	4

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
LT 420	.3	2.53	7	<5	146	<10	.29	<1	19	35	57	4.69	.05	.88	848	1	.03	42	.08	27	.07	3	<2	28	<5	.04	<5	54	111	3
LT 421	.2	2.29	25	<5	142	<10	.22	<1	22	30	29	5.86	.04	1.15	1348	3	.01	32	.10	19	.04	5	<2	20	<5	.01	<5	58	234	2
LT 422	.2	2.72	48	<5	110	<10	.07	<1	9	35	33	4.47	.04	.81	358	1	.01	29	.01	28	.01	6	<2	8	<5	.03	<5	55	83	36
LT 423	.4	2.60	5	<5	86	<10	.06	<1	6	38	21	5.86	.06	.43	488	3	.04	28	.02	36	.04	5	<2	6	<5	.09	<5	48	112	3
LT 424	.6	2.02	20	<5	123	<10	.15	<1	5	39	16	4.05	.05	.44	468	4	.03	30	.06	28	.05	9	<2	15	<5	.06	<5	53	102	2
LT 425	.3	2.11	7	<5	107	<10	.07	<1	7	40	34	4.26	.04	.65	351	2	.02	38	.09	24	.03	2	<2	7	<5	.04	<5	52	89	2
LT 426	.2	2.14	42	<5	137	<10	.08	<1	8	43	18	4.52	.04	.50	375	3	.03	41	.07	25	.05	6	<2	10	<5	.05	<5	54	102	6
LT 427	.3	2.13	30	<5	92	<10	.05	<1	7	37	20	5.20	.04	.57	471	2	.02	24	.01	26	.02	<2	<2	7	<5	.05	<5	67	99	14
LT 428	.2	1.75	26	<5	148	<10	.28	<1	18	28	30	3.96	.02	.62	866	3	.03	53	.03	19	.06	3	<2	12	<5	.10	<5	39	72	12
LT 429	.2	1.15	32	<5	167	<10	.65	<1	16	43	14	5.03	.04	.42	1109	3	.03	25	.10	21	.13	8	<2	18	<5	.11	<5	81	136	9
LT 430	.2	1.29	27	<5	140	<10	.89	<1	21	33	20	4.23	.04	1.24	1471	2	.03	48	.05	15	.16	7	<2	17	<5	.05	<5	51	128	5
LT 431	.3	1.32	34	<5	166	<10	.65	<1	19	34	32	4.19	.01	1.08	1212	3	.03	57	.14	14	.09	11	<2	27	<5	.08	<5	43	173	1
LT 432 (A)	.2	1.84	39	<5	289	<10	.70	<1	31	46	66	5.55	.05	1.33	1188	1	.05	79	.12	22	.05	4	<2	36	<5	.26	<5	61	101	37
LT 432 (B)	.3	2.69	40	<5	103	<10	.10	<1	16	51	32	4.67	.05	1.21	726	2	.03	42	.16	26	.07	3	<2	5	<5	.02	<5	64	60	9
LT 433	.2	2.74	67	<5	166	<10	.08	<1	15	50	33	4.82	.04	1.00	624	2	.01	40	.19	27	.08	4	<2	6	<5	.01	<5	66	76	6
LT 434	.3	2.35	53	<5	151	<10	.16	<1	16	45	72	4.23	.07	.94	1084	2	.01	47	.18	25	.06	<2	<2	7	<5	.01	<5	61	68	9
LT 435	.2	1.70	62	<5	148	<10	2.29	<1	20	41	58	4.02	.07	1.47	810	1	.03	51	.23	15	.01	2	<2	38	<5	.05	<5	59	66	3
LT 436	.3	1.73	30	<5	156	<10	2.70	<1	18	44	39	3.81	.07	1.54	721	1	.03	56	.20	13	.02	<2	<2	46	<5	.05	<5	60	70	1
LT 437	.2	2.10	29	<5	172	<10	.88	<1	24	50	105	4.49	.08	1.52	1128	1	.03	44	.13	14	.01	6	<2	20	<5	.03	<5	107	68	2
LT 438	.3	4.28	9	<5	70	<10	.23	<1	37	148	48	6.86	.09	3.45	1132	1	.02	72	.24	33	.04	10	<2	4	<5	.01	<5	81	121	1
LT 439	.2	2.99	74	<5	226	<10	.19	<1	26	63	76	5.55	.07	1.61	1995	1	.02	76	.23	23	.01	5	<2	10	<5	.08	<5	88	77	1
LT 440	.2	2.51	36	<5	97	<10	.13	<1	15	48	24	4.61	.04	1.03	775	1	.01	49	.19	28	.06	6	<2	7	<5	.05	<5	67	73	2
LT 441	.5	2.99	11	<5	152	<10	.12	<1	14	47	46	4.71	.06	.82	687	1	.01	51	.20	26	.10	<2	<2	8	<5	.01	<5	57	117	1
LT 442	.3	2.76	33	<5	120	<10	.10	<1	6	29	16	3.94	.05	.33	532	1	.03	28	.35	30	.16	14	<2	6	<5	.02	<5	34	105	1
LT 443	.2	2.41	40	<5	133	<10	.09	<1	12	34	30	4.26	.06	.63	640	2	.03	33	.28	23	.10	4	<2	7	<5	.02	<5	52	76	2
LT 444	.2	2.68	7	<5	134	<10	.17	<1	7	35	18	3.69	.05	.50	374	1	.02	32	.35	32	.19	6	<2	8	<5	.01	<5	40	142	1
LT 445	.3	2.58	9	<5	116	<10	.18	2	6	47	17	4.52	.04	.48	560	1	.03	31	.31	27	.15	<2	<2	7	<5	.09	<5	67	84	2
LT 446	.3	2.90	16	<5	148	<10	.20	<1	8	42	25	4.19	.06	.51	268	3	.03	37	.23	32	.15	17	<2	9	<5	.03	<5	51	113	3
LT 447	.4	3.20	35	<5	199	<10	.16	<1	11	44	33	4.55	.06	.58	506	1	.03	49	.26	33	.15	<2	<2	10	<5	.04	<5	52	148	6
LT 448	.2	1.98	36	<5	210	<10	.43	<1	8	39	39	3.28	.06	.66	675	2	.02	25	.18	21	.10	<2	<2	17	<5	.02	<5	65	59	8
LT 449	.2	1.81	57	<5	194	<10	.40	<1	10	41	35	3.81	.09	.87	623	2	.03	27	.32	18	.12	3	<2	14	<5	.01	<5	64	113	10
LT 450	.3	2.10	23	<5	152	<10	.15	<1	18	50	47	4.64	.07	1.28	837	3	.02	51	.13	26	.05	13	<2	8	<5	.03	<5	66	88	380
LT 451	.3	3.21	46	<5	262	<10	.23	<1	27	38	74	5.59	.07	1.97	975	1	.03	36	.24	30	.02	6	<2	18	<5	.05	<5	79	89	5
LT 452	.3	3.00	76	<5	183	<10	.22	<1	24	41	69	5.36	.05	1.63	972	1	.03	60	.17	42	.02	5	<2	13	<5	.13	<5	70	86	1
LT 453	.2	3.03	39	<5	144	<10	.24	<1	26	37	95	5.61	.07	1.92	1129	2	.02	33	.24	39	.04	2	<2	16	<5	.06	<5	77	98	2
LT 454	.2	2.99	34	<5	235	<10	.26	<1	24	36	78	5.29	.06	1.53	1057	2	.04	54	.21	35	.07	2	<2	15	<5	.13	<5	67	90	1
MP 001	.2	2.26	6	<5	351	<10	.06	<1	14	101	28	3.24	.07	.92	299	2	.01	122	.12	24	.02	5	<2	18	<5	.04	<5	61	65	2
MP 002	.2	1.96	5	<5	220	<10	.03	<1	7	64	27	3.59	.05	.38	320	3	.03	53	.11	22	.04	3	<2	13	<5	.03	<5	62	73	1
MP 003	.4	2.62	20	<5	857	<10	.07	<1	16	120	32	4.75	.08	1.01	565	2	.03	124	.08	21	.02	<2	<2	35	<5	.03	<5	82	101	1
MP 004	.3	2.22	7	<5	654	<10	.25	<1	23	115	35	3.67	.08	1.20	732	1	.03	162	.10	24	.03	6	<2	59	<5	.02	<5	66	88	6
MP 005	.2	2.16	15	<5	532	<10	.24	<1	22	121	30	4.67	.09	.82	1777	1	.03	137	.16	21	.05	10	<2	44	<5	.02	<5	76	93	2
MP 006	.3	1.12	10	<5	161	<10	.03	<1	5	38	26	3.61	.06	.16	658	2	.02	28	.23	15	.08	<2	<2	6	<5	.01	<5	54	60	7
MP 007	.2	2.18	31	<5	297	<10	.07	<1	13	76	23	4.55	.05	.58	719	2	.03	91	.12	25	.08	<2	<2	17	<5	.04	<5	49	91	6
MP 008	.3	2.69	7	<5	507	<10	.06	<1	18	94	58	4.39	.05	1.20	637	2	.04	213	.14	28	.05	22	<2	33	<5	.03	<5	60	85	1
MP 009	.2	1.00	14	<5	236	<10	.05	<1	54	34	35	3.03	.06	.16	4839	2	.02	26	.28	20	.13	<2	<2	10	<5	.02	<5	43	73	1
MP 010	.2	2.08	6	<5	237	<10	.10	<1	8	75	24	4.31	.06	.90	334	3	.03	95	.09	26	.05	3	<2	16	<5	.05	<5	64	87	7
MP 011	.2	2.12	29	<5	218	<10	.05	<1	9	78	25	3.54	.05	.75	278	3	.02	88	.06	20	.03	5	<2	13	<5	.03	<5	62	72	1
MP 012	.5	2.50	10	<5	245	<10	.08	<1	10	86	26	3.86	.10	.83	310	2	.01	100	.13	25	.03	<2	<2	14	<5	.03	<5	57	88	2
MP 013	.3	1.79	41	<5	249	<10	.07	<1	7	63	25	2.73	.07	.53	196	1	.01	63	.09	15	.03	9	<2	16	<5	.01	<5	56	56	2

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn	*Au
SAMPLE	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
MP 014	.3	2.39	7	<5	246	<10	.03	<1	9	75	21	3.41	.07	.70	256	2	.03	86	.11	24	.04	<2	<2	15	<5	.03	<5	55	63	1
MP 015	.4	2.68	8	<5	219	<10	.04	<1	8	79	29	4.42	.07	.69	315	2	.03	82	.22	29	.09	4	<2	16	<5	.01	<5	67	98	2
MP 021	.3	1.34	47	<5	453	<10	.12	<1	14	59	25	2.28	.07	.77	405	1	.03	104	.07	14	.04	<2	<2	33	<5	.03	<5	40	60	1
MP 022	.2	2.12	6	<5	960	<10	.28	<1	26	141	42	3.52	.10	2.31	512	1	.03	251	.13	21	.02	9	<2	185	<5	.02	<5	66	87	2
MP 023	.8	1.85	36	<5	2580	<10	.22	<1	21	114	39	3.14	.11	1.63	411	1	.01	207	.11	34	.02	87	<2	234	<5	.01	<5	55	79	3
MP 024	.2	1.80	39	<5	727	<10	.20	<1	16	62	22	3.16	.09	.65	1326	1	.02	79	.15	23	.06	7	<2	26	<5	.01	<5	57	89	1
MP 025	.2	1.76	34	<5	488	<10	.12	<1	11	73	28	3.45	.13	.56	526	1	.01	66	.18	16	.08	<2	<2	27	<5	.01	<5	66	126	1
MP 026	.2	1.62	11	<5	526	<10	.14	<1	10	69	26	3.14	.13	.45	624	1	.03	56	.21	14	.09	3	<2	29	<5	.01	<5	64	111	1
MP 027	.3	2.21	15	<5	423	<10	.20	<1	29	110	38	3.87	.11	1.10	1107	1	.01	164	.15	21	.07	2	<2	41	<5	.01	<5	66	114	23
MP 028	.2	1.52	24	<5	395	<10	.15	<1	16	64	27	2.64	.10	.74	499	1	.02	94	.06	16	.03	7	<2	30	<5	.02	<5	43	78	1
MP 029	.3	1.47	8	<5	400	<10	.15	<1	15	62	26	2.57	.10	.72	518	1	.01	91	.09	17	.01	6	<2	31	<5	.01	<5	42	77	3
MP 030	.2	1.43	23	<5	399	<10	.13	<1	14	61	25	2.52	.10	.69	465	2	.03	88	.05	18	.02	4	<2	29	<5	.02	<5	41	72	2
MP 031	.3	1.09	7	<5	265	<10	.14	<1	11	49	16	2.51	.08	.32	563	1	.02	45	.12	10	.07	<2	<2	18	<5	.01	<5	50	76	1
MP 032	.2	1.13	4	<5	490	<10	.09	<1	23	52	20	2.23	.08	.60	2748	1	.01	78	.10	14	.06	<2	<2	25	<5	.01	<5	45	73	1
MP 033	.3	2.22	12	<5	723	<10	.16	<1	25	104	38	3.57	.12	1.60	1003	1	.02	196	.09	22	.02	3	<2	53	<5	.02	<5	63	103	2
MP 034	.2	1.65	11	<5	361	<10	.06	<1	10	65	24	2.52	.07	.66	253	2	.03	87	.05	15	.03	2	<2	18	<5	.03	<5	41	62	1
P-01 (Rock)	.2	.18	13	<5	192	<10	.02	<1	2	61	3	1.54	.17	.01	40	3	.04	3	.03	21	.61	<2	<2	13	<5	.01	<5	2	9	1
P-02 (Rock)	.2	.26	14	<5	147	<10	.09	<1	3	38	2	1.00	.21	.06	42	3	.03	2	.02	13	.84	8	<2	6	<5	.02	<5	4	10	1
P-03 (Rock)	.2	.08	16	<5	25	<10	.36	<1	2	121	3	.33	.01	.04	287	7	.01	4	.03	10	.02	4	<2	9	<5	.02	<5	2	18	5
TR-01 (Rock)	2.2	.92	5	<5	71	<10	1.72	5	4	42	42	2.09	.07	.55	350	14	.04	36	.14	16	.57	9	<2	21	<5	.01	<5	60	354	6

PIONEER LABORATORIES INC. #103 - 2691 VISCOUNT WAY RICHMOND, BC CANADA V6V 2R5 TELEPHONE (604) 231-8165

G E O C H E M I C A L   A N A L Y S I S   C E R T I F I C A T E

TEUTON RESOURCES CORP.

Project:
Sample Type: Soils

Multi-element ICP Analysis - 0.500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with water. This leach is partial for Al, B, Ba, Cr, Fe, Mg, Mn, Na, P, S, Sn, Ti and limited for Na and K. *Au Analysis- 20 gram sample is digested with aqua regia, MIBK extracted, and is finished by AA or graphite furnace AA to 1 ppb detection.

Analyst _______________
Report No. 2131218
Date: August 16, 2013

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
LT1	.2	2.17	47	<5	111	<10	.07	<1	17	42	21	5.92	.05	1.02	2067	5	.03	28	.26	36	.07	<2	<2	6	<5	.08	<5	70	111	4
LT2	.3	2.13	29	<5	97	<10	.05	<1	8	32	13	4.48	.03	.46	714	3	.04	20	.21	34	.15	<2	<2	5	<5	.07	<5	49	88	2
LT3	.2	2.41	16	<5	98	<10	.24	<1	9	36	27	4.42	.05	.54	643	5	.04	28	.26	41	.15	<2	<2	10	<5	.08	<5	64	72	2
LT4	.6	2.04	42	<5	85	<10	.11	<1	17	37	19	4.37	.04	1.54	963	2	.03	38	.21	30	.07	4	<2	5	<5	.07	<5	63	87	18
LT5	.2	1.85	26	<5	151	<10	.23	<1	32	23	37	6.29	.05	.96	2349	1	.03	26	.21	22	.10	<2	<2	6	<5	.02	<5	65	38	3
LT6	.2	2.37	28	<5	159	<10	.15	<1	23	38	76	4.79	.07	1.90	663	2	.02	34	.12	35	.02	<2	<2	6	<5	.01	<5	77	42	2
LT7	.2	1.43	31	<5	79	<10	.13	<1	17	35	17	4.87	.04	.75	989	4	.03	22	.16	22	.15	4	<2	6	6	.08	<5	98	69	2
LT8	.4	1.78	35	<5	189	<10	.93	<1	13	28	59	3.87	.03	.84	980	1	.03	33	.24	23	.18	9	<2	19	<5	.07	<5	41	153	3
LT9	.6	1.89	26	<5	143	<10	.10	<1	17	26	30	5.76	.04	.74	2056	3	.02	24	.22	28	.10	<2	<2	6	9	.08	<5	54	81	2
LT10	.2	2.01	26	<5	129	<10	.35	<1	17	29	23	4.44	.05	1.07	1214	3	.03	40	.27	28	.13	6	<2	10	6	.07	<5	45	127	7
LT11	.4	1.94	55	<5	158	<10	.50	<1	24	34	44	4.84	.04	1.70	1391	2	.03	48	.16	27	.08	<2	<2	12	8	.08	<5	55	95	16
LT12	.2	1.97	61	<5	87	<10	.27	<1	22	34	73	4.30	.03	1.93	839	1	.03	54	.20	17	.02	6	<2	9	<5	.07	<5	60	66	17
LT13	.4	1.93	33	<5	54	<10	.07	2	15	37	24	4.37	.03	1.16	743	2	.02	29	.19	24	.06	<2	<2	5	<5	.08	<5	68	84	18
LT14	.3	2.03	25	<5	75	<10	.04	<1	8	29	17	4.77	.05	.45	1124	5	.03	18	.12	30	.09	<2	<2	5	<5	.07	<5	48	86	4
LT15	.6	1.60	29	<5	45	<10	.13	<1	14	30	21	3.91	.03	1.19	811	1	.03	33	.21	22	.04	3	<2	6	<5	.08	<5	60	63	3
LT16	.6	1.82	37	<5	152	<10	.17	<1	16	33	31	3.97	.05	1.19	1062	3	.02	33	.18	27	.07	4	<2	8	8	.08	<5	61	52	18
LT17	.4	1.83	36	<5	190	<10	.58	<1	23	40	78	4.25	.08	1.73	1006	2	.03	48	.24	19	.04	6	<2	17	<5	.07	<5	72	55	6
LT18	.3	1.87	22	<5	228	<10	.36	<1	15	30	34	4.27	.05	.84	1364	3	.02	26	.25	28	.08	<2	<2	13	<5	.06	<5	52	54	7
LT19	.6	1.52	26	<5	264	<10	.39	<1	13	27	37	4.14	.06	.86	1451	1	.02	25	.22	15	.10	<2	<2	13	<5	.04	<5	65	86	5
LT20	.3	1.91	23	<5	187	<10	.46	<1	20	37	31	4.87	.07	1.12	1741	4	.02	29	.25	29	.11	<2	<2	15	<5	.04	<5	63	88	4
LT21	.4	1.66	8	<5	193	<10	.25	<1	13	35	20	3.71	.07	.91	1245	2	.02	24	.26	23	.10	<2	<2	11	<5	.04	<5	63	91	4
LT22	.6	1.51	7	<5	171	<10	.28	<1	15	39	29	4.22	.07	1.02	1445	4	.02	29	.23	15	.11	<2	<2	14	<5	.06	<5	68	99	6
LT23	.5	1.78	25	<5	103	<10	.13	<1	13	27	45	4.10	.06	.78	1048	3	.03	26	.23	23	.09	<2	<2	7	<5	.06	<5	64	133	4
LT24	.4	.98	18	<5	66	<10	.05	<1	15	19	26	3.28	.04	.41	1274	3	.02	12	.14	12	.08	<2	<2	4	6	.02	<5	61	62	3
LT25	.8	1.95	37	<5	191	<10	.15	<1	17	36	39	4.27	.07	1.03	1804	2	.03	32	.15	23	.08	<2	<2	8	<5	.06	<5	65	122	6
LT26	.4	1.84	46	<5	159	<10	.20	<1	28	43	78	4.45	.07	1.43	1736	2	.02	50	.10	22	.06	<2	<2	11	<5	.07	<5	74	123	6
LT27	.2	1.32	31	<5	121	<10	.25	<1	12	30	33	3.29	.06	.95	461	1	.02	34	.12	13	.05	<2	<2	11	<5	.08	<5	56	78	7
LT28	.4	1.82	12	<5	125	<10	.28	<1	18	40	40	3.95	.07	1.44	960	2	.02	53	.14	20	.03	<2	<2	10	<5	.07	<5	62	56	7
LT29	.3	2.00	14	<5	117	<10	.32	<1	22	43	57	4.56	.11	1.60	1113	1	.02	53	.17	24	.04	4	<2	12	<5	.08	<5	68	101	11
LT30	.2	1.78	31	<5	188	<10	1.78	2	24	43	63	4.32	.09	1.81	1051	3	.03	59	.20	20	.02	<2	<2	32	6	.07	<5	72	62	22
LT31	.1	1.89	19	<5	116	<10	.24	<1	14	36	23	4.67	.04	.98	1057	4	.02	30	.19	25	.14	<2	<2	10	<5	.08	<5	62	60	3
LT32	.2	2.47	8	<5	98	<10	.08	<1	21	34	35	4.96	.05	1.29	1104	3	.02	24	.22	29	.11	<2	<2	6	<5	.01	<5	71	52	2
LT33	.2	2.82	32	<5	134	<10	.10	<1	23	42	48	6.29	.05	1.49	1290	5	.02	33	.12	31	.04	8	<2	5	7	.08	<5	107	46	3
LT34	.1	2.58	29	<5	107	<10	.07	<1	25	39	44	4.83	.06	1.69	943	3	.02	32	.15	30	.06	<2	<2	4	<5	.02	<5	72	50	15
LT35	.2	2.43	22	<5	78	<10	.05	<1	13	26	16	4.19	.05	.50	1112	4	.03	22	.13	41	.08	<2	<2	5	<5	.08	<5	35	95	14
LT36	.1	2.09	50	<5	77	<10	.11	<1	22	40	22	4.86	.03	1.54	1206	3	.02	48	.08	31	.13	<2	<2	5	5	.07	<5	59	78	12
LT37	.4	2.32	22	<5	93	<10	.07	<1	9	39	17	4.10	.04	.80	898	2	.02	22	.14	30	.08	<2	<2	7	<5	.06	<5	63	68	2
LT38	.2	2.72	15	<5	87	<10	.22	<1	21	39	40	4.71	.04	2.22	1028	1	.03	54	.09	27	.04	<2	<2	8	8	.09	<5	54	96	9
LT39	.4	3.23	55	<5	95	<10	.24	<1	28	44	29	5.57	.05	1.90	1502	3	.03	61	.18	35	.10	3	<2	8	6	.07	<5	57	132	7
LT40	.1	2.98	27	<5	170	<10	.26	<1	21	42	27	4.99	.05	1.79	1057	4	.03	64	.11	31	.08	5	<2	12	<5	.08	<5	51	131	8

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn	*Au
SAMPLE	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
LT41	.2	.25	45	<5	50	<10	10.81	<1	7	7	8	4.59	.01	5.82	3213	2	.02	17	.05	5	.06	4	<2	65	7	.01	<5	7	18	2
LT42	.4	2.22	30	<5	123	<10	2.00	<1	22	54	59	4.91	.05	2.57	982	10	.02	96	.10	28	.10	7	<2	35	<5	.02	<5	55	113	23
LT43	.1	2.18	60	<5	156	<10	3.40	<1	25	57	88	5.58	.07	2.64	1855	11	.02	105	.13	20	.09	<2	<2	52	7	.03	<5	56	196	34
LT44	.2	2.44	41	<5	215	<10	4.07	<1	21	45	45	6.48	.08	2.26	2704	7	.02	80	.12	22	.07	4	<2	46	<5	.03	<5	46	83	27
LT45	.1	2.52	26	<5	213	<10	.79	<1	13	42	27	4.54	.06	1.15	910	2	.03	55	.06	29	.06	<2	<2	19	<5	.06	<5	50	99	6
LT46	.8	2.89	53	<5	415	<10	.58	<1	25	79	36	6.26	.06	2.62	2313	3	.02	76	.14	31	.05	3	<2	13	<5	.02	<5	57	66	8
LT47	.2	3.14	32	<5	160	<10	.19	<1	18	81	28	4.72	.05	2.32	668	1	.02	66	.15	32	.06	<2	<2	8	<5	.02	<5	68	68	9
LT48	.1	3.02	47	<5	260	<10	.65	<1	21	38	33	5.21	.06	1.53	1805	2	.02	35	.28	30	.12	<2	<2	17	<5	.01	<5	58	99	16
LT49	.2	2.96	83	<5	178	<10	.24	2	37	50	59	6.94	.09	2.43	1885	3	.02	47	.08	29	.08	<2	<2	12	<5	.02	<5	73	60	10
LT50	.1	3.58	50	<5	160	<10	.19	<1	26	60	37	5.90	.08	2.70	1326	1	.02	55	.06	30	.04	6	<2	10	11	.02	<5	76	62	9
LT51	.2	3.21	32	<5	171	<10	.19	<1	22	46	34	5.36	.06	2.29	1138	3	.02	39	.12	30	.03	4	<2	8	<5	.02	<5	76	50	8
LT52	.1	3.48	33	<5	240	<10	.25	<1	16	31	25	4.75	.05	1.06	1274	4	.03	38	.11	37	.08	<2	<2	10	<5	.05	<5	44	98	5
LT53	.2	3.32	26	<5	176	<10	.20	<1	22	52	28	5.25	.06	2.00	1824	3	.02	51	.08	49	.07	3	<2	10	<5	.03	<5	56	72	3
LT54	.1	2.97	31	<5	203	<10	.20	<1	20	47	26	5.42	.04	1.65	1622	1	.02	42	.10	25	.08	<2	<2	11	<5	.03	<5	67	61	2
LT55	.2	3.15	23	<5	188	<10	.24	<1	21	47	26	5.16	.05	2.22	1093	2	.02	39	.10	31	.04	<2	<2	10	<5	.01	<5	71	50	1
LT56	.1	2.21	7	<5	141	<10	.09	<1	12	32	22	3.48	.05	.83	1834	1	.02	19	.14	22	.16	<2	<2	7	7	.01	<5	62	41	2
LT57	.2	3.12	19	<5	183	<10	.20	<1	20	35	47	6.92	.05	1.14	2955	4	.02	39	.14	33	.11	<2	<2	10	6	.03	<5	40	83	2
LT58	.1	3.16	21	<5	136	<10	.28	<1	21	64	29	5.08	.07	2.34	1317	1	.02	55	.12	32	.05	<2	<2	10	<5	.04	<5	56	70	1
LT59	.2	2.81	31	<5	159	<10	.26	<1	11	35	23	4.63	.05	.73	1179	2	.03	32	.22	32	.16	<2	<2	11	<5	.03	<5	39	77	1
LT60	.1	2.79	14	<5	126	<10	.12	<1	17	55	20	4.82	.07	1.95	968	3	.02	38	.17	29	.11	<2	<2	7	6	.02	<5	69	70	1
LT61	.2	3.16	25	<5	193	<10	.36	<1	26	54	63	5.56	.08	2.22	1472	2	.02	48	.18	31	.05	<2	<2	12	<5	.01	<5	69	63	2
LT62	.4	2.63	20	<5	198	<10	.82	<1	21	50	52	4.94	.08	2.28	1050	3	.02	41	.16	24	.06	<2	<2	18	<5	.02	<5	71	57	1
LT63	.2	2.14	10	<5	145	<10	.25	<1	5	39	20	3.32	.05	.51	684	3	.02	22	.15	22	.16	<2	<2	11	<5	.02	<5	55	61	2
LT64	.1	1.49	13	<5	268	<10	.41	<1	12	22	18	3.80	.05	.47	1885	2	.02	17	.29	17	.16	<2	<2	12	<5	.02	<5	38	62	1
LT65	.2	2.00	24	<5	174	<10	.19	<1	8	27	19	4.05	.05	.61	1012	3	.02	22	.18	20	.15	3	<2	10	<5	.02	<5	46	68	2
LT66	.1	1.45	26	<5	269	<10	.32	<1	9	20	16	2.66	.06	.37	1848	2	.02	12	.29	18	.20	4	<2	13	<5	.01	<5	42	52	1
LT67	.2	2.34	23	<5	171	<10	.15	<1	9	33	20	4.36	.05	.58	1328	4	.02	26	.13	26	.13	<2	<2	8	7	.03	<5	53	88	2
LT68	.1	2.00	26	<5	150	<10	.19	<1	13	28	22	4.76	.05	.84	1130	3	.02	25	.19	17	.14	<2	<2	10	<5	.02	<5	60	68	1
LT69	.2	2.06	19	<5	153	<10	.17	<1	8	26	18	4.37	.05	.64	1048	4	.02	20	.24	28	.15	<2	<2	8	8	.02	<5	44	92	1
LT70	.1	2.15	14	<5	167	<10	.19	<1	17	32	21	4.87	.04	.62	1962	3	.02	26	.15	21	.16	<2	<2	8	6	.03	<5	52	82	2
LT71	.2	2.96	40	<5	224	<10	1.06	<1	13	34	17	4.15	.04	.73	1342	2	.03	33	.15	31	.15	<2	<2	25	7	.07	<5	52	92	1
LT72	.2	2.63	46	<5	546	<10	1.60	<1	9	45	60	3.77	.05	1.17	290	3	.03	41	.14	24	.19	2	<2	32	<5	.04	<5	41	73	2
LT73	.6	2.49	35	<5	138	<10	1.22	2	24	54	52	4.59	.03	2.81	1451	1	.02	47	.13	24	.04	<2	<2	18	<5	.03	<5	44	63	19
LT74	.4	2.45	63	<5	94	<10	.96	<1	22	51	45	4.16	.05	2.87	1172	2	.02	44	.19	28	.02	<2	<2	17	<5	.03	<5	43	59	15
LT75	.6	2.19	14	<5	84	<10	2.27	<1	21	46	42	3.95	.04	2.43	1203	3	.02	42	.13	18	.03	<2	<2	29	<5	.03	<5	40	50	28
LT76	.2	2.41	7	<5	248	<10	.69	<1	16	45	20	4.91	.02	1.19	3269	2	.03	43	.09	28	.11	<2	<2	14	6	.03	<5	47	49	2
LT77	.4	2.28	4	<5	81	<10	4.32	<1	24	53	50	4.57	.04	2.82	1448	3	.02	42	.08	17	.04	<2	<2	46	<5	.02	<5	40	44	1
LT78	.2	2.48	38	<5	137	<10	.36	<1	9	28	17	4.72	.03	.66	1410	5	.03	28	.09	32	.11	2	<2	10	<5	.03	<5	33	64	1
LT79	.4	2.68	24	<5	208	<10	.55	<1	22	25	16	5.75	.03	.66	2450	3	.03	36	.13	29	.17	<2	<2	13	<5	.01	<5	39	44	2
LT80	.3	2.27	28	<5	163	<10	.54	<1	9	28	19	4.38	.03	.50	1356	2	.03	23	.12	26	.16	<2	<2	14	<5	.03	<5	40	83	1
LT81	.2	2.25	36	<5	202	<10	1.02	<1	15	44	42	4.51	.04	1.56	1279	3	.03	50	.10	23	.12	<2	<2	24	<5	.02	<5	41	79	11
LT82	.1	2.19	47	<5	171	<10	.91	<1	20	45	50	4.95	.04	1.94	1844	1	.02	47	.12	20	.09	4	<2	18	8	.01	<5	51	59	3
LT83	.6	2.02	30	<5	323	<10	.47	<1	15	40	33	4.69	.04	1.53	1257	2	.02	36	.13	18	.12	<2	<2	11	5	.01	<5	48	47	2
LT84	.4	1.93	34	<5	220	<10	1.11	<1	16	37	31	4.31	.02	1.17	1613	4	.02	39	.19	19	.14	9	<2	23	5	.02	<5	48	60	1
LT85	.2	2.45	27	<5	283	<10	.48	<1	21	46	39	4.34	.03	1.76	1394	1	.02	45	.16	25	.08	7	<2	15	6	.01	<5	63	59	14
LT86	.4	2.33	10	<5	207	<10	.17	<1	17	45	29	4.17	.04	1.59	1179	2	.02	39	.15	22	.10	<2	<2	9	<5	.01	<5	58	58	1
LT87	.3	2.61	14	<5	169	<10	.15	<1	17	47	26	4.27	.04	1.97	1129	1	.02	47	.12	34	.06	3	<2	8	<5	.01	<5	44	74	20
LT88	.4	2.85	60	<5	185	<10	.17	<1	25	60	51	5.00	.04	2.79	967	2	.02	56	.14	28	.03	<2	<2	8	<5	.01	<5	68	63	16

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn	*Au
SAMPLE	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
LT89	.2	2.23	26	<5	215	<10	.20	<1	14	31	20	3.83	.04	1.07	944	1	.02	33	.12	23	.09	<2	<2	11	<5	.02	<5	55	55	14
LT90	.1	2.67	36	<5	241	<10	.24	<1	20	38	50	4.79	.04	1.58	1323	2	.02	37	.12	26	.06	<2	<2	11	<5	.01	<5	65	62	1
LT91	.6	2.16	27	<5	224	<10	1.30	<1	15	37	19	4.03	.04	1.10	1577	3	.03	51	.16	23	.11	<2	<2	23	<5	.02	<5	52	78	2
LT92	.4	1.95	36	<5	203	<10	1.22	<1	12	31	19	3.40	.02	.90	1071	2	.02	47	.12	17	.10	<2	<2	20	5	.02	<5	43	74	1
LT93	.8	2.43	28	<5	165	<10	.28	<1	16	56	26	4.18	.04	1.70	1032	3	.02	58	.15	26	.06	3	<2	9	7	.01	<5	44	64	2
LT94	.6	2.13	32	<5	197	<10	.39	<1	14	43	22	4.07	.03	1.31	1049	2	.03	58	.12	21	.04	<2	<2	13	<5	.02	<5	51	64	18
LT95	.4	2.25	66	<5	1106	<10	.51	<1	20	43	41	11.42	.03	1.29	8570	9	.02	70	.13	21	.06	<2	<2	16	18	.01	<5	40	105	12
LT96	.4	1.50	43	<5	349	<10	4.88	<1	16	26	39	8.19	.01	2.61	5035	2	.02	48	.12	17	.12	4	<2	39	20	.02	<5	30	76	3
LT97	.2	2.57	7	<5	158	<10	.23	<1	19	36	45	4.95	.03	1.29	1126	3	.03	66	.13	27	.05	<2	<2	11	6	.05	<5	52	105	1
LT98	.6	2.68	32	<5	144	<10	.19	<1	16	36	32	4.45	.04	1.35	795	1	.03	61	.22	28	.07	<2	<2	9	<5	.06	<5	42	114	2
LT99	.4	2.50	11	<5	102	<10	.15	<1	16	38	35	4.10	.03	1.35	699	2	.03	69	.10	22	.06	<2	<2	9	<5	.05	<5	43	102	1
LT100	.3	2.74	18	<5	179	<10	.16	<1	20	39	40	4.37	.05	1.46	906	1	.03	75	.12	27	.07	5	<2	10	<5	.06	<5	51	101	2
LT101	.4	2.50	39	<5	153	<10	.17	<1	17	37	33	4.37	.04	1.14	1080	3	.03	67	.09	34	.09	2	<2	9	6	.08	<5	47	115	1
LT102	.2	2.43	32	<5	160	<10	.19	<1	19	37	39	4.55	.03	1.28	1171	2	.03	66	.13	29	.08	<2	<2	11	<5	.07	<5	50	142	2
LT103	.1	2.61	37	<5	148	<10	.13	<1	21	40	52	4.59	.04	1.64	965	1	.02	56	.13	33	.04	<2	<2	8	<5	.03	<5	58	87	1
LT104	.4	2.48	9	<5	107	<10	.17	<1	16	38	29	4.26	.04	1.16	922	3	.03	69	.20	26	.08	5	<2	8	<5	.05	<5	43	119	2
LT105	.2	2.68	43	<5	221	<10	.21	<1	24	73	66	4.80	.03	1.89	779	4	.03	120	.20	24	.04	9	<2	15	12	.06	<5	55	78	2
LT106	.4	2.34	38	<5	139	<10	.19	<1	24	53	62	4.59	.04	1.70	803	3	.02	94	.17	23	.03	<2	<2	13	7	.04	<5	52	87	1
LT107	.2	2.22	34	<5	127	<10	.20	<1	21	37	57	4.34	.03	1.43	765	4	.02	70	.13	18	.02	<2	<2	11	<5	.03	<5	43	79	2
LT108	.4	2.53	21	<5	191	<10	.23	<1	16	32	27	4.08	.05	1.16	829	3	.04	70	.10	28	.05	<2	<2	10	<5	.09	<5	34	101	1
LT109	.2	1.77	28	<5	69	<10	.20	<1	21	35	73	4.39	.01	1.14	752	3	.02	75	.16	17	.03	4	<2	11	9	.04	<5	52	79	7
LT110	.4	2.67	21	<5	88	<10	.19	<1	17	37	42	4.42	.04	1.28	816	4	.02	67	.23	31	.05	5	<2	9	<5	.10	<5	47	101	6
LT111	.3	2.20	50	<5	114	<10	.08	<1	19	30	38	4.37	.03	1.10	1392	3	.02	36	.14	22	.08	<2	<2	8	6	.04	<5	52	95	5
LT112	.2	2.41	36	<5	139	<10	.12	<1	15	32	39	4.20	.04	1.08	951	4	.02	50	.15	27	.07	<2	<2	9	<5	.05	<5	44	99	1
LT113	.4	2.23	26	<5	132	<10	.11	<1	12	37	28	4.76	.04	.96	913	3	.02	41	.13	26	.06	<2	<2	9	6	.09	<5	62	70	2
LT114	.3	2.53	45	<5	160	<10	.12	<1	12	31	35	4.37	.05	1.08	841	4	.02	47	.13	25	.09	<2	<2	8	<5	.05	<5	37	95	1
LT115	.2	2.36	44	<5	83	<10	.07	<1	19	40	47	4.87	.03	1.32	1007	3	.02	47	.12	24	.07	<2	<2	5	<5	.06	<5	52	76	4
LT116	.2	2.89	16	<5	188	<10	.19	<1	17	36	154	4.32	.04	1.20	1336	2	.02	66	.11	29	.10	<2	<2	11	<5	.08	<5	46	80	6
LT117	.1	2.76	36	<5	165	<10	.27	<1	21	36	68	4.70	.04	1.64	956	3	.03	83	.13	25	.05	<2	<2	10	<5	.07	<5	51	99	3
LT118	.2	2.87	41	<5	157	<10	.26	<1	24	41	41	5.14	.05	1.64	912	2	.04	81	.15	29	.07	6	<2	11	<5	.08	<5	55	150	1
LT119	.6	2.65	50	<5	140	<10	.20	<1	20	28	53	4.79	.04	1.29	776	4	.03	47	.19	30	.06	<2	<2	11	5	.03	<5	47	107	2
LT120	.2	2.89	21	<5	224	<10	.18	<1	19	43	48	4.71	.04	1.54	892	1	.03	75	.17	28	.05	<2	<2	11	<5	.08	<5	55	102	1
LT121	.2	2.03	36	5	302	<10	.77	<1	14	16	30	3.30	.10	.90	1136	2	.04	19	.08	23	.02	<2	<2	104	<5	.07	<5	66	60	2
LT122	.4	1.66	25	<5	279	<10	.84	<1	11	6	22	3.32	.12	.94	1007	1	.03	12	.09	19	.01	<2	<2	20	<5	.03	<5	37	59	1
LT123	.3	2.07	4	<5	315	<10	.62	<1	15	30	34	4.44	.11	.59	1234	3	.04	22	.13	21	.04	<2	<2	43	7	.08	<5	78	86	2
LT124	.1	1.97	32	6	237	<10	.89	<1	15	23	28	3.67	.13	1.12	1118	1	.03	31	.13	18	.04	4	<2	65	<5	.07	<5	76	68	5
LT125	.2	1.67	37	5	190	<10	1.03	<1	11	5	80	3.20	.13	.55	1520	2	.03	3	.05	18	.01	4	<2	24	<5	.01	<5	41	55	6
LT126	.1	1.06	22	<5	182	<10	4.94	<1	12	6	36	3.37	.11	.28	674	4	.03	8	.12	15	.01	<2	<2	34	<5	.01	<5	29	68	4
LT127	.4	.59	26	6	428	<10	2.41	<1	15	8	19	3.88	.10	.17	1576	1	.03	11	.14	9	.02	<2	<2	21	8	.01	<5	39	89	2
LT128	.2	.76	11	<5	230	<10	.47	<1	5	2	12	2.33	.09	.25	945	2	.03	3	.02	8	.00	<2	<2	13	<5	.02	<5	21	45	1
LT129	.6	2.38	23	<5	174	<10	.11	<1	18	43	25	4.03	.04	1.75	1166	3	.03	41	.10	28	.08	<2	<2	8	<5	.01	<5	62	66	2
LT130	.2	2.82	37	<5	168	<10	.31	<1	23	45	26	4.55	.03	1.97	721	2	.04	70	.08	31	.06	<2	<2	13	<5	.08	<5	67	67	1
LT131	.1	2.26	25	<5	140	<10	.14	<1	19	37	28	3.97	.04	2.23	755	1	.03	44	.16	20	.04	5	<2	8	8	.02	<5	61	68	2
LT132	.4	2.39	11	<5	231	<10	.23	<1	23	47	32	4.37	.04	1.93	1306	2	.03	58	.14	25	.07	<2	<2	10	<5	.08	<5	70	69	1
LT133	.2	3.53	7	<5	106	<10	.31	2	26	52	54	5.34	.04	2.48	991	3	.04	75	.21	35	.06	4	<2	10	8	.07	<5	87	88	2
LT134	.6	2.53	26	<5	69	<10	.19	<1	23	65	41	4.45	.05	2.65	929	3	.03	61	.11	20	.02	<2	<2	10	5	.06	<5	93	72	1
LT135	.2	2.71	24	<5	78	<10	.26	<1	24	46	27	4.85	.03	2.32	1171	2	.03	51	.17	27	.06	4	<2	13	<5	.08	<5	83	102	2
LT136	.1	2.65	40	<5	75	<10	.23	<1	20	41	27	4.86	.03	1.37	1094	3	.04	62	.16	31	.11	3	<2	9	10	.07	<5	60	89	1
LT137	.2	1.68	25	<5	103	<10	.46	<1	28	45	31	5.19	.04	2.64	957	2	.08	112	.13	17	.03	<2	<2	21	9	.08	<5	62	88	2

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn	*Au
SAMPLE	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
LT138	.4	2.39	74	<5	151	<10	.60	<1	23	45	58	4.85	.02	1.72	1022	5	.04	86	.08	24	.07	4	<2	21	12	.07	<5	71	113	1
LT139	.1	2.88	17	<5	133	<10	.43	<1	27	42	30	4.92	.04	1.86	2031	2	.05	80	.12	27	.05	<2	<2	16	<5	.08	<5	72	105	3
LT140	.2	2.87	20	<5	84	<10	.19	<1	18	42	21	4.71	.03	1.28	899	4	.04	58	.10	30	.11	4	<2	9	9	.07	<5	59	92	2
LT141	.1	3.06	8	<5	116	<10	.14	<1	23	75	32	5.04	.03	2.82	928	1	.03	64	.12	27	.05	<2	<2	8	10	.05	<5	102	58	1
LT142	.2	2.75	18	<5	78	<10	.16	<1	22	58	31	4.60	.02	2.39	883	2	.03	51	.17	26	.03	<2	<2	6	<5	.06	<5	87	59	2
LT143	.4	2.39	27	<5	180	<10	.16	<1	19	56	30	4.14	.04	1.03	1511	1	.03	39	.12	25	.12	<2	<2	11	<5	.05	<5	68	79	1
LT144	.2	1.91	34	<5	158	<10	.12	<1	20	82	18	3.32	.05	1.95	411	2	.03	55	.17	15	.10	<2	<2	6	<5	.01	<5	48	64	2
LT145	.1	1.96	11	<5	103	<10	.22	<1	20	52	29	4.38	.04	1.72	1357	3	.05	61	.01	15	.08	4	<2	9	<5	.08	<5	72	112	1
LT146	.2	2.49	8	<5	184	<10	.31	<1	26	81	37	5.07	.04	2.09	1554	1	.05	70	.02	16	.11	9	<2	16	<5	.08	<5	102	113	2
LT147	.1	2.39	19	<5	143	<10	.31	<1	18	56	28	4.77	.04	1.47	810	2	.05	58	.01	21	.07	4	<2	13	<5	.07	<5	82	93	1
LT148	.2	2.99	8	<5	153	<10	.23	2	26	98	50	4.82	.05	2.96	1042	1	.05	78	.02	20	.05	7	<2	11	<5	.07	<5	110	83	2
LT149	.4	2.68	34	<5	180	<10	.32	<1	24	77	35	4.74	.04	2.56	823	2	.05	78	.01	21	.05	5	<2	15	<5	.08	<5	95	88	1
LT150	.1	2.19	13	<5	121	<10	.24	<1	20	60	28	3.73	.04	1.92	646	2	.05	59	.01	18	.05	<2	<2	11	<5	.07	<5	75	66	2
LT151	.2	1.85	43	<5	187	<10	.20	<1	18	60	29	3.51	.06	1.75	760	1	.04	39	.02	12	.12	3	<2	13	<5	.02	<5	78	68	1
LT152	.1	2.33	18	<5	141	<10	.32	<1	19	47	24	4.16	.04	1.53	883	3	.07	58	.01	21	.09	3	<2	13	<5	.08	<5	62	82	2
LT153	.4	2.24	34	<5	119	<10	.16	<1	19	57	37	4.03	.05	1.90	911	1	.05	56	.01	16	.07	<2	<2	9	<5	.09	<5	81	83	1
LT154	.2	2.85	7	<5	125	<10	.23	<1	18	48	40	4.23	.05	1.48	1254	1	.07	61	.02	25	.09	4	<2	9	<5	.08	<5	64	93	2
LT155	.4	1.92	28	<5	98	<10	.11	<1	14	40	32	3.56	.04	1.15	696	3	.05	31	.01	18	.11	<2	<2	8	<5	.03	<5	67	78	1
LT156	.8	2.53	4	<5	148	<10	.20	<1	22	54	34	4.47	.05	2.28	927	1	.05	59	.02	20	.06	<2	<2	11	<5	.07	<5	94	79	2
LT157	.2	2.30	5	<5	143	<10	.22	<1	20	58	29	4.60	.04	2.34	1121	3	.05	61	.01	15	.03	4	<2	11	<5	.05	<5	100	61	3
LT158	.1	1.87	4	5	140	<10	.23	<1	19	47	26	3.32	.04	1.78	607	1	.05	62	.01	18	.03	<2	<2	11	<5	.09	<5	70	62	2
LT159	.1	2.63	20	<5	135	<10	.23	<1	22	51	34	4.81	.04	2.16	852	2	.04	59	.05	19	.04	<2	<2	13	<5	.07	<5	93	55	3
LT160	.2	2.44	63	<5	167	<10	.15	<1	17	45	27	4.42	.05	1.68	722	1	.04	47	.06	19	.07	5	<2	11	<5	.04	<5	82	56	7
LT161	.1	2.50	31	<5	137	<10	.18	<1	19	46	31	4.82	.04	1.86	1045	3	.04	42	.10	17	.07	<2	<2	10	<5	.06	<5	89	63	5
LT162	.6	2.53	14	<5	108	<10	.09	<1	16	49	28	4.32	.04	1.63	588	2	.04	38	.11	16	.08	5	<2	6	<5	.04	<5	80	64	3
LT163	.2	2.93	29	<5	154	<10	.27	2	29	52	63	5.68	.05	2.85	1161	1	.04	58	.09	21	.04	<2	<2	18	<5	.08	<5	109	72	2
LT164	.4	2.27	12	<5	232	<10	.32	<1	18	59	29	4.16	.05	1.50	622	1	.04	52	.10	19	.13	<2	<2	15	<5	.04	<5	69	57	2
LT165	.2	2.85	8	<5	150	<10	.28	<1	18	40	31	4.48	.04	1.58	873	2	.04	66	.09	20	.08	<2	<2	11	<5	.08	<5	66	56	1
LT166	.6	2.50	65	<5	156	<10	.28	<1	20	39	46	4.64	.05	1.47	862	4	.04	80	.14	25	.05	10	<2	18	<5	.07	<5	62	128	2
LT167	.5	2.51	75	<5	160	<10	.45	<1	19	36	48	4.88	.05	1.38	765	6	.05	99	.09	19	.05	9	<2	20	<5	.08	<5	61	139	1
LT168	.4	2.52	100	<5	216	<10	.40	<1	24	39	59	5.08	.06	1.97	935	3	.04	73	.08	20	.06	7	<2	26	<5	.08	<5	65	106	2
LT169	.3	1.95	66	<5	158	<10	.39	<1	24	35	58	4.51	.06	1.99	841	7	.04	87	.10	17	.02	6	<2	25	<5	.07	<5	58	144	1
LT170	.2	2.50	68	<5	246	<10	.48	<1	19	35	65	4.28	.05	1.68	623	2	.04	54	.10	22	.06	6	<2	40	<5	.08	<5	58	136	2
LT171	.4	2.66	85	<5	174	<10	.40	<1	22	38	53	4.61	.06	1.54	908	1	.05	61	.09	23	.05	<2	<2	28	<5	.07	<5	62	99	1
LT172	.5	2.46	88	<5	194	<10	.49	<1	28	43	74	4.96	.07	2.35	990	2	.04	69	.14	25	.02	3	<2	35	<5	.08	<5	68	93	2
LT173	.8	2.79	60	<5	228	<10	.33	<1	23	41	70	4.41	.06	1.93	825	1	.04	71	.12	23	.03	5	<2	34	<5	.07	<5	58	81	1
LT174	.6	3.42	23	<5	215	<10	.31	<1	25	43	45	5.16	.06	1.60	1254	3	.04	66	.19	30	.10	6	<2	39	<5	.08	<5	80	99	2
LT175	.4	4.79	91	<5	351	<10	2.24	<1	28	58	35	6.06	.71	2.59	744	1	.05	87	.18	28	.02	4	<2	930	<5	.08	<5	64	137	1
LT176	.2	2.70	37	<5	168	<10	.35	<1	23	39	43	4.33	.06	1.80	803	2	.04	72	.11	22	.07	9	<2	28	<5	.07	<5	56	94	2
LT177	.4	2.78	97	<5	176	<10	.26	<1	23	42	50	4.44	.04	1.90	718	3	.04	76	.07	21	.06	7	<2	26	<5	.07	<5	62	75	1
LT178	.6	2.49	35	<5	239	<10	.48	<1	28	59	56	4.48	.06	2.00	774	1	.04	114	.09	18	.02	8	<2	69	<5	.08	<5	61	93	3
LT179	.5	2.52	69	<5	202	<10	.45	<1	18	32	60	4.22	.05	1.74	657	2	.04	41	.10	21	.04	8	<2	35	<5	.06	<5	56	108	2
LT180	.8	2.49	286	<5	324	<10	.22	<1	30	29	95	4.33	.04	1.97	869	3	.03	45	.13	23	.04	7	<2	16	<5	.04	<5	56	123	1
LT181	.4	2.53	223	<5	215	<10	.44	1	32	33	103	4.37	.04	2.23	1371	2	.03	41	.10	22	.04	5	<2	18	<5	.04	<5	74	154	3
LT182	.6	2.83	109	<5	234	<10	.22	<1	19	40	60	4.48	.05	1.67	795	1	.03	52	.08	27	.09	13	<2	19	<5	.06	<5	63	346	2
LT183	.4	2.72	108	<5	223	<10	.52	2	36	48	117	5.75	.06	2.74	1038	4	.03	75	.15	27	.04	13	<2	32	<5	.07	<5	89	461	1
LT184	.3	2.94	450	<5	129	<10	.28	<1	24	35	30	4.43	.03	1.50	707	1	.03	68	.12	23	.08	9	<2	13	<5	.08	<5	52	357	2
LT185	.4	2.22	49	<5	227	<10	.55	<1	17	41	48	3.73	.05	1.68	581	3	.03	58	.09	22	.05	5	<2	26	<5	.03	<5	51	88	1
LT186	.6	1.52	465	<5	66	<10	.26	<1	34	13	200	6.00	.03	1.41	846	12	.02	56	.04	25	.07	10	<2	13	<5	.02	<5	33	95	2

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn	*Au
SAMPLE	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
LT187	.5	2.49	68	<5	256	<10	.52	<1	29	38	90	5.70	.09	2.42	952	2	.03	59	.12	27	.02	14	<2	66	<5	.07	<5	70	101	8
LT188	.2	2.42	106	<5	102	<10	.22	<1	25	38	36	4.60	.04	1.70	1173	2	.03	59	.12	22	.06	6	<2	8	<5	.08	<5	57	114	95
LT189	.4	1.62	45	<5	78	<10	.13	<1	18	33	27	5.54	.04	.82	1409	3	.03	30	.14	17	.11	<2	<2	5	<5	.07	<5	61	61	2
LT190	.2	2.36	86	<5	158	<10	.17	<1	19	40	50	4.66	.06	1.80	861	2	.03	49	.15	14	.05	<2	<2	8	<5	.02	<5	70	91	21
LT191	.5	2.13	122	<5	131	<10	.22	<1	17	42	31	3.92	.05	1.48	492	1	.03	58	.13	13	.02	6	<2	11	<5	.03	<5	60	81	7
LT192	.4	2.26	55	<5	138	<10	.13	<1	18	39	45	4.77	.06	1.24	741	2	.03	47	.12	16	.05	<2	<2	8	<5	.02	<5	66	92	6
LT193	.2	2.28	60	<5	113	<10	.13	<1	13	35	29	4.30	.06	.95	670	1	.03	37	.14	20	.06	<2	<2	8	<5	.03	<5	59	82	11
LT194	.4	2.02	92	<5	180	<10	.36	<1	20	40	57	4.41	.06	1.79	861	2	.03	56	.17	15	.03	10	<2	16	<5	.03	<5	63	72	7
LT195	.6	2.36	23	<5	147	<10	.12	<1	14	31	38	4.52	.05	1.21	567	2	.03	32	.12	19	.07	7	<2	8	<5	.01	<5	65	60	5
LT196	.4	2.01	95	<5	87	<10	.14	<1	23	32	26	5.53	.04	1.28	1505	3	.03	44	.12	22	.15	7	<2	6	<5	.07	<5	70	79	3
LT197	.3	1.74	68	<5	191	<10	.43	2	28	36	80	4.63	.04	1.74	841	1	.04	78	.10	14	.03	4	<2	18	<5	.08	<5	58	69	2
LT198	.1	1.49	7	<5	138	<10	.44	<1	23	26	78	4.43	.05	1.02	1011	1	.03	59	.11	16	.06	6	<2	15	<5	.03	<5	48	78	2
LT199	.2	1.75	84	<5	174	<10	.33	<1	25	35	45	5.33	.04	1.27	1092	3	.03	78	.04	18	.12	8	<2	13	<5	.08	<5	58	127	210
LT200	.4	2.24	60	<5	119	<10	.29	<1	20	32	25	4.49	.03	1.22	975	2	.03	57	.13	17	.12	10	<2	9	<5	.07	<5	49	99	6
LT201	.2	2.11	32	<5	243	<10	.55	<1	24	40	33	5.33	.04	1.38	1852	1	.03	62	.08	19	.16	<2	<2	17	<5	.09	<5	57	89	2
LT202	.1	2.33	11	<5	157	<10	.26	<1	13	45	28	4.30	.05	1.25	685	2	.03	57	.15	19	.06	<2	<2	13	<5	.02	<5	59	119	3
LT203	.6	1.98	7	<5	132	<10	.38	<1	20	43	65	4.31	.07	2.07	864	1	.03	57	.13	21	.02	8	<2	13	<5	.03	<5	67	73	2
LT204	.2	2.23	16	<5	147	<10	.15	<1	21	43	65	4.62	.07	1.86	1014	2	.02	63	.12	20	.03	5	<2	8	<5	.02	<5	65	85	2
LT205	.4	2.12	52	<5	178	<10	.37	<1	22	46	80	4.38	.08	2.02	911	1	.03	63	.13	16	.02	7	<2	13	<5	.02	<5	67	71	19
LT206	.1	1.77	46	<5	127	<10	.22	<1	19	37	62	3.91	.04	1.80	827	2	.03	50	.14	15	.01	<2	<2	9	<5	.02	<5	57	57	18
LT207	.2	2.11	34	<5	180	<10	.18	<1	20	44	87	4.10	.06	1.67	848	1	.03	51	.08	16	.02	4	<2	8	<5	.01	<5	69	56	19
LT208	.1	2.35	24	<5	143	<10	.12	<1	17	44	50	4.27	.06	1.56	374	1	.03	47	.05	21	.04	<2	<2	7	<5	.01	<5	69	79	12
LT209	.2	1.59	54	<5	171	<10	.37	<1	13	35	26	4.67	.05	1.07	1080	2	.03	35	.07	11	.04	9	<2	12	<5	.01	<5	68	61	15
LT210	.1	2.20	17	<5	121	<10	.15	<1	14	30	52	4.52	.05	.96	823	3	.03	41	.14	18	.08	4	<2	8	<5	.02	<5	57	71	16
LT211	.4	2.34	47	<5	119	<10	.10	<1	13	37	37	4.35	.06	1.11	734	1	.03	44	.05	18	.08	<2	<2	7	<5	.02	<5	54	92	2
LT212	.2	2.57	48	<5	117	<10	.08	<1	15	38	62	4.33	.06	1.15	700	2	.03	48	.08	22	.07	14	<2	7	<5	.01	<5	60	105	32
LT213	.4	2.54	48	<5	179	<10	.30	<1	21	57	68	4.68	.08	2.16	669	2	.03	76	.14	19	.03	6	<2	14	<5	.04	<5	67	91	23
LT214	.2	2.27	14	<5	153	<10	.26	<1	24	49	76	4.49	.06	2.18	919	1	.03	65	.13	20	.02	6	<2	10	<5	.02	<5	71	75	12
LT215	.1	2.22	30	<5	134	<10	.19	<1	21	40	78	4.34	.05	1.71	878	2	.03	53	.12	19	.04	10	<2	8	<5	.01	<5	69	71	25
LT216	.2	1.95	34	<5	139	<10	.28	2	52	23	171	4.43	.05	1.84	884	1	.03	46	.06	14	.04	6	<2	7	<5	.01	<5	72	41	15
LT217	.6	1.95	54	<5	85	<10	.21	2	86	22	1002	5.18	.06	2.06	1453	1	.03	78	.10	17	.05	9	<2	6	<5	.01	<5	34	40	2
LT218	.2	2.19	97	<5	128	<10	.26	<1	23	31	81	5.18	.05	1.15	1554	2	.03	59	.11	19	.07	<2	<2	8	<5	.03	<5	49	60	1
LT219	.4	1.83	47	<5	105	<10	.24	<1	21	34	49	4.28	.05	1.52	1114	1	.04	34	.12	16	.04	9	<2	9	<5	.03	<5	70	47	2
LT220	.2	1.67	6	<5	103	<10	.19	<1	17	31	24	4.03	.03	1.49	905	2	.04	66	.10	17	.07	<2	<2	9	<5	.08	<5	48	66	1
LT221	.4	2.24	17	<5	364	<10	.37	<1	20	32	30	4.89	.05	.98	1495	1	.05	47	.12	22	.07	3	<2	17	<5	.07	<5	64	74	2
LT222	.4	2.71	25	<5	157	<10	.18	<1	21	41	44	5.20	.06	1.61	1216	1	.04	54	.05	20	.08	8	<2	10	<5	.06	<5	73	66	1
LT223	.2	2.29	32	<5	183	<10	.47	<1	23	40	66	5.22	.05	1.63	1616	2	.05	53	.14	20	.09	<2	<2	21	<5	.07	<5	74	74	2
LT224	.2	2.14	7	<5	135	<10	.45	<1	25	40	68	5.22	.04	1.72	1184	3	.06	69	.11	19	.07	5	<2	14	<5	.08	<5	75	71	1
LT225	.6	2.28	36	<5	116	<10	.36	<1	17	31	34	4.84	.06	.87	1203	1	.04	38	.10	21	.11	5	<2	11	<5	.08	<5	71	78	2
LT226	.4	2.52	8	<5	323	<10	.35	<1	26	35	111	5.26	.06	1.41	1268	2	.05	54	.05	24	.06	3	<2	19	<5	.08	<5	64	95	5
LT227	.2	1.12	6	<5	125	<10	.53	<1	11	16	24	2.48	.03	.62	923	1	.04	22	.05	11	.08	4	<2	19	<5	.03	<5	31	41	3
LT228	.1	1.36	35	<5	132	<10	.63	<1	13	17	20	3.36	.03	.60	1057	2	.04	24	.10	14	.09	3	<2	24	<5	.06	<5	37	46	2
LT229	.4	1.79	42	<5	114	<10	.20	<1	23	26	42	3.89	.03	1.38	1039	1	.04	56	.05	16	.05	2	<2	9	<5	.07	<5	52	42	40
LT230	.2	.14	6	<5	22	<10	.02	<1	<1	<1	4	<0.01	.01	<0.01	63	2	.03	<1	.01	<2	.01	<2	3	1	<5	.01	<5	<1	4	36
LT231	.1	2.35	46	<5	83	<10	.12	<1	18	40	29	4.36	.04	2.16	689	2	.03	47	.04	19	.02	7	<2	6	<5	.03	<5	63	66	16
LT232	.4	2.33	22	<5	129	<10	.30	<1	26	36	53	5.27	.04	1.99	1218	2	.05	72	.07	16	.05	6	<2	12	<5	.08	<5	72	56	4
LT233	.1	2.36	31	6	130	<10	.16	<1	15	31	33	4.92	.05	.72	1397	1	.04	32	.12	421	.13	5	<2	8	<5	.07	<5	60	118	8
LT234	.2	2.02	86	6	217	<10	.26	<1	28	41	62	5.61	.04	2.39	1416	2	.04	84	.18	17	.05	5	<2	12	<5	.07	<5	65	89	11
LT235	.2	1.77	52	<5	260	<10	1.67	<1	24	38	64	5.16	.06	2.32	1152	4	.09	62	.14	15	.03	3	<2	34	<5	.08	<5	67	82	6
LT236	.4	1.91	9	<5	117	<10	2.29	<1	24	35	63	4.51	.07	1.99	928	1	.04	34	.09	8	.07	12	<2	24	<5	.03	<5	75	53	1

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn	*Au
SAMPLE	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
LT237	.3	1.89	139	<5	156	<10	.64	2	32	37	95	6.13	.04	2.25	1126	3	.03	51	.07	22	.03	8	<2	15	<5	.04	<5	61	87	2
LT238	.2	1.83	44	<5	95	<10	.10	<1	17	25	26	4.40	.04	1.07	1463	2	.04	34	.09	20	.08	<2	<2	6	<5	.05	<5	43	97	1
LT239	.4	2.20	50	<5	208	<10	.22	<1	28	35	60	5.82	.05	2.26	1590	3	.04	69	.09	23	.07	9	<2	10	<5	.05	<5	58	114	26
LT240	.4	2.33	40	<5	170	<10	.40	<1	18	34	22	4.51	.05	1.26	1277	2	.06	66	.07	25	.09	3	<2	13	<5	.08	<5	56	111	1
LT241	.2	1.47	6	<5	106	<10	.11	<1	16	30	23	3.26	.06	.74	1549	3	.04	25	.16	21	.19	9	<2	7	<5	.02	<5	50	52	8
LT242	.1	2.68	8	<5	115	<10	.13	<1	20	48	40	5.12	.06	1.79	1371	2	.04	40	.13	23	.10	8	<2	6	<5	.04	<5	72	71	2
LT243	.4	2.48	7	<5	95	<10	.18	<1	22	47	61	4.71	.06	2.16	1013	1	.04	46	.07	23	.04	<2	<2	7	<5	.04	<5	71	56	1
LT244	.1	2.06	7	<5	124	<10	.17	<1	20	38	45	4.48	.06	1.53	1454	1	.04	43	.13	20	.07	3	<2	9	<5	.04	<5	76	75	2
LT245	.2	2.11	10	<5	153	<10	.25	<1	13	25	33	3.91	.04	.67	1046	2	.04	30	.11	26	.13	<2	<2	12	<5	.06	<5	44	74	1
LT246	.4	2.22	6	<5	111	<10	.12	<1	14	31	31	4.39	.05	.86	1194	3	.04	33	.13	23	.15	<2	<2	7	<5	.05	<5	56	73	28
LT247	.2	2.54	22	<5	125	<10	.15	<1	13	30	25	4.50	.06	.85	955	1	.04	35	.08	27	.11	5	<2	7	<5	.06	<5	52	79	4
LT248	.1	2.30	13	<5	160	<10	.20	<1	14	29	24	4.43	.04	.84	1088	2	.04	37	.15	29	.13	6	<2	11	<5	.06	<5	58	78	2
LT249	.6	1.54	44	<5	121	<10	.15	<1	19	27	23	3.84	.05	.92	1488	4	.04	22	.16	15	.23	<2	<2	9	<5	.01	<5	67	48	1
LT250	.2	2.27	8	<5	124	<10	.29	<1	23	38	48	4.74	.05	1.40	1287	3	.05	57	.09	20	.07	5	<2	11	<5	.07	<5	69	70	2
LT251	.1	1.37	7	<5	217	<10	.30	<1	17	29	21	3.96	.05	.62	4243	4	.04	18	.05	15	.14	8	<2	9	<5	.06	<5	67	75	1
LT252	.4	1.60	6	<5	197	<10	.42	<1	17	24	35	4.21	.06	.59	2257	1	.04	22	.27	20	.23	<2	<2	14	<5	.02	<5	59	104	2
LT253	.4	2.38	23	<5	125	<10	.17	<1	23	36	42	4.61	.05	1.50	1232	1	.04	54	.07	21	.10	9	<2	7	<5	.07	<5	69	71	21
LT254	.1	2.35	90	<5	86	<10	.09	<1	24	32	33	5.88	.03	1.88	1535	3	.03	35	.17	28	.15	10	<2	4	<5	.02	<5	65	81	19
LT255	.2	2.54	32	<5	181	<10	.18	<1	24	37	69	5.34	.07	1.59	1266	2	.04	41	.08	22	.06	9	<2	7	<5	.01	<5	73	65	15
LT256	.1	2.20	43	<5	107	<10	.13	<1	22	36	51	4.60	.05	1.91	1248	1	.04	44	.07	24	.03	7	<2	6	<5	.03	<5	64	57	18
LT257	.4	1.99	10	<5	141	<10	.28	2	31	42	36	6.01	.05	1.65	2318	2	.05	66	.13	18	.12	6	<2	11	<5	.08	<5	90	129	13
LT258	.2	2.87	13	<5	145	<10	.21	<1	20	32	27	4.74	.05	.86	1565	2	.05	46	.07	29	.16	6	<2	10	<5	.07	<5	60	85	4
LT259	.1	1.84	5	<5	83	<10	.18	<1	30	33	37	5.51	.04	1.77	2259	1	.04	58	.15	19	.08	12	<2	6	<5	.07	<5	70	88	11
LT260	.4	2.07	26	<5	128	<10	.37	<1	23	33	37	4.83	.05	1.56	1299	3	.06	62	.07	20	.08	10	<2	14	<5	.08	<5	65	79	17
LT261	.2	2.50	28	<5	134	<10	.23	<1	20	39	52	4.01	.09	1.46	1269	2	.05	64	.11	22	.05	4	<2	9	<5	.07	<5	67	81	15
LT262	.2	2.25	39	<5	108	<10	.13	<1	10	32	33	4.17	.06	.73	875	4	.05	32	.15	24	.14	5	<2	8	<5	.04	<5	54	95	1
LT263	.4	2.35	8	<5	109	<10	.18	<1	18	39	30	4.81	.07	1.26	1150	3	.05	51	.13	26	.09	14	<2	9	<5	.07	<5	64	120	2
LT264	.2	2.27	25	<5	144	<10	.26	<1	17	39	53	4.65	.07	1.09	1213	2	.04	47	.11	22	.11	6	<2	10	<5	.06	<5	73	77	1
LT265	.1	1.98	23	<5	123	<10	.18	<1	16	37	38	4.38	.07	1.16	841	1	.04	44	.16	24	.10	2	<2	9	<5	.04	<5	71	76	28
LT266	.4	2.24	7	<5	204	<10	.41	<1	18	34	54	5.21	.06	1.03	1969	2	.05	47	.12	22	.11	9	<2	22	<5	.05	<5	72	92	17
LT267	.1	2.07	40	<5	125	<10	.31	<1	20	44	47	4.56	.07	2.14	1076	1	.04	57	.11	16	.03	10	<2	14	<5	.05	<5	72	62	16
LT268	.2	1.87	6	<5	119	<10	.14	<1	14	32	30	4.43	.06	.80	1377	3	.04	28	.11	20	.13	<2	<2	9	<5	.03	<5	67	72	11
LT269	.1	2.03	26	<5	117	<10	.10	<1	13	31	34	4.73	.07	.70	2201	2	.05	33	.11	22	.11	<2	<2	7	<5	.06	<5	61	103	1
LT270	.2	2.32	8	<5	104	<10	.18	<1	21	48	47	4.51	.07	2.07	1056	3	.04	58	.14	20	.03	8	<2	7	<5	.08	<5	69	76	2
LT271	.4	1.74	35	<5	73	<10	.15	<1	15	33	31	4.00	.05	1.35	719	2	.04	46	.10	13	.07	3	<2	6	<5	.06	<5	64	70	1
LT272	.1	2.03	17	<5	68	<10	.18	<1	14	33	32	4.21	.05	.90	763	1	.04	39	.10	18	.09	9	<2	6	<5	.07	<5	63	75	2
LT273	.2	1.90	13	<5	68	<10	.06	<1	11	39	26	3.81	.07	.74	917	2	.04	29	.11	24	.12	5	<2	6	<5	.06	<5	65	74	1
LT274	.6	2.15	29	<5	82	<10	.06	<1	16	38	31	4.43	.07	1.04	1272	3	.04	28	.10	19	.11	4	<2	5	<5	.02	<5	72	67	2
LT275	.2	1.84	28	<5	78	<10	.09	<1	12	35	33	3.45	.08	1.14	1002	2	.04	29	.12	16	.11	10	<2	6	<5	.01	<5	60	58	1
LT276	.1	2.19	12	<5	90	<10	.14	<1	17	38	45	5.01	.06	1.14	1301	3	.04	47	.09	22	.10	11	<2	7	<5	.09	<5	70	97	2
LT277	.2	2.11	42	<5	145	<10	.28	2	19	44	56	4.44	.07	1.81	937	1	.04	48	.13	18	.04	<2	<2	10	<5	.05	<5	74	73	12
LT278	.1	2.70	8	<5	85	<10	.14	<1	18	39	35	4.74	.06	1.04	1053	2	.05	57	.08	27	.11	3	<2	7	<5	.08	<5	63	111	23
LT279	.1	2.44	28	<5	83	<10	.13	<1	14	33	21	4.47	.05	.79	1111	4	.05	43	.13	25	.11	11	<2	6	<5	.07	<5	54	114	6
LT280	.2	2.81	8	<5	112	<10	.18	<1	20	36	24	4.90	.06	1.10	1345	2	.05	56	.07	23	.10	8	<2	9	<5	.08	<5	56	115	5
LT (Rock) 1	.3	2.13	14	<5	16	<10	.46	2	25	14	15	5.23	.05	2.82	998	1	.08	13	.22	19	.01	3	<2	8	<5	.03	<5	105	99	13
LT (Rock) 2	.4	.69	30	<5	42	<10	.84	<1	11	33	33	3.76	.07	1.07	835	2	.10	6	.11	5	.01	9	<2	10	<5	.06	<5	42	70	2
LT (Rock) 3	.1	1.38	8	<5	88	<10	6.45	<1	27	72	94	5.81	.11	3.48	1713	1	.05	25	.22	13	.25	9	<2	113	<5	.01	<5	111	30	32
LT (Rock) 4	.2	.23	6	5	84	<10	1.61	<1	7	76	12	4.41	.06	.52	1151	2	.09	4	.10	8	.02	13	<2	11	<5	.05	<5	83	14	1
LT (Rock) 5	.1	1.11	178	<5	54	<10	.38	<1	8	59	52	5.57	.29	.91	128	5	.04	4	.16	19	1.69	11	<2	12	<5	.01	<5	27	27	6

ELEMENT	Ag	Al	As	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sn	Sr	Te	Ti	Tl	V	Zn	*Au
SAMPLE	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb
LT (Rock) 6	.3	2.85	92	<5	100	<10	.36	<1	13	53	88	5.46	.12	2.26	622	4	.05	37	.16	34	.53	19	<2	15	<5	.07	<5	52	107	4