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Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Technical: Geochemical

TOTAL COST: $15,050

AUTHOR(S): Ian Webster

SIGNATURE(S): Ian Webster

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-13-226 / Aug 30, 2011

YEAR OF WORK: 2015

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event 577829 / Nov. 4, 2015

PROPERTY NAME: Big Bear

CLAIM NAME(S) (on which the work was done): 694064. These claims are contiguous with 694064: 694147,694148, 694163, 694084, 694086, 694046, 694085, 694123, 694083, 694143, 694183, 694287, 694103, 694089, 694090, 694145, 694043, 694045, 694144, 694185, 694066, 694087, 694088, 694146, 694044, 694063, 694065, 694187, 694184, 694186

COMMODITIES SOUGHT: Au, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092F 075

MINING DIVISION: Omineca

NTS/BCGS: NTS: 093E/02, 03, 06, 07

LATITUDE: 53 ° 16 '00 " LONGITUDE: 124 ° 57 '00 " (at centre of work)

OWNER(S):
1) Little Bear Gold Corp. 2)

MAILING ADDRESS:
750 - 580 Hornby Street, Vancouver BC V6C 3B6

OPERATOR(S) [who paid for the work]:
1) Little Bear Gold Corp. 2)

MAILING ADDRESS:
750 - 580 Hornby Street, Vancouver BC V6C 3B6

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Nechako Plateau, Kasalka Group, Hazelton Group

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 32589, 32741, 34134

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	121	694064	$11,288
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	claim 694064	694064	$3,762
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$15,050

ASSESSMENT REPORT

THE BIG BEAR PROPERTY

Claims
694084, 694086, 694046, 694085, 694123, 694083, 694143, 694183, 694045, 694144, 694185, 694066, 694087, 694088, 694146, 694147,694148, 694163, 694064, 694044, 694063, 694065, 694187, 694184, 694186, 694287, 694103, 694089, 694090, 694145,694043

53° 16' N and 124° 57' W

NTS Sheet: 093E/02, 03, 06, 07

Omineca Mining Division

For
Little Bear Gold Corp.
(a subsidiary of Parlane Resource Corp.)
750 - 580 Hornby St
Vancouver BC V6C 3B6

Prepared by Ian Webster P.Geo.
Consultant for Little Bear Gold Corp.

March 4, 2016

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1 Summary

The Big Bear Property is situated on the Nechako Plateau in central British Columbia, approximately 12 5 kilometre s southwest of Vanderhoof and 1 60 kilometres west of Quesnel. The claims are located within the Omineca Mining Division, centered at 53 º 16' north latitude and 124 º 57' west longitude on NTS Sheet s: 093E/02, 03, 06, and 07. The property consists of 31 mineral claim s totalling 14,366.42 ha. The claims are held in the name of Little Bear Gold Corp. which is owned by Parlane Resource Corp.

The Big Bear Property is located in the forested rolling hills of the southern Nechako Plateau of central British Columbia, approximately 125 kilometres southwest of Vanderhoof, which is situated on provincial highway 16 and the main railway line to the ocean port at Prince Rupert. Access to the property is by the all season Kluskus-Malaput Forest Service Road, which crosses the southern portion of the property. Secondary logging roads provide access to other parts of the property. Elevations on the Big Bear Gold property range from 1100 to 1739 metres.

The property is situated along the eastern margin of the Stikine Terrane, west of the structural contact with the Cache Creek Terrane and immediately south of the Skeena Arch. Strata of the Stikine Terrane in central and east-central British Columbia comprise superposed island and continental margin arc assemblages and epicontinental sedimentary sequences.

Little Bear Gold Corp. collected 121 soil samples during 2015 in the vicinity of the drilling that the company undertook in 2012. The sampling will assist in further defining additional drill targets.

2 Terms of References

This report has been written to fulfill the requirements for filing assessment work under the British Columbia Mineral Tenure Act. It describes the exploration undertaken on the Big Bear Property between August 5 - 15 and October 22, 2015. This report is not compliant with National Instrument 43-101 and Form 43-101F1, and should not be used as a "Technical Report" under National Instrument 43-101.

The author's understanding of the regional geology and property geology are a direct result of the work from Diakow, L. J. and Levson V.M., 1997. The geology section of this report is taken directly from Diakow (1997).

3 Property Description and Location

The Big Bear Property is located within the Omineca Mining District approximately 125 km southwest of Vanderhoof, British Columbia . The property consists 31 contiguous mineral claim totaling 14,366.42 ha on NTS Sheet 93F02, 03, 06, and 07 (Figure 2 and Table 1)

Figure 1 shows the general location of the Property, and Figure 2 illustrates the mineral claims.

Total expenditures for the 2015 Exploration Program, that qualify as assessment work , is $15,050.00 and is submitted in the name of Little Bear Gold Corp. A detailed breakdown of the expenditures is contained in Appendix 1.

4 Access, Local Resources, Infrastructure and Physiography

The Big Bear Property is situated on the Nechako Plateau of central British Columbia, approximately 125 kilometres southwest of Vanderhoof and 160 kilometres west of Quesnel. The claims are located within the Omineca Mining Division, centered at 53° 16' north latitude and 124° 57' west longitude, NTS Sheet: 093E/02, 03, 06, 07.

Table 1 Claim List

Claim No	Area (ha)	Owner	Good to date
694084	464.185	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694086	464.212	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694046	464.567	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694085	483.627	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694123	464.132	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694083	483.572	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694143	444.579	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694183	463.603	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694045	483.764	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694144	464.177	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694185	463.647	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694066	464.14	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694087	463.872	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694088	464.046	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694146	425.373	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694147	463.834	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694148	482.981	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694163	347.966	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694064	483.772	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694044	483.854	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694063	445.04	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694065	483.746	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694187	463.646	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694184	463.648	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694186	463.646	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694287	483.036	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694103	483.221	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694089	464.093	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694090	463.917	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694145	463.868	Little Bear Gold Corp (100%) 277388	Dec-25-2018
694043	464.656	Little Bear Gold Corp (100%) 277388	Dec-25-2018
Total	**14,366.42**		

Figure 1: General Location of Property

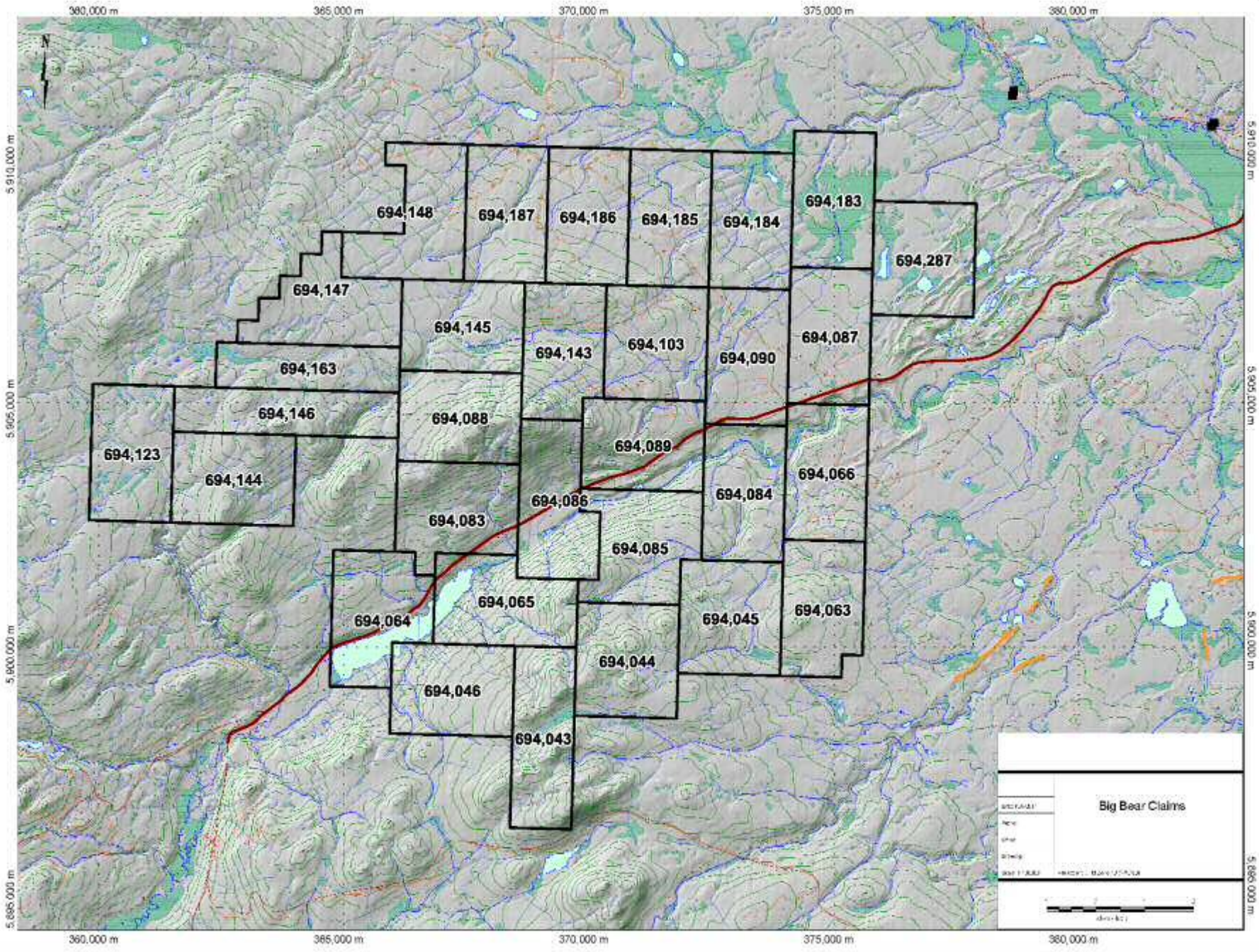


Figure 2: Big Bear Property

ACCESS

The Big Bear Property is located in the forested rolling hills of the southern Nechako Plateau of central British Columbia, approximately 120 kilometres southwest of Vanderhoof, which is situated on provincial highway 16 and the main railway line to the ocean port at Prince Rupert. Access to the property is by the all season Kluskus-Malaput forest service road, which crosses the southern portion of the property. Secondary logging roads provide access to other parts of the property. Elevations on the Nechako Gold property range from 1100 to 1739 metres.

Recent pine beetle infestations have severely damaged the forests in the area resulting in increased activity aimed at timber salvage and economic diversification for the region.

An extensive veneer of glacial debris covers the project area with bedrock exposures being rare and generally restricted to higher elevations. However, clear-cut logging has been recently conducted on several blocks within the claim boundary and a combination of this with the road cuts has resulted in new exposures.

CLIMATE

The climate is characterized by brief warm summers and long cold winters. The area receives on average 30 cm of precipitation per annum and temperatures range from a minimum of -40°C in winter to a maximum of 32°C in summer. Snowfall can attain 2 metres at higher elevations. The exploration period is between mid–June and late–October. Year round diamond drilling is possible given a suitable supply of water and a winterized camp.

Vegetation in the project area is balsam fir and white spruce with lodgepole pine. At higher elevations vegetation is less dense and dominated by subalpine fir and whitebark pine.

INFRASTRUCTURE & LOCAL RESOURCES

Local accommodation is available at the logging camps of Canfor Corporation. These camps are located along the Kluskus Forest Service Road at the 142.5 km marker (Malaput Camp) and at the 102 km marker (Kluskus Camp). Local accommodation is also available at some ranches and tourist camps in the area. Labour, contractors, fuel and other supplies are available at Vanderhoof, which has a population of 4000 and is located on the CN railroad and a paved highway. Prince George, located 100 kilometres east of Vanderhoof, has several daily flights to Vancouver and other points. The nearest available grid electrical power is 34 kilometres north at Kenney Dam.

5 Regional Geology

After Diakow 1997

The property is situated along the eastern margin of the Stikine Terrane, west of the structural contact with the Cache Creek Terrane and immediately south of the Skeena

Arch. Strata of the Stikine Terrane in central and east-central British Columbia comprise superposed island and continental margin arc assemblages and epicontinental sedimentary sequences.

Island arc volcanism and associated sedimentation in central Stikine Terrane spans Late Triassic to Middle Jurassic time. Elsewhere in Stikinia, remnants of Early Devonian to Permian arc volcanic rocks are known (Monger, 1977). The oldest strata exposed in east-central Stikinia are fossiliferous Upper Triassic sediments, sporadically exposed in the Smithers (Tipper and Richards, 1976b; MacIntyre et al., 1996) that closely resemble flows of the Stuhini Group, crop out near fine-grained marine sediments containing the Carnian to early Norian bivalve Halobia in the Fulton Lake map area. These rocks are possibly coextensive with fossil-bearing Upper Triassic marine sediments mapped along the western margin of the Stikine Terrane in the Whitesail Lake (van der Heyden, 1982) and Terrace (Mihalynuk, 1987) map areas, where they crop out in close proximity to Lower Permian carbonates (van der Heyden, 1982). Early and Middle Jurassic rocks of the Hazelton Group stratigraphically overlie the Stuhini Group throughout much of Stikinia. The Hazelton Group is a lithologically varied island arc succession composed of subaerial and submarine volcanics locally inter-layered with marine sediments (Tipper and Richards, 1976a).

Island arc volcanism commenced in Middle Jurassic time, broadly coincident with a protracted event of terrane accretion and the subsequent overlap of older arc strata by widespread Upper Jurassic and Lower and mid-Cretaceous flysch and molasse deposits. Terrane accretion began possibly as early as Bajocian time, resulting in structural juxtaposition of oceanic Cache Creek Terrane onto Stikinia, and led to early development of the Bowser Basin and shale deposited in a starved marine environment (Ricketts and Evenchick, 1991; Tipper and Richards, 1976a). Overlying coarser elastic rocks, consisting largely of conglomerate shed from the uplifted Cache Creek Terrane, record fluvatile transport and progradation of deltaic deposits along the periphery of the basin. The Skeena Arch became an uplifted area and sediment source for northerly flowing drainages into the southern part of the Bowser Basin from mid-Oxfordian to earliest Early Cretaceous times. During parts of the Early and Late Cretaceous, sediments sourced from the northeast and east record initial deposition of nonmarine and shallow marine sediments of the Sustut and Skeena groups. In south and south-central Stikinia, contemporaneous deposits of sandstone, siltstone and conglomerate are widespread and suggest that a number of smaller sedimentary basins may have been connected (e.g., Nazko Basin; Hunt, 1992).

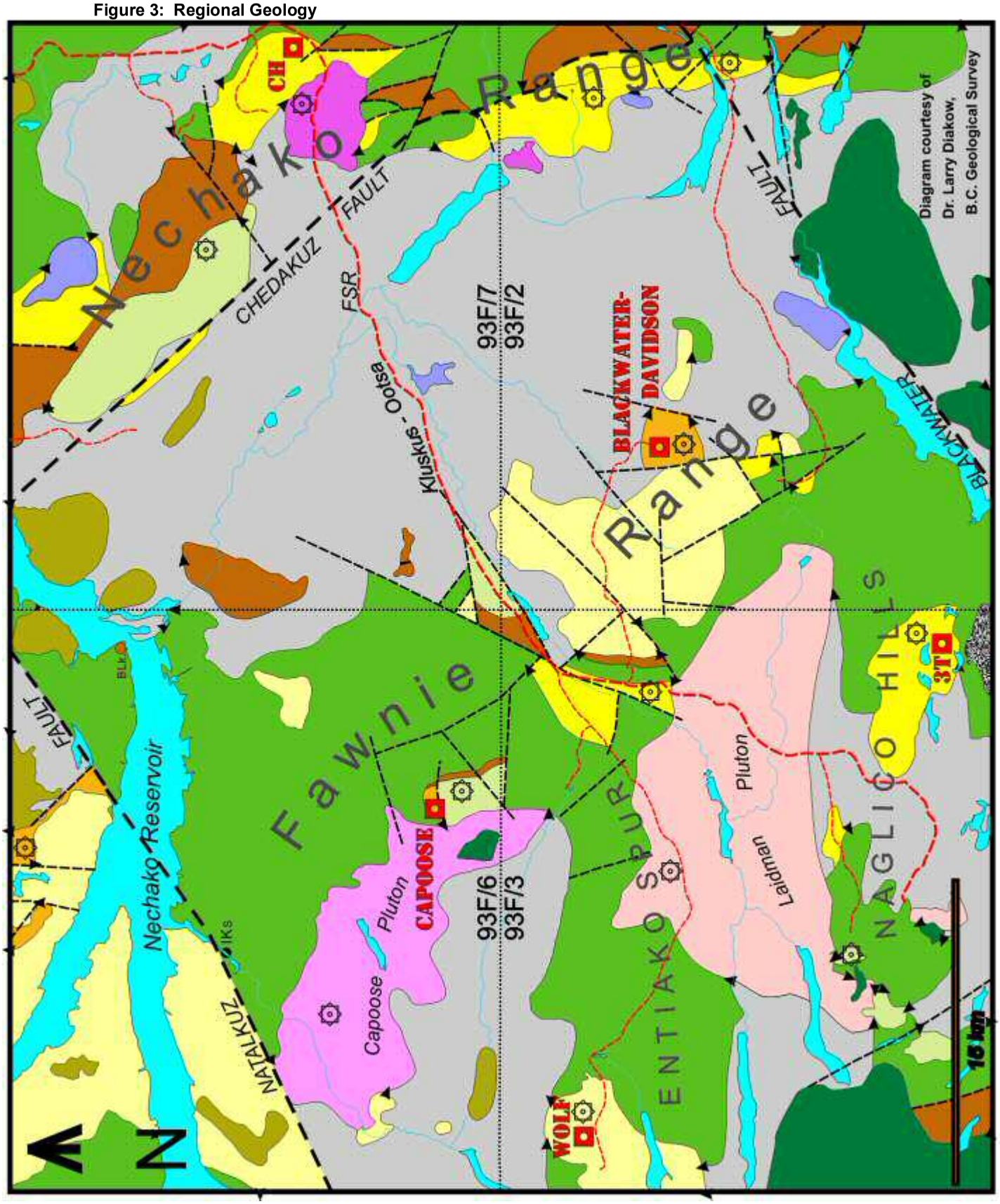
Regional contractional deformation, documented in widely separated areas of the Stikine Terrane in the TasekoPemberton (Garver, 1995), and the Spatsizi (Evenchick, 1991; Evenchick and McNicoll, 1993) map areas was a middle and Late Cretaceous event. This orogenic event coincides with the transition from sedimentary deposition to continental margin arc volcanism. Definitive evidence of Cretaceous contractional deformation in the intervening region of central Stikinia, particularly in the Nechako River map area, has not yet been recognized. However, a domain of cleaved rocks with local zones of mylonite in the Nechako Range may be the record of this event.

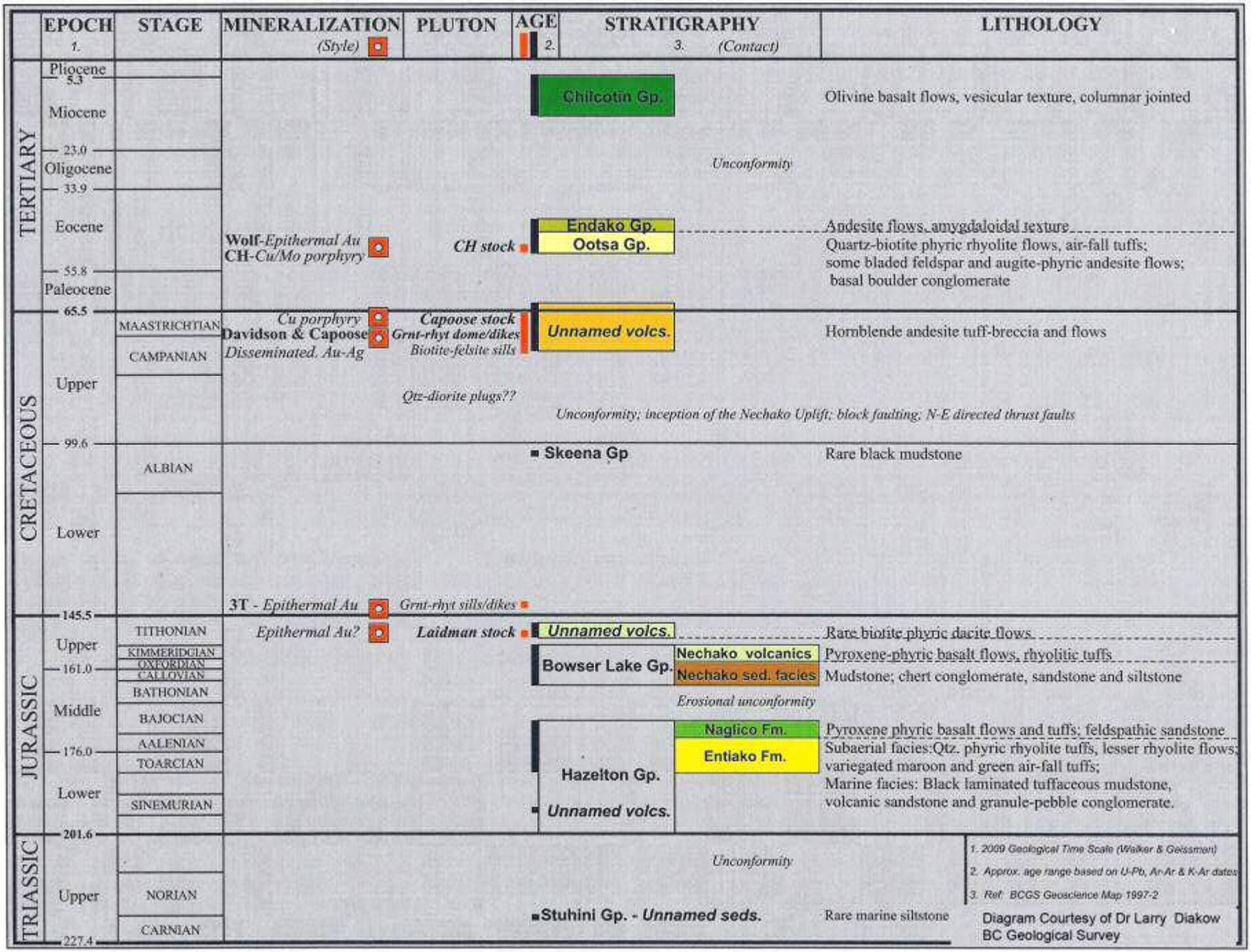
Continent margin arc volcanism began in south and central Stikine Terrane in Late Cretaceous time and continued episodically into the Eocene with eruption of the Kasalka, Ootsa Lake and Endako groups. The Upper Cretaceous Kasalka Group unconformably overlies the Skeena Group. The Kasalka Group records construction of isolated volcanic centres as the magmatic front apparently migrated from the Coast Belt eastward across the Stikine Terrane over a period of nearly 30 million years, ending in latest Cretaceous

time. Robust continental arc magmatism was re-established during Middle and late Eocene time with eruption of the Ootsa Lake and Endako groups. This volcanism appears to be closely linked to regional crustal transtension in central British Columbia, manifest in up-welling of high-grade metamorphic rocks in core complexes (Ewing, 1980) and major strike-slip faults, such as the Tatla Lake Metamorphic Complex adjacent to the Yalakom fault in the Anahim Lake map area (Friedman and Armstrong, 1988).

Miocene and younger volcanism, represented by the Chilcotin Group, is dominated by transitional basalts that formed flat-lying lava fields, mainly in southern Stikinia. The Chilcotin Group is interpreted to have erupted in a back-arc setting, east of the Pemberton-Garibaldi arc (Souther, 1991, Bevier, 1983a,b). Shield volcanoes, comprising the Anahim Belt, are locally perched on the plateau-forming Chilcotin lavas. They consist of distinctive peralkaline volcanoes erupted between 8.7 and 1.1 Ma above a mantle hotspot (Bevier et al., 1979; Souther, 1986; Souther and Souther, 1994).

Figure 3: Regional Geology





Summary of stratigraphic and plutonic units underlying the Nechako Uplift and their temporal relationship with mineralizing events.

Figure 4: Regional Legend

6 Property Geology

after Diakow 1997

6.1 Naglico Formation

The Naglico formation is dominated by augite-phyric mafic flows, lesser tuffs and scarce intervolcanic marine sediments.

The internal lithologic variability in rocks of the Naglico formation, no single section is representative, however, certain lithological features persist over broad areas. The primary lithologies include dark green and sometimes maroon, massive weathered flows of basalt and andesite. Augite phenocrysts are a diagnostic feature of these flows, commonly comprising 1 to 3 volume percent as vitreous prisms averaging between 1 and 2 millimetres long (in rare instances, 5 to 15 millimetres in length). Despite partial to complete replacement of augite by chlorite, epidote, carbonate and opaque granules, they generally retain their prismatic habit. Plagioclase is the primary constituent in all flows that include a number of textural varieties such as sparsely porphyritic, fine-grained crowded plagioclase porphyry to coarse-grained porphyry. Plagioclase is slender, less than 2 millimetres long, in amounts up to 35 volume percent in the crowded varieties.

Dense aphanitic basalts are commonly interlayered with the more voluminous porphyritic flow varieties. They are lava flows with a fine granular aphanitic texture that sometimes display millimetre-thick resistant laminae protruding from smooth weathered surfaces. Thin sections of these rocks reveal olivine and augite grains occupying interstices between plagioclase microlites. A representative suite, comprised of both pyroxene-bearing and aphanitic lavas, has a compositional range of basalt to basaltic andesite. Major and trace elements indicate they are subalkaline with a low-potassium tholeiitic to calcalkaline trend of island arc affinity.

Generally, sedimentary rocks tend to comprise thin recessive beds that rarely crop out and are commonly found as angular sedimentary debris churned up in roadcuts and logging cutblocks, near more diagnostic lithologies of the Naglico formation. The main feature of these intervolcanic sediments is their immaturity, characterized by the high proportion of angular plagioclase and volcanic-lithic detritus. The dominant lithologies include feldspathic sandstone and siltstone, tuffaceous argillite, locally prominent volcanic conglomerate and scarce limestone. Fossils are nearly always present, varying in abundance from a few indeterminate belemnites and bivalves to zones containing a rich and varied fauna. A solitary sonninid ammonite extracted from limestone suggests a probable early Bajocian age for the Naglico formation underlying much of the Entiako Spur (Collection GSC C-143394; H.W. Tipper, Report 72-1994-HWT).

6.2 Ootsa Lake Group

The Ootsa volcanic field in map area is against older basement of the Nechako uplift. South of the fault, Ootsa Lake volcanic strata form outliers that cap high-standing Jurassic rocks along the Fawnie Range and Entiako Spur.

Ootsa Lake strata unconformably overlie Upper Cretaceous volcanics and have an estimated minimum composite thickness of 450 metres. The lowermost unit consists of dark grey, massive and amygdaloidal andesite flows with amygdules infilled by silica, calcite and epidote. These flows are minor members within a gradationally overlying bladed-feldspar porphyritic andesite section that is locally up to 100 metres thick. Typically these rocks are dark grey-green and contain diagnostic plagioclase laths between 5 and 15 millimetres long (20-40% by volume) and pyroxene (5-10% by volume). These units generally appear beneath an upper, conformable section of felsic rocks made up of volumetrically minor dacite flows and more prevalent rhyolite flows and tuffs. The dacitic rocks, which commonly weather to flaggy porcellaneous fragments, are light green or grey and contain tabular feldspar phenocrysts 2 to 3 millimetres long (5-10% by volume) and slender horn blende phenocrysts 1 to 3 millimetres long. Rhyolitic rocks occupy the stratigraphic top of the Eocene sequence north of the Natalkuz fault. The flows are typically chalky white and pink coloured and display a variety of textures that includes porphyritic and thinly laminated flows, massive flows and flow breccias, and rare interlayered pitchstones. Spherulites are common in rocks that have undergone varying degrees of devitrification. Phenocrysts up to 3 millimetres in diameter comprise up to 20% of the rhyolite flows and include, in order of abundance, plagioclase, potassium feldspar, quartz (<3%) and biotite (1-2%). Air-fall tuffs, sometimes inter-layered with the rhyolite flows, consist of white and light green, massive to well bedded ash, crystal, crystal-lapilli and lapilli-block tuffs. A section of graded crystal-lapilli tuffs more than 200 metres thick crops out along the north side of Natalkuz Lake.

The tuffs contain a phenocryst assemblage of feldspar, quartz and biotite. Lithic fragments are fine grained, subangular to angular and predominantly felsic volcanic rocks. Carbonized wood fragments and rare upright tree trunks observed in the rhyolitic tuff unit attest to subaerial deposition. A massive aphanitic rhyolite, with conspicuous parallel joints, is exposed in the canyon walls along the Entiako River near its confluence with the Nechako Reservoir.

Stratigraphy in the Mount Davidson outlier consists of two lithologically distinct rhyolite flow and pyroclastic members that bound an intervening andesite flow member. The lower rhyolite bears a close lithologic resemblance to rocks forming the top of the Eocene sequence north of the Natalkuz fault. It consists of off-white, mauve and pale green flows, interflow breccia, and scarce lapilli tuff. Typically these rhyolitic rocks have thinly laminated and aphyric textures, however, some are sparsely porphyritic and contain plagioclase, quartz and biotite phenocrysts. Fine laminae in the flows are commonly overgrown in part by spherulites, which coalesce and form discontinuous layers that obscure the primary textures. Scarce lithophysae are also present. The middle andesite member is mainly composed of massive flows, with lesser flow breccia and some laharic deposits that conformably overlie rhyolitic rocks. The flows contain slender plagioclase phenocrysts up to 6 millimetres long and sometimes rounded amygdules, filled with chlorite and opalescent and crystalline silica, set in a dark green groundmass. The lithologic similarity

of these rocks to those of the Naglico formation and Nechako volcanics makes separating the successions difficult. In general, Eocene andesites in the area are relatively unaltered and vitreous pyroxene, although present, is more abundant in the Jurassic rocks. The upper rhyolite member consists of pyroclastic flows and related tuffs that thicken locally to 250 metres within a small volcanic subsidence structure centred on Mount Davidson. The rocks thin outward from the main area of subsidence, with the farthest outcrops north of Top Lake and south of Tsacha Mountain forming isolated exposures that rest directly on Jurassic rocks. The main lithology is massive, blocky weathered, uniformly welded ash-flow tuff that forms resistant benches, some dominated by cooling features resembling columnal joints. The ash-flows typically contain up to 35% broken crystals, usually less than 3 millimetres in diameter, and lithic fragments within a grey indurated matrix. Quartz is very diagnostic (3-10%), commonly occurring as clear euhedra between 1 and 4 millimetres in diameter. The lithic fragments are mainly porphyritic lapilli and fewer blocks of andesitic composition. Thin discontinuous volcaniclastic-epiclastic deposits locally cap the upper rhyolitic member along the Mount Davidson ridge. These deposits are only a few to 10 metres thick and consist of poorly sorted blocks and lapilli beds, and less common mudstone and siltstone interbeds. The fragments are subangular to subrounded and consist of coarse-grained plagioclase and pyroxene that resemble andesitic flows characteristic of the Naglico formation. Quartz and some biotite grains are found with plagioclase in the matrix of the coarse deposit and some of the finer grained beds. These remnants are interpreted as post-subsidence fill, derived in part from high-standing Jurassic rocks and deposited with thin lacustrine mudstone and siltstone over locally subsided ash-flow tuff.

6.3 Chilcotin Group

Basalt lava flows of the Chilcotin Group are the youngest rocks mapped in the area. Chilcotin lavas exposed in the area mark the northern margin of the extensive Neogene volcanic field that underlies much of the southern Interior Plateau (Mathews, 1989). The Blackwater River coincides with a profound physiographic change from a highland underlain by Mesozoic rocks of the Nechako uplift in the north, to a plateau comprised of thick, flat-lying basaltic lavas of the Chilcotin Group to the south (Bevier, 1983a, Mathews, 1989), on which late-Miocene and younger shield volcanoes of the Anahim volcanic belt (Souther and Souther, 1994) are perched. South of Tsacha Lake and the Blackwater River, the plateau is rimmed by an escarpment that exposes more than 150 metres of basaltic flows. North of the Blackwater River, the Chilcotin Group crops out between 1000 and 1400 metres elevation.

Basalt of the Chilcotin Group is massive and commonly columnar jointed. Individual flows commonly grade through massive into vesicular and oxidized scoriacous and brecciated flow tops. They weather light brown and fresh surfaces are black with a dense aphanitic texture. Unaltered olivine phenocrysts are conspicuous in a dark black aphani tic groundmass; plagioclase laths between 1 and 1.5 centimetres long are present, only rarely. Chilcotin Group to the south indicate a broad Miocene-Pliocene range (Mathews, 1989). differentiated porphyritic phases. Rocks in contact with these equigranular intrusions are generally thermally metamorphosed to biotite hornfels.

Figure 5: Property fsGeology

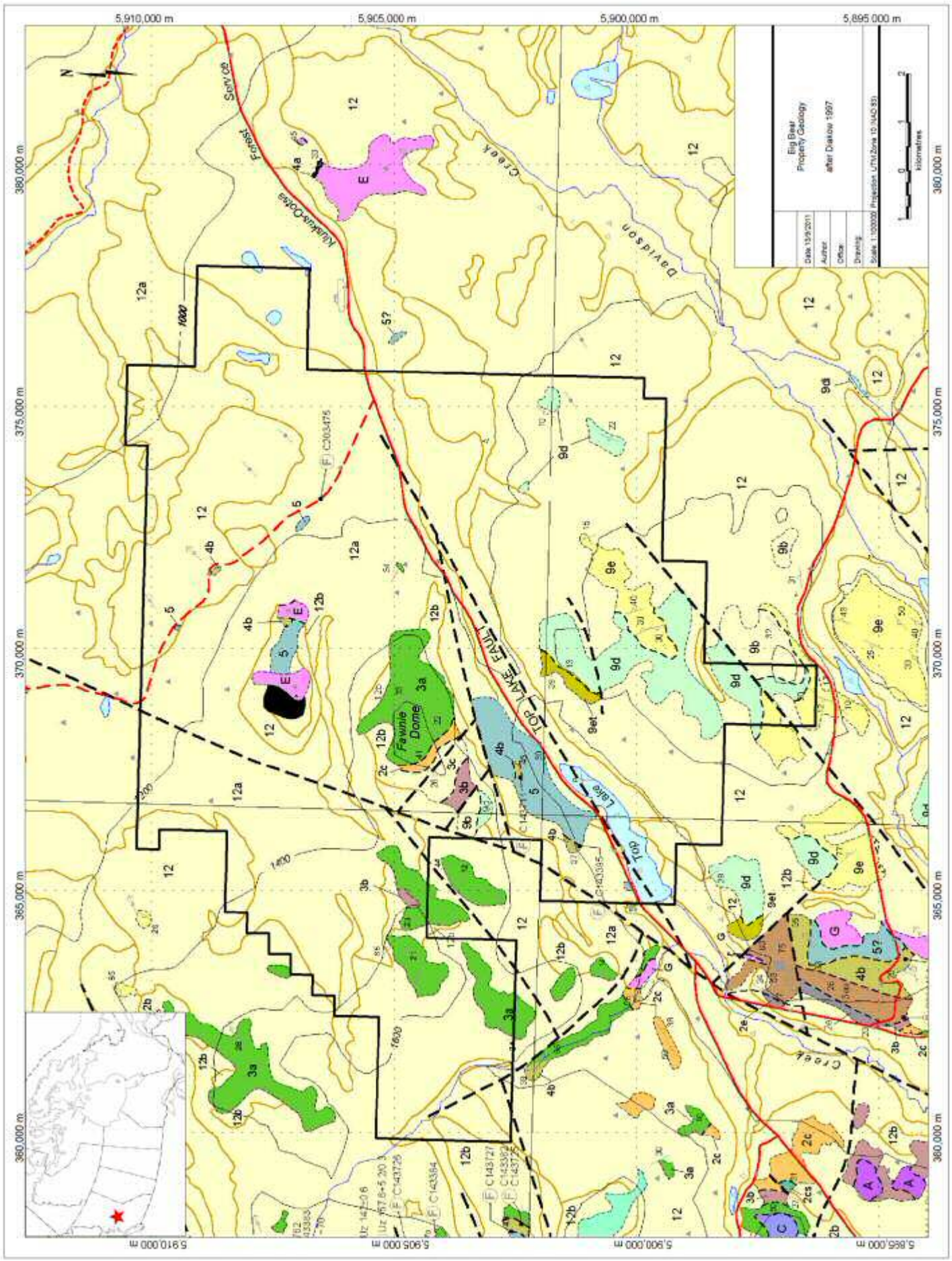


Figure 6: Property Geology Legend

VOLCANIC AND SEDIMENTARY ROCKS

LATE QUATERNARY

Fluvial/glaciofluvial sand and gravel, lacustrine/glaciolacustrine sediments, and organic deposits: geochemical signature generally regional and difficult to trace to source; includes floodplain, terrace, delta, alluvial fan, outwash, esker, kame, peat bog, swamp and marsh deposits. *Note: See 1:50 000 scale Open File maps for internal subdivisions of this unit.*

12 — Morainal diamicton: dominantly basal tills; some glacially-derived debris flow deposits; geochemical signature generally local and traceable; diamicton massive or crudely stratified, dense, unsorted to very poorly sorted; matrix sandy to silty clay; clasts up to boulder size; flutings and crag-and-tail features common; deposits thin (<1 m thick) on steep upper slopes and thicker on lower slopes.

12a — Resedimented glacial debris: sandy diamicton, gravel and sand; dominantly glacial debris flow deposits with interbedded and/or overlying sands and gravels; common along meltwater channels and within areas of hummocky topography.

12b — Thin till and colluvial deposits: unsorted or very poorly sorted diamicton with abundant angular clasts of local bedrock; occurs mainly as veneers less than 1 metre thick over bedrock in upland areas; locally includes thicker colluvial fan and talus deposits at the base of steep slopes.

NEOGENE - MIOCENE TO PLIOCENE

CHILCOTIN GROUP

11 — Olivine basalt lava flows: weather brown, crudely layered and columnar jointed, massive to vesicular, typically aphanitic or olivine phyric.

11a — Rare friable black mudstone and sandstone; may contain plant debris.

PALEOGENE - UPPER EOCENE

ENDAKO GROUP

10 — Basaltic andesite and andesitic lava flows: weather buff grey-green, fresh surface lustrous black, aphanitic to sparsely porphyritic, contain plagioclase and microscopic augite and hypersthene, rarely amygdaloidal with scarce amygdules infilled with opalescent silica; minor hematized interflow breccia.

10a — Rare andesitic flow member characterized by plagioclase megacrysts up to 1 cm.

MIDDLE EOCENE

OOTSA LAKE GROUP

9a — Andesitic lava flows and volcaniclastic rocks: dark green to maroon, coarsely porphyritic flows and tuff breccia; minor interbedded ash-tuff; rare block tuff and laminated black siltstone on the summit of Mount Davidson.

9b — Rhyolitic ash-flow tuff: grey green, unwelded to weakly welded, crystal fragments (25-30%) characterized by resorbed and prismatic quartz (5-15%, avg. 2mm diameter), plagioclase, potassium feldspar (2-7%) and rare sericitized biotite, lithic fragments (5-20%) typically of lapilli size consist of cognate quartz phyric rhyolite, flow banded and aphanitic rhyolite, and porphyritic andesite; the groundmass when stained indicates weak to moderate potassium feldspar; minor block-lapilli tuff; rare bedded sections of quartz-bearing sandstone derived from the underlying ashflows.

9c — Dacitic lava flows: light grey, flaggy weathering, sparse plagioclase, quartz and biotite phenocrysts.

9d — Andesitic lava flows: maroon and dark green, typically porphyritic with 20-30% slender plagioclase up to 5 millimetres and sparse pyroxene phenocrysts, minor amygdaloidal flows with quartz, epidote and chlorite amygdules; Subunit 9di is a local andesitic flow member that contains plagioclase laths up to 1.2 cm, resembling Unit 10a.

9e — Rhyolitic lava flows (ca. 49.2 ±1 to 49.9±1.7 Ma): mauve, cream, light green or grey, aphanitic to sparsely porphyritic, flow laminated textures predominate but are commonly overprinted by solitary and coalescing spherulites, porphyritic flows contain plagioclase, up to 5% quartz and traces of rare sericitized biotite; autobrecciated flows. Basal conglomerate, dominated by hornblende-biotite quartz monzonite cobbles and boulders; occurs in a creek exposure at the Wolf mineral prospect, east of Entiako Lake.

9et — Fine ash to lapilli tuff dominated by rhyolitic fragments, locally up to 15% quartz phenocrysts; well bedded, minor lacustrine tuffaceous sandstone and siltstone interbeds may contain plant fragments.

UPPER CRETACEOUS

6 — Andesitic lapilli tuff and tuff breccia (ca. 64.5 ±1.8 and 70.3± 3 Ma): grey-green or purple, monolithic hornblende phyric fragments; white aphanitic rhyolite lava flows (ca. 71.9+2.0/-0.2 Ma) that are possibly cogenetic with nearby Late Cretaceous garnet-bearing rhyolite dikes and sills in the immediate vicinity of the Capoose prospect (MINFILE 040).

LOWER CRETACEOUS

Black mudstone and sandstone with thin carbonaceous layers containing Albian palynomorphs, minor conglomerate; sporadic exposures found only along the shoreline at the mouth of the Entiako River.

UPPER JURASSIC TO LOWER CRETACEOUS

6 — Dacitic lava flows containing sparse biotite (ca. 144 ± 4 Ma), lapilli tuff containing aphanitic off-white rhyolitic fragments, laminated ash tuff, minor welded tuff.

MIDDLE AND UPPER JURASSIC

BOWSER LAKE GROUP

NECHAKO VOLCANICS

5 — Pyroxene phyric basaltic flows and andesitic to rhyolitic tuffs: dark green, a rare hornblende phyric andesite flow is dated near the base of the succession in the northern Nechako Range (ca. 152 ± 2 Ma); tentatively correlative stratigraphy in the northern Fawnie Range has a dacitic flow near the top of the succession (ca. 157.6+5.2/-0.3 Ma), underlying strata consist mainly of pyroxene phyric basalt flows, variegated green and maroon andesitic ash tuff with scarce interbeds of accretionary lapilli, thin rhyolitic ash-flow tuff at the base conformably overlies units 4a and 4b. Immediately to the north of Top Lake, pyroxene phyric basalt flows contain rare interbeds of accretionary lapilli tuff. Feldspathic sandstone locally interlayered with the volcanic rocks may contain bivalves.

ASHMAN FORMATION (EARLY CALLOVIAN TO OXFORDIAN)

Conglomerate, sandstone, siltstone and minor mudstone: planar bedded conglomerate, which is dominant in the northern Nechako Range, is characterized by off white to light grey chert and lesser black argillite pebbles and cobbles, interlayered grey or light green siltstone and sandstone, lesser dark green and black mudstone.

4b — Similar to Unit 4a except conglomeratic layers are minor or absent. In the central and southern Nechako Range, the proportion of conglomerate decreases and sandstones interlayered with black siltstone and mudstone increases. The chert-bearing succession thins dramatically to the west across the Chedakuz Creek valley towards the northern Fawnie Range, where conglomeratic layers comprise discontinuous thin interbeds within drab olive green sandstones and siltstones that contain abundant plagioclase and lesser pyroxene grains. Mudstones may contain recessive limy concretions. Bivalves and ammonites are moderately abundant.

4c — Minor lapilli tuff and reworked crystal and ash tuffs: green; subangular lapilli and blocks up to 6 cm, fragments are composed mainly of andesite; laminated and graded ash tuff, and interbeds rich in feldspars are possibly derived by reworking these tuffs.

LOWER AND MIDDLE JURASSIC

HAZELTON GROUP

NAGLICO FORMATION (BAJOCIAN)

3a — Basalt and andesitic lava flows: dark green and maroon, characterized by vitreous pyroxene phenocrysts (trace to 15%), textural varieties include dense aphanitic flows, crowded plagioclase (~30-40% equant subhedral plagioclase ≤3 mm in diameter) to coarse grained porphyries (plagioclase to 6 mm), and amygdaloidal porphyry; minor flow breccia; rare hyaloclastite. Epidote, quartz, calcite and

LOWER AND MIDDLE JURASSIC (continued)

HAZELTON GROUP (continued)

NAGLICO FORMATION

3al — Limestone: white and grey; recrystallized; fossiliferous; 3 metre thick exposure along the van Tine road.

3as — Sandstone, siltstone, mudstone and subordinate granule-pebble conglomerate as recessive intervals between Unit 3a flows: green, angular feldspar and volcanic lithic clasts are the major detrital components, the clasts are generally off white an composed of aphanitic rhyolite; rare conglomerate composed of clasts up to 30 cm that are derived locally from Units 2c and 3a. Abundant bivalves and rare ammonites.

3at — Mainly lapilli tuff and lesser breccia dominated by fragments of Unit 3a.

3b — Lapilli tuff, ash tuff and crystal-ash tuff, rare accretionary lapilli tuff: maroon and light green; minute (generally ≤1.5 mm) broken quartz grains are diagnostic but scarce (1-2%); faint to distinctly layered fine grained interbeds, local internal grading; similar bedded tuffs recur upsection in Unit 5 in the northern Fawnie Range.

3c — Dacitic porphyry flows: maroon, local faint flow laminae.

ENTIAKO FORMATION (EARLY TOARCIAN TO AALENIAN (?))

2a — Rhyolitic lapilli tuff and rare accretionary lapilli tuff: light pink or off white, characterized by up to 5% angular quartz, and potassium-bearing lithic fragments. Exposed best in the vicinity of Kuyakuz Mountain.

2as — Sandstone and siltstone composed mainly of angular plagioclase and subordinate quartz grains; gradational above and laterally with tuffs of Unit 2a.

2b — Waterlain mafic ash and lapilli tuff: well bedded, dominated by finely vesicular and amygdaloidal basaltic lapilli. Locally underlies units 2a and 2as at Kuyakuz Mountain.

2c — Rhyolite ash-flow tuff, lapilli tuff: off-white, grey and pink, well indurated, weakly to moderately welded, diagnostic subrounded to elliptical resorbed quartz phenocrysts up to 3 mm (1-7%), lithic pyroclasts include flow-laminated rhyolite, porphyritic andesite and rare granodiorite. Scarce rhyolitic lava flows with white or black flow laminae. Subaerial volcanic facies confined mainly to the central and southern Fawnie Range. May be comagmatic with Unit 2a.

2cs — Quartz-rich sandstones and siltstones minor cobble conglomerate, lesser interlayered lapilli tuff and ash tuff: maroon or grey green, well bedded, graded and cross laminated; quartz grains and quartz-bearing clasts are apparently derived from Unit 2c.

2d — Feldspathic siltstones, sandstones and volcanic-lithic pebble conglomerate: dominated by plagioclase grains and angular off-white aphanitic rhyolitic fragments; minor black mudstone and lesser reworked felsic tuff interbeds; locally contains Toarcian ammonites. Difficult to distinguish from Unit 3as with certainty. Mapped mainly along the west side of the southern Nechako Range and interpreted as a shallow marine facies.

2e — Black mudstone, locally with discrete white ash-tuff laminae and minor disseminated pyrite; limy siltstone containing scarce grey and brownish impure limestone layers and concretions, minor feldspathic siltstone and sandstone. Locally contains Toarcian ammonites (*Kanense* zone) and the small delicate bivalve, *Bositra*. Recessive unit mapped intermittantly along the eastern flank of the Nechako Range and interpreted as a relatively deep marine facies.

UPPER TRIASSIC

Siltstone and mudstone: black and tan brown, laminated, contains the bivalve, *Halobia*. Solitary exposure along the Red Road, just outside of the map area in mapsheet 93F/10.

INTRUSIVE ROCKS

TERTIARY - PROBABLY EOCENE

J — Gabbroic dikes or small plugs: grey to dark green, fine to medium grained, plagioclase, clinopyroxene and olivine phyric.

I — Biotite-feldspar porphyry dikes or small plugs: most are too narrow to represent at the current map scale. Phenocrysts include ≤20% subhedral plagioclase (2-7mm diameter) and up to 7% vitreous and chloritized biotite in a light grey groundmass. They cut rhyolitic ash-flow tuffs of Unit 9b.

H — Granodiorite and granite stocks (ca. 51.6± 1 Ma): Undeformed granodiorite in the central Nechako is off white, coarse grained and equigranular with up to 25% combined, fresh biotite and lesser hornblende. Granite south of Tatelkuz Lake is distinguished by its relative absence of mafic minerals, which consist of between trace and 3% vitreous biotite. These plutons cut penetratively cleaved country rocks in the Nechako Range.

G — Quartz-feldspar porphyry plugs and dikes: light grey, pink and cream colored, quartz phenocrysts (5-15%), locally 5% combined hornblende and lesser biotite phenocrysts; miarolitic cavities in some plutons.

F — Rhyolite subvolcanic dome: bone white, aphanitic to sparsely plagioclase phyric, massive with up to 20% disseminated pyrite. Small body located at the mouth of the Entiako River.

POSSIBLY LATE CRETACEOUS

E — Dioritic plugs, sills and dikes: mottled green and off white, medium-grained equigranular texture; mapped throughout the Nechako Range where they are undeformed and cut penetratively cleaved country rocks, similar plutons are also mapped in the Chedakuz River valley where they apparently intrude and alter Middle Jurassic rocks of Units 4 and 5. Two bodies adjacent to the Kluskus-Ootsa road have unmapped minor pegmatitic monzonite and pyroxene-rich intrusive phases.

LATE CRETACEOUS

Rhyolite sills (ca. 70 Ma)*too narrow to represent at the current map scale.* Off-white, aphanitic or contain sparse brownish garnet phenocrysts. Exposed near the Capoose prospect in the northern Fawnie Range, where they are lithologically indistinguishable from older, Early Cretaceous garnet-bearing rhyolitic sills.

D — Felsite sills (ca. 73.8+2.9/-0.1 Ma): greyish green, fine grained and equigranular, contain sparse plagioclase phenocrysts up to 4 millimetres long and up to 5% fine grained biotite flakes, weather to distinctive clinkery, conchoidal fractured fragments. Small widely scattered exposures in the vicinity of the Tsacha prospect where they locally cut mineralized quartz veins.

LATE JURASSIC TO EARLY CRETACEOUS

Garnetiferous rhyolite sills (ca. 142± 0.6 Ma): *too narrow to represent at the current map scale.* Off white, aphanitic sucrosic texture, locally flow laminated, up to 3% brownish garnet and trace to 2% disseminated pyrite. Exposed immediately to the south of the Capoose prospect in the northern Fawnie Range.

C — Quartz diorite plugs: grey-green, medium-grained equigranular texture, hornblende dominant (≤20%) over biotite (≤3%); locally contains xenoliths of augite porphyry or fine grained diorite. Small bodies mapped near the margin, and locally intruded by Unit B.

B — Quartz monzonite and granodiorite (ca. 148.1 ± 0.6 Ma): Capoose batholith; pink, medium to coarse grained and equigranular; up to 15% combined fresh biotite and hornblende; numerous fine-grained grey dioritic xenoliths. South of Capoose Lake a probable unmapped granodiorite or quartz monzonite pluton, separate from the Capoose batholith, yields a potassium-argon age of 67.1 ± 2.3 Ma.

Bp — Porphyritic granodiorite and monzonite found locally along the border of the Capoose batholith in the Naglico Hills.

MIDDLE JURASSIC

A — Augite porphyry plugs: dark green, ≤ 20% augite phenocrysts (2-6mm) and randomly oriented plagioclase averaging 1-2 mm; rare laths up to 1 cm. Probable subvolcanic feeders to Unit 3a.

7 Exploration History

In the late 1960's Rio Tinto Canadian Exploration Ltd. carried out stream and lake sediment sampling surveys throughout the Nechako Plateau.

The BC Geological Survey undertook regional mapping, till sampling and regional lake sediment sampling programs throughout portions of the 93F map sheet in 1993 and 1994.

Parlane Resource Corp. undertook a stream silt and rock sampling program from June 14th to June 25th 2011 on the Big Bear property which consisted of 65 silt samples and 5 rock samples for a total cost of $17,093.03 (Strickland, 2011 Report 32 741) . Parlane Resource Corp. continued working the property until September 14, 2011 during which time 2,249 soil samples, 627 silt samples and 39 rock samples were collected and analyzed for a total cost of $200,936 03 (Strickland, 2011 Report 32 589). Little Bear Gold Corp. became the operating company for Parlane Resource Corp. in 2012.

8 Big Bear Property 2015 Exploration

Little Bear Gold Corp. began a follow-up sampling program, starting in Aug, 2012, building on results obtained from the work carried out in 2011 and 2012 . The 2015 program involved the collection of an additional 121 soil samples and prospecting in the vicinity of the 1,636.47-metres 2012 of core drilling program.

8.1 Soil Geochemistry

Soil sample locations were recorded by GPS, and given a UTM grid designation using the NAD 83 datum. Sample sites were marked by flagging. Samples were placed into craft paper bags then taken directly to Agat Laboratories , Terrace , BC where they were analyzed for 51-element ICP-MS analysis . See Appendix 2 for sample descriptions and assay results and Appendix 3 for maps displaying the results. All sample sites were marked with flagging tape. Samples and tags were placed Kraft paper bags and sealed with zip-ties. Sample locations were recorded by GPS and given a UTM grid designation using the NAD 83 datum. Details on methods and specifications for analyses : see Appendix 4.

9 Deposit Types

The Interior Plateau contains a number of present and past-producing mines, including Blackdome, Gibraltar, Endako and Equity Silver, all of which lay outside the current project area. A survey of mineral occurrences in the northern part of the Interior Plateau was carried out by Lane and Schroeter in order to document their characteristics and to establish local geologic setting and controls. These data are integrated in a conceptual model, repeated below in both graphical and table form (see table 4 and table 5).

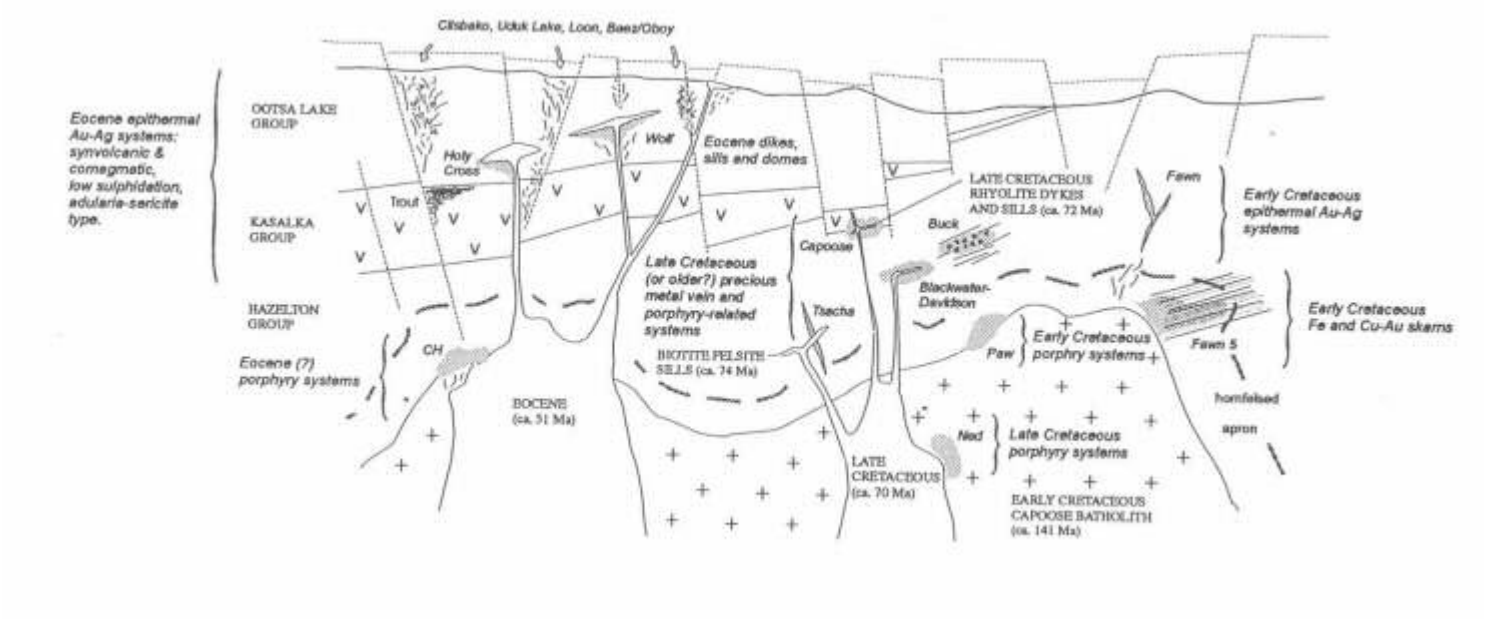


Figure 11: Schematic section showing location of mineral occurrences and spatially and/or genetically-related intrusions (Lane and Schroeter, 1997)

Analogies to mineralization surrounding (e.g., Mount Davidson, Capoose and Chu) suggest that any mineralization on the Nechako property may be related to the emplacement of Cretaceous intrusives into the Jurassic Hazelton and the Bowser Lake Groups. Sulphide mineralization as exists on the property may likely be associated with phyllic to potassic or kaolinite alteration of felsic and intermediate volcanic rocks, with secondary quartz. Specific mineralization is anticipated to consist of pyrite, sphalerite, tetrahedrite, and arsenopyrite; gold and silver mineralization zones are not expected to be necessarily confined to a particular lithologic unit.

Table 5: Characteristic Features of Mineral Occurrences in the Interior Plateau

Characteristic Features of Mineral Occurrences in the Interior Plateau (Lane and Schroeter, 1997)								
Occurrence	**Minfile**	**Metallic Minerals**	**Gangue Minerals**		**Style of Mineralization**	**Alteration**	**Age of Mineralization**	**Hostrock Group: lithologies**
Deposit Type								
Fawn	093F 048	py, aspy, ga	qtz, chal, calc, ser	ba,	disseminated in silica-flooded breccia and stockwork zones	silicic, argillic	Jurassic (?)	Hazelton: andesitic flows; limy ash, lapilli and block tuffs
Epithermal Au-Ag								
Malaput	n/a	py, sph, gln	qtz, ser, calc		weakly developed stockworks in broad alteration zone	silicic, argillic	Jurassic (?)	Hazelton: felsic tuffs and/or flows
Baez (Oboy)	093C 015	py, aspy	K-fld, ser, calc, chl	qtz,	fine-grained disseminations in, and peripheral, to veinlets and breccias	potassic, phyllic, silicic, argillic	Eocene	Ootsa Lake: rhyolitic flows, breccias
Au-Ag Base Metal								
April	093F 060	sph, gln, py, po, aspy, cpy	qtz, chl, calc	qtz, K- fld, chl, calc	clay, disseminations in altered horizons	silicic, argillic, potassic, propylitic	Eocene	Jurassic (?)	Skeena: sandstone, conglomerate, siltstone and argillite cut by gfp dikes
Bob	093B 054	py, aspy, sb			coarse-grained disseminations to semi-massive, crudely banded veins/shears	phyllic, propyllitic			Hazelton: tuffaceous/limy siltstones
Ben	093F 059	aspy, py, po, cpy, gln, sph, mo	py, marc, aspy	qtz, chal	fine-grained whisps and disseminations in stockwork and breccia zones	silicic	Eocene	Jurassic (?)	Ootsa Lake: rhyolite flows, tuffs, breccias; andesite flows and breccias
Holy Cross	093C 016		qtz, bio		semi-massive veins, layered to laminated or foliated	phyllic, potassic			Hazelton: intermediate flows, tuffs
Blackwater-Davidson	093F 027	sph, py, po, gln, lei, bou, marc	aspy, cpy, py	qtz, ba	sparsely disseminated in intensely silicified zones	silicic, argillic, hematitic	Eocene		Ootsa Lake: rhyolite dome complexes
Buck - Xmas Cake	093F 029		qtz, ser, bio		disseminated and fracture-controlled; replacements	phyllic, potassic		Late-Cretaceous (?)	Hazelton: felsic and intermediate flows and tuffs; siltstone and argillite
Buck-Rutt	093F 050	sp, py, po, ga, cp	py	qtz, carb	disseminated, drusy in-fillings in massive to semi-massive sulphide breccia	silicic	Eocene	Late-Cretaceous (?)	Ootsa Lake: felsic and intermediate flows, tuffs and breccias
Loon	093F 061			qtz, chal	stockwork and breccia zones	argillic			Hazelton: rhyolite flows, breccias
Capoose	093F 040	sph, py, po	qtz, ser, chl, clay		disseminated, laminated layered, crudely	argillic, phyllic, silcic	Eocene	Late-Cretaceous (?)	Kasalka(?): polymictic conglomerate and andesitic breccia
Trout	093F 044	py, Au, el	qtz, ad		rhythmically banded quartz-tourmaline veins and silica-flooded zones	silicic			Hazelton: tuffaceous siltstones, argillites
Au-Cu (-Fe) Skarn	Uduk Lake	sph, gln, py, aspy, cpy, tel, po, pyg, el, Au	qtz, gnl, mus		disseminated, replacement and fracture-controlled	phyllic, hornfels		Late-Cretaceous	Hazelton: garnetiferous rhyolite sills, hornfels
	093F 057	py	qtz, chal		fine- and coarse-grained disseminations in stockwork and breccia zones	silicic, argillic	Eocene		Ootsa Lake: rhyolite flows, tuffs and breccias
Fawn 5	093F 053	mag, po, py, cpy, aspy, gln	bio, chal, ep, dp, calc		massive to semi-massive magnetite; disseminated sulphides in metasomatized andesite tuffs	hornfels, calc-silicate; metasomatism	Eocene	Jurassic	Ootsa Lake: rhyolite and high-level intrusions
Wolf	093F 045	Au, Ag, el, py, cpy	qtz, calc, chal		disseminations in banded and bladed veinlets; microscopic inclusions of Au in py	silicic, argillic			Hazelton: andesitic flows, tuffs, fragmentals
Porphyry Mo-Cu								
CH, C	093F 004	py, cpy, po, mo	sb, aspy, cnb, Au	py, marc, qtz, K-fld, bio, mag	qtz, chal	disseminated in veinlets and weakly developed stockworks	fine-grained disseminations and blebs in stockworks and breccias	silicic, argillic, potassic, propyllitic, phyllic	Eocene	Eocene (?)	Ootsa Lake: rhyolite tuffs, breccias, sandstone	Hazelton: andesite flows, siltstones. Crowded feldspar porphyry, granodiorite and diorite
Yellow Moose	093F 058											
Paw	093F 052	py, mo, cpy	py, cpy, agl, el, sief	Au, gln,	qtz, calc, amih, hem	chal, disseminated and fracture-controlled	fine-grained disseminations, colloform banded and bladed veins	silicic	pre-Late Cretaceous	Jurassic	Hazelton: rhyolite flows, ash flow tuffs	Capoose batholith: diorite to granodiorite
Tsacha	093F 055							silicic, argillic, phyllic				
Chu	093F 001	mo, py, po, cpy	qtz, bio		disseminated and fracture-controlled	hornfels, potassic		Jurassic (?)			Hazelton: pyrroclastic andesite and siltstone; granodiorite dikes related to the Capoose batholith(?)	

T

b

a

Ned	093F 039	mo, py, cpy	qtz	disseminated and fracture-controlled	silicic	Late-Cretaceous (?)	Late Cretaceous(?) quartz monzonite

Table 6: Discovery Methods for Selected Prospects in the Interior Plateau Project Area, BC

Discovery Methods for Selected Prospects in the Interior Plateau Project Area, BC (Lane andSchroeter, 1997)					
Property	**Deposit Type**	**Discovered By:**	**Year**	**Discovery Method**	**Current Owner**
April	Mesothermal vein?	Granges Expl. Ab.	1982	Regional geochemical stream sediment sampling: Zn-Ag anomalies followed by prospecting and grid-based soil sampling	Placer Dome
Baez	Epithermal Au	Phelps Dodge	1992	Reconnaissance stream sediment and soil sampling, rock sampling, geophysics, diamond drilling	Phelps Dodge
Ben	Mesothermal vein	BHP-Utah		Reconnaissance exploration for volcanogenic massive sulphide mineralization in Hazelton Group rocks	BHP - Utah
Blackwater-Davidson (Pem)	Porphyry-related Au-Ag	Granges Expl. Ab.	1973	Reconnaissance silt sampling: Pb-Zn-Ag stream sediment anomalies led to subsequent soil sampling and staking of the Pem claim	Granges
Buck (Range)	Mesothermal vein?	BP Minerals Ltd.	1981	Reconnaissance geochemical sampling and prospecting outlined several base metal - silver anomalies; trenching and rock sampling followed	Western Keltic Mines Ltd.
Capoose	Porphyry-related Ag-Au	Rio Tinto Canadian Expl. Ltd.	<1969	Reconnaissance stream and lake sediment sampling; follow-up prospecting, soil and rock sampling, trenching and diamond drilling	Granges
CH (C)	Porphyry Cu-Au	Rio Tinto Canadian Expl. Ltd.	<1969	Reconnaissance lake sediment sampling (and interpretation of federal government regional aeromagnetic survey); follow-up IP/Resistivity and magnetometer surveys in conjunction with bedrock mapping over favourable geology of Jurassic Hazelton Group intruded by Chutanli Lake monzonitic stocks	Placer Dome
Chu	Porphyry Cu	ASARCO Inc.	1969	Reconnaissance stream sediment anomalies led to the discovery of copper and molybdenum mineralization in outcrop	Orvana
Clisbako	Epithermal Au	Eighty-Eight Res.	1990	Prospecting and rock sampling; trenching and diamond drilling; biogeochemistry	Eighty-Eight

Property	Deposit Type	Discovered By:	Year	Discovery Method	Current Owner
Fawn (Gran)	Epithermal Au-Ag	BP Minerals Ltd.	1982	Reconnaissance geochemical sampling and prospecting in an area of favourable garnet alteration, and Pb lake sediment anomaly, outlined a broad base metal-silver anomaly; trenching, geophysics and diamond drilling confirmed orientation and width	Western Keltic Mines Ltd.
Fawn 5	Skarn Fe, Skarn Cu-Au	BP Minerals Ltd. BC Geological Survey	1983 1993	Reconnaissance mapping and sampling on the margin of the Capoose batholith	Western Keltic Mines Ltd.
Holy Cross	Epithermal Au	Noranda	1987	Prospecting and rock chip sampling of silica-flooded rhyolite followed by trenching	Kennecott
Loon	Epithermal Au	Mingold Resources Inc.	1988	Reconnaissance exploration; prospecting; traced mineralized float boulders up-ice to their source	Hudson Bay
Ned	Porphyry Mo-Cu	Granges Expl. Ab.	1975	Reconnaissance stream and lake sediment sampling; follow-up soil sampling outlined an area of anomalous Mo-Cu	none
Oboy	Epithermal Au	Rio Algom Exploration Inc.	1985	Reconnaissance soil and stream sediment Ag-As anomalies	Phelps Dodge
Paw	Porphyry Mo-Cu	Perry Grunenberg	1993	Prospecting new logging roads	Perry Grunenberg
Tsacha (Tommy)	Epithermal Au	BC Geological Survey	1993	Regional mapping crew discovered and sampled auriferous epithermal quartz vein and stockwork mineralization	Teck
Trout	Epithermal Au	Kerr Addison Mines Ltd.	1984	Reconnaissance exploration; prospecting, mapping and sampling	Phelps Dodge
Uduk Lake	Epithermal Au	Amax Exploration	1980	Reconnaissance mapping; soil and rock geochemistry, geophysics and trenching	Pacific Comox Pioneer Metals
Wolf	Epithermal Au	Rio Algom Expl. Inc.	1983	Anomalous silver lake-sediment anomaly followed by soil and rock sampling, biogeochemistry, geophysics, trenching and diamond drilling	Lucero
Yellow Moose	Epithermal Au	Newmont Expl. of Canada Ltd.	1987	Structural interpretation of Landsat image data followed by reconnaissance prospecting; traced stibnite-bearing float up-ice to bedrock source	Phelps Dodge

10 Adjacent Properties

The Big Bear property is also directly northwest of the New Gold's Blackwater developed prospect. Grade and tonnage announced on May 2013 include:

Table 7: Blackwater Deposit

	-	Blackwater	Capoose
Measured and Indicated	Gold	7.52 million ounces	0.4 million ounces
	Silver	36.9 million ounces	26.6 million ounces
Inferred	Gold	2.66 million ounces	0.4 million ounces
	Silver	28.3 million ounces	29.5 million ounces

Source: www.newgold.com

Cautionary statement: that the potential quantity indicated above has not been verified by the author and may not be indicative of the Big Bear property, the subject of this report. It has been provided only for illustration purposes.

11 Results: interpretation of results

Soil samples with elevated gold and silver values, up to 14 ppb gold, 7.48 ppm silver and 721 ppm zinc, occur clustered immediately to the south and towards the southeast of drill hole DDH12-4. This zone extends approximately 400 metres to the south and 150 metres to the southeast (Appendix 6) from the drill hole. Samples were spaced 50 metres apart on lines that were also spaced 50 metres apart.

12 Conclusions and Recommendations

Exploration in the area of the Black Bear Zone has identified significant, previously undiscovered mineralization in drill core from two 300-metre holes. Soil sampling during 2015 in the vicinity of the drilling suggests that the mineralized zone may extend upwards of 500 metres towards the south.

The proximity to the Blackwater and Capoose properties immediately adjacent to the SE and NW, respectively, and th e discovery at the Black Bear Zone, indicates the Big Bear property is highly prospective for the discovery of additional mineralization.

The Black Bear Zone should receive considerable additional core drilling in order to determine the size and extent of mineralization, including deepening beyond the 300 metres depth of known mineralization. Additional detailed soil sampling , geological mapping and induced polarization surveys should be conducted in this area prior to drilling.

The Brown Bear Zone, on the south side of Top Lake, was a 2012 drill target but was not drilled due to time and weather constraints. This area should be drill tested.

Two areas , the Medley and the Gizmo Zones, located in the western block of the big Bear Property approximately 3.7 kilometres NW of the Black Bear, requires detailed soil sampling, mapping and geophysical surveying. Copper mineralization was discovered in bedrock exposure at these sites during soil sampling early in the 2012 program.

13 References

Anderson, R.G. and Thorkelson, D.J. (1990): Mesozoic Stratigra phy and Setting for some Mineral Deposits in Iskut River Map Area, Northwestern British Columbia; in Current Re search, Part E, Geological Survey of Canada, Paper 90-1E, pages 131-

139.

Andrew, K.P.E. (1988): Geol ogy and Genesis of the Wolf Pre cious Metal Epithermal Prospect and the Capoose Base and Precious Metal Porphyry-style Prospect, Capoose Lake Area, Central British Columbia; unpublished M.Sc. thesis, The University of British Columbia, 334 pages.

Armstrong, J.E. (1949): Fort St. James Map-area, Cassiar and Coast Districts, British Columbia; Geological Survey of Canada, Memoir 252, 210 pages.

Best, M.E., Levson, V.M. and Diakow, L.J. (1996): Electromagnetic Mapping in Drift Covered Regions of the Nechako Plateau, British Columbia; in Interior Plateau Geoscience Project: Summary of Geological, Geochemical Studies, Newell, J.M. and Diakow, L.J., Editors, B.C. Ministry of Employment and Investment, Paper 1997-2.

Bevier, M.L. (1983a): Regional Stratigraphy and Age of Chilcotin Group Basalts, South -central British Columbia; Cana dian Journal of Earth Sciences, Volume 20, pages 515 -524.

Bevier, M.L. (1983b): Implications of Chemical and Isotopic Composition for Petrogenesis of Chilcotin Group Basalts, British Columbia; Journal of Petrology, Volume 24, pages 207-226.

Bevier, M.L., Armstrong, R.L. and Souther, J.G. (1979): Miocene Peralkaline Volcanism in West-central British Columbia -Its Temporal and Plate-tectonic Setting; Geology, Volume 7, pages 389-392.

Church, B.N. and Barakso, J.J. (1990): Geology, Lithogeochemistry and Mineralization in the Buck Creek Area, British Columbia; B.C. Ministry of Energy, Mines and Petroleum Resources, Paper 1990-2. 95 pages.

Dawson, G.M. (1878): Explorations in British Columbia, Chiefly in the Basins of the Blackwater, Salmon and Nechako Rivers, and on Francois Lake; Geological Survey of Canada, Report on Progress 1876-77, pages 17-94.

Diakow, L.J. and Koyanagi, V. (1988): Stratigraphy and Mineral Occurrences of Chikamin Mountain and Whitesail Reach Map Areas (93E/6,10); in Geological Fieldwork 1987, B.C. Ministry of Energy, Mines and Petroleum Resources, Paper 1988-1, pages 155-168.

Diakow, L.J. and Webster, I.C.L. (1994): Geology of the Fawnie Creek Map Area (93F/3); in Geological Fieldwork 1993, Grant, B. and Newell, J.M., Editors, B.C. Ministry of Energy, Mines, and Petroleum Resources, Paper 1994-1, pages 15- 26.

Diakow, L.J., Drobe, J.R. and Poulton, T.P. (in preparation): Geology between Eutsuk Lake and Morice Lake, Whitesail Lake Map Area (93E/6,10,11,13,14), West-central British Columbia; B.C. Ministry of Employment and Investment, Bulletin 90.

Diakow, Li., Panteleyev, A. an d Schroeter, T.G. (1993a): Geol ogy of the Early Jurassic Toodoggone Formation and Gold-silver Deposits in the Toodoggone River Map Area, Northern British Columbia; B.C. Ministry of Energy, Mines and Petroleum Resources, Bulletin 86, 72 pages.

Diakow, Li., Green, K., Whittles, J. and Perry, A. (1993b): Geology of the Natalkuz Lake Area, Central British Colum¬bia (NTS 93F/6); B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1993-14.

Diakow, Li., Webster, 1.C.L., Levson, V.M. and Giles, T.R. (1994): Bedrock and Surficial Geology of the Fawnie Creek Map Area (NTS 93F/3); B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1994-2.

Diakow, L.J., Webster, I.C.L., Whittles, J.A. and Richards, T.A. (1995a): Stratigraphic Highlights of Bedrock Mapping in the Southern Nechako Plateau, Northern Interior Plateau Region; in Geological Fieldwork 1994, Grant, B. and Newell, J.M., Editors, B.C. Ministry of Energy, Mines and Petroleum Resources, Paper 1995-1, pages 171-176.

Diakow, L.J., Webster, 1.C.L., Whittles, J.A., Richards, T.A., Giles, T.R. and Levson, V.M. (1995b): Bedrock and Surf¬cial Geology of the Tsacha Lake Map Area (NTS 93F/2); B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1995-16.

Diakow, Li, Webster, I.C.L., Whittles, J.A., Richards, T.A., Giles, T.R., Levson, V.M. and Weary, G.F. (1995c): Bedrock and Surficial Geology of the Chedakuz Creek Map Area (NTS 93W7); B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1995-17.

Diakow L.J, and I.C.L. Webster, T.A. Richards, and H.W. Tipper, 1997, GEOLOGY OF THE FAVVNIE AND NECHAKO RANGES, SOUTHERN NECHAKO PLATEAU, CENTRAL BRITISH COLUMBIA (93F/2, 3, 6, 7) Open file 3448 , Geological Survey of Canada

Diakow, L. J. and Levson V.M., 1997, Bedrock and Surfical Geology of the Southern Nechako Plateau, Central British Columbia, Ministry of Employment and Investment, Geoscience Map, 1997-2, 1:100,000 Scale

Drobe, J.R. (1991): Petrology and Petrogenesis of the Ootsa Lake Group in the Whitesail Range, West-central British Columbia;

unpublished M.Sc. thesis, Queen's University, 200 pages.

Duffell, S, (1959): Whitesail Lake Map Area, British Columbia;

Geological Survey of Canada, Memoir 299, 119 pages.
Evenchick, C.A. (1991a): Geometry, Evolution and Tectonic Framework of the Skeena Fold Belt, North Central British Columbia; Tectonics, Volume 10, No. 3, pages 527-546.

Evenchick, C.A. (1991b): Jurassic Stratigraphy of East Telegraph Creek and West Spatsizi Map Areas, British Columbia; in Current Research, Part A, Geological Survey of Canada, Paper 91-1A, pages 155-162.

Evenchick, C.A. and McNicoll, V.J. (1993): U-Pb Ages for Late Cretaceous and Early Tertiary Plutons in the Skeena Fold Belt, North-central British Columbia; in Radiogenic Age and Isotopic Studies: Report 7, Geological Survey of Canada, Paper 93-2, pages 99-106.

Ewing, T.E. (1980): Paleogene Tectonic Evolution of the Pacific Northwest; Journal of Geology, Volume 88, pages 619-638,

Frebold, H., Tipper, H.W. and Coates, J.A. (1969): Toarcian and Bajocian Rocks and Guide Ammonites from Southwestern British Columbia; Geological Survey of Canada, Paper 67 10, 55 pages.

Friedman, R.M. and Armstrong, R.L. (1988): Tatla Lake Metamorphic Complex: An Eocene Metamorphic Core Complex on the Southwestern Edge of the Intermontane Belt of British Columbia; Tectonics, Volume 7, No. 6, pages 1141-1166.

Green, K.C. and Diakow, L.J. (1993): The Fawnie Range Project - Geology of the Natalkuz Lake Map Area (93F/6); in Geological Fieldwork 1992, Grant, B. and Newell, J.M., Editors, B.C. Ministry of Energy, Mines and Petroleum Resources, Paper 1993-1, pages 57-67.

Holland, S.S. (1976): Landforms of British Columbia; B.C. Ministry of Energy, Mines and Petroleum Resources, Bulletin 48, 138 pages.

Hunt, J.A. (1992): Stratigraphy, Maturation and Source Rock Potential of Cretaceous Strata in the Chilcotin-Nechako Region of British Columbia; unpublished M.Sc. thesis, The University of British Columbia, 448 pages.

Jakobs, G. (1993): Jurassic Stratigraphy of the Diagonal Mountain Area, McConnell Creek Map Area, North-central British Columbia; in Current Research, Part A, Geological Survey of Canada, Paper 93-1A, pages 43-46.

Jakobs, G.K., Smith, P.L. and Tipper, H.W. (1994): Towards an Ammonite Zonation for the Toarcian of North America; Geobios, M.S.17, pages 317-325.

Jeletzky, O.L. (1976): Preliminary Report on Stratigraphy and Depositional History of Middle and Upper Jurassic Strata in McConnell Creek Map-Area (94D West Half), British Columbia; in Report of Activities, Part A, Geological Survey of Canada, Paper 1976-1A, pages 63-67.

Lane, R.A. and Schroeter, T.G. (1996): A Review of Metallic Mineralization in the Interior Plateau, Central British Columbia (Parts of 93/B, C, F); in Interior Plateau Geoscience Project: Summary of Geological, Geochemical Studies, Newell, J.M. and Diakow, L.1., Editors, B. C. Ministry of Employment and Investment, Paper 1997-2.

MacIntyre, D.G., Webster, I.C.L. and Bellefontaine, K,A. (1996): Babine Porphyry Belt Project: Bedrock Geology of the Fulton Lake Map Area (93L/16), British Columbia; in Geological Fieldwork 1995, Grant, B. and Newell, J.M., Editors, B.C. Ministry of Energy, Mines and Petroleum Resources, Paper 1996-1, pages11-35.'

Mathews, W.H. (1989): Neogene Chilcotin Basalts in South-central British Columbia: Geology, Ages and Geomorphic History; Canadian Journal of Earth Sciences, Volume 26, pages 969-982.

Metcalfe, P., Richards, T., Villeneuve, M., White, J. and Hickson, C. (1996): Physical and Chemical Volcanology of the Eocene Mount Clisbako Volcano, Central British Columbia; in Interior Plateau Geoscience Project: Summary of Geological, Geochemical Studies, Newell, J.M. and Diakow, L.J., Editors, B.C. Ministry of Employment and Investment, Paper 1997-2.

Mihalynuk, M.G. (1987): Metamorphic, Structural and Strati-graphic Evolution of the Telkwa Formation, Zymoetz River Area (NTS 1031/8 and 93L/5), near Terrace, British Columbia; unpublished M.Sc. thesis, The University of Calgary, 128 pages.

Monger, J.W.H. (1977): Upper Paleozoic Rocks of the Western Canadian Cordillera and their Bearing on Cordilleran Evolution; Canadian Journal of Earth Sciences, Volume 14, pages 1832-1859.

Ricketts, B.D. and Evenchick, C.A. (1991): Analysis of the Middle to Upper Jurassic Bowser Basin, Northern British Columbia; in Current Research, Part A, Geological Survey of Canada, Paper, 91-1A, pages 65-73.
Schiarizza, P. and Garver, J.1. (1995): Guide to the Geology and Tectonic Evolution of the Bridge River Area, Southeastern

Coast Belt, Southwestern British Columbia; Geological Association of Canada/ Mineralogical Association of Canada, GAC/MAC Victoria '95 Fieldtrip Guidebook, 87 pages.

Souther, J.G. (1986): The Western Anahim Belt: Root Zone of a Peralkaline Magma System; Canadian Journal of Earth Sciences, Volume 23, No. 6, pages 895-908.

Souther, J.G. (1991): Volcanic Regimes, Chapter 14; in Geology of the Cordilleran Orogen in Canada, Gabrielse, H. and Yorath, C.J., Editors, Geological Survey of Canada, Geology of Canada, Number 4, pages 457-490.

Souther, J.G. and Souther, M.E.K. (1994): The Ilgachuz Range and Adjacent parts of the Interior Plateau, British Columbia; Geological Survey of Canada, Bulletin 462, 75 pages.

Strickland, D.A. (2011): Assessment Report The Big Bear Property; British Columbia Ministry Of Energy and Mines, Assessment Report 32 589.

Strickland, D.A. (2011): Assessment Report The Big Bear Property; British Columbia Ministry Of Energy and Mines, Assessment Report 32 741.

Thomson, R.C., Smith, P.L. and Tipper, H.W. (1986): Lower and Middle Jurassic (Pliensbachian to Bajocian) Stratigraphy of the Northern Spatsizi Area, North-central British Columbia; Canadian Journal of Earth Sciences, Volume 23, No. 12, pages 1963-1973.

Tipper, H.W. (1963): Nechako River Map Area, British Columbia; Geological Survey of Canada, Memoir 324, 59 pages.

Tipper, H.W. (1969): Anahim Lake, British Columbia; Geological Survey of Canada, Map 1202A.

Tipper, H.W. and Richards, T.A. (1976a): Jurassic Stratigraphy and History of North-central British Columbia; Geological Survey of Canada, Bulletin 270, 73 pages.

Tipper, H.W. and Richards, T.A. (1976b): Geology of the Smith ers Area; Geological Survey of Canada, Open File 351.

van der Heyden, P. (1982): Tectonic and Stratigraphic Relations Between the Coast Plutonic Complex and Intermontane Belt, West-central Whitesail Lake Map Area; unpublished M.Sc. thesis, The University of British Columbia, 172 pages.

van der Heyden, P. (1989): U-Pb and K- Ar Geochronometry of the Coast Plutonic Complex, 539N to 54-N, British Columbia and Implications for the Insular-Intermontane Superterrane Boundary; unpublished Ph.D. thesis, The University of British Columbia, 392 pages.

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13.1.1 Appendix 1 Statement of Expenditures

Statement of Expenditure for Big Bear Project: June 19 – December 20, 2012				
Labour-Contract	**Rate**		**Number of Units**	**Cost**
Ian Webster P.Geo. Geologist	$600.00/ day	**Aug 5- 15, Oct 22, 2015**	11	$6,600
Randy Wiebe - Sampler	$300.00/ day	**Aug 11 – 15, 2015**	5	$1,500
Vehicle (4x4)	$54.45/day		11	$600
Accommodations & food	$100/d		108	$1,600
Assays Soils & shipping	$25/sample		121	$3,025
ATV rental	$72.50/day		10	$725
Reports and maps				$1,000.00
Program Total				**$15,050**

13.1.2 Appendix 2: Statement of Qualification

Statement of Qualifications

I, Ian C.L. Webster certify that;

1. I am a geologist with a business address at 526 Joffre Street, Victoria, British Columbia, Canada, V9A 6C9.

2. I am a graduate of Brock University with a Bachelor of Geological Sciences (Honours) degree in Geology (1988).

3. I am a registered Professional Geoscientist (No. 19859) in The Association of Professional Engineers and Geoscientists of the Province of British Columbia.

4. I have been employed in the mineral exploration industry since 1982 and have practiced my profession continuously since 1988.

Dated at Victoria, British Columbia; March 4, 2016.

Ian Webster P.Geo.

13.1.3 : Appendix 3: Analytical methods

AGAT Method Code: 226 022, 226 001, 226 006, 226 012

AGAT SOP: MIN-12008, MIN-12009, MIN-12010, MIN-12011, MIN-200-12012, MIN-12013, MIN-200- 12013

Steps

1. Sample Reception – Laboratory Information Management System (LIMS)
2. Mining, drying of geological samples
3. Mining branches, crushing mineralogical samples
4. Mining branches, sample size reduction of mineralogical samples
5. Mining branches, milling of minerological samples
6. Standard operating procedure for compressed air usage
7. Compressed air usage – mining branches.

Sample Reception

- Samples will arrive via courier, client drop-off or picked up by AGAT Laboratories or an AGAT Representative.
- Samples are inspected and compared to the Chain of Custody (COC) and logged into the AGAT LIMS program.
- Deviations from the COC are noted in AGAT Laboratories' Sample Integrity Report (SIR) and sent immediately to the client via email and posted on the clients' *WebMINING* account.

Drying: Specified samples are dried to 60°C.

Crushing and Splitting: Unless instructed by the client, specified samples are crushed to 75 per cent passing 10 mesh (2mm) and split to 250 g using a Jones riffler splitter or rotary split.

Pulverizing: Unless instructed by the client, specified samples are pulverized to 85 per cent passing 200 mesh (75µm).

Screening: After drying specific sample are shaken on an 80 mesh sieve with the plus fraction stored and the minus fraction sent to the laboratory for analysis.

All equipment are cleaned using quartz and air from a compressed air source. Blanks, sample replicates, duplicates, and internal reference materials (both aqueous and geochemical standards) are routinely used as part of AGAT Laboratories' quality assurance program.

Instrumentation Used

- Rocklabs Boyd Crusher with RSD Combo, TM Terminator Crushers, TM TM-2 Pulverizers are routinely used in sample preparation procedures.

AGAT Method Code: 202 052, 202 054, 202 552, 202 554 **AGAT SOP:** MIN-200-120006

Method Description: Determination of Gold, Platinum and Palladium in Geological Samples by Lead Fusion Fire Assay with Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) Finish

Prepared samples are fused using accepted fire assay techniques, cupelled and parted in nitric acid and hydrochloric acid. Sample splits of 30g are routinely used. If 50g are required than 202552 or 202554 are used. 202052 and 202552 refer to gold analysis only.

Blanks, sample replicates, duplicates, and internal reference materials (both aqueous and geochemical standards) are routinely used as part of AGAT Laboratories quality assurance program.

PerkinElmer 7300DV and 8300DV ICP-OES instruments are used in the analysis.

Detection Limits:

Analytical Range	
Analyte	(ppm)
Au	0.001-10
Pt	0.005-10
Pd	0.001-10

AGAT Method Code: 202 064, 202 564, 202 066, 202 566 **AGAT SOP:** MIN-200-12004

Method Description: Determination of Gold and Silver in Mineralogical Samples by Lead Fusion Fire Assay with Gravimetric Finish

Prepared samples are fused using accepted fire assay techniques.

Samples are cupelled, parted in nitric acid and weighed.

Sample splits of 30g are routinely used. If 50g weights are required then 202564 (Au) and 202566 (Ag) are used.

Blanks, sample replicates, duplicates, and internal reference materials (both aqueous and geochemical standards) are routinely used as part of AGAT Laboratories quality assurance program.

Mettler Toledo XP6 microbalances are used in the analysis.

AGAT Method Code: 201 074 **AGAT SOP:** MIN-200-12018

Method Description: Determination of Metals in Geological Materials using an Aqua Regia Digestion and an Inductively Coupled Plasma – Optical Emission Spectroscopy (ICP-OES) and Inductively Coupled Plasma – Mass Spectrometry (ICPMS) Finish

Prepared samples are digested with aqua regia for one hour using temperature controlled hot blocks. Resulting digests are diluted with de-ionized water. Sample splits of 1 g are routinely used.

Solubility of elements can be dependent on the mineral species present and as such, data reported from the aqua regia leach should be considered as representing only the leachable portion of a particular analyte.

Blanks, sample replicates, duplicates, and internal reference materials (both aqueous and geochemical standards) are routinely used as part of AGAT Laboratories quality assurance program.

PerkinElmer 7300DV and 8300DV ICP-OES and Perkin Elmer Elan 9000 and NexION ICP-MS instruments are used in the analysis. Inter-Element Correction (IEC) techniques are used to correct for any spectral interferences.

Solubility of elements can be dependent on the mineral species present and as such, data reported from the aqua regia leach should be considered as representing only the leachable portion of a particular analyte.

Analytical Range					
Analyte	(ppm)	Analyte	(ppm)	Analyte	(ppm)
Ag	0.01 - 100	Ge	0.05 - 500	S	0.005% - 10%
Al	0.01% - 25%	Hf	0.02 - 500	Sb	0.05 - 10,000
As	0.1 - 10,000	Hg	0.01 - 10,000	Sc	0.1 - 10,000
Au	0.01 - 25	In	0.005 - 1,000	Se	0.2 - 10,000
B	5 - 10,000	K	0.01% - 10%	Sn	0.2 - 1,000
Ba	1 - 10,000	La	0.1 - 10,000	Sr	0.2 - 10,000
Be	0.05 - 1,000	Li	0.1 - 10,000	Ta	0.01 - 1,000
Bi	0.01 - 10,000	Mg	0.01% - 25%	Te	0.01 - 1,000
Ca	0.01% - 25%	Mn	1 - 50,000	Th	0.1 - 10,000
Cd	0.01 - 1,000	Mo	0.05 - 10,000	Ti	0.005% - 25%
Ce	0.01 - 10,000	Na	0.01% - 25%	Tl	0.02 - 10,000
Co	0.1 - 10,000	Nb	0.05 - 500	U	0.05 - 10,000
Cr	0.5 - 10,000	Ni	0.2 - 10,000	V	0.5 - 10,000
Cu	0.5 - 10,000	P	10 - 10,000	W	0.05 - 10,000
Cs	0.05 - 1,000	Pb	0.1 - 10,000	Y	0.05 - 1,000
Fe	0.01% - 50%	Rb	0.1 - 10,000	Zn	0.5 - 10,000
Ga	0.05 - 10,000	Re	0.001 - 50	Zr	0.5 - 1,000

AGAT Method Code: 201 075 **AGAT SOP:** MIN-200-12032

Method Description: Determination of Over Limit Metals in Geological Samples by Aqua Regia Digestion Followed by Atomic Absorption Spectroscopy (AAS) Finish

Prepared samples are digested with Aqua Regia for one hour using temperature controlled hot blocks. Resulting digests are diluted to 50mL with de-ionized water. Sample splits of 1g are routinely used.

Solubility of elements can be dependent on the mineral species present and as such, data reported from the aqua regia leach should be considered as representing only the leachable portion of a particular analyte.

Blanks, sample replicates, duplicates and internal reference materials (both aqueous and geochemical standards) are routinely used as part of AGAT Laboratories' Quality Assurance Program.

PerkinElmer AAnalyst 400 AAS instruments are used in the analysis.

Accreditation

AGAT Laboratories is proud to have one of the largest scopes of accreditation in the industry. AGAT Laboratories Mining Division, including all of our sample preparation branch locations, have received ISO 17025 accreditation with the Standards Council of Canada. To achieve this level of accreditation AGAT Laboratories must, at a minimum, provide evidence of:

- Both internal and external audits
- A quality system
- Proper control of documents and records
- Analytical traceability
- Proven competence of personnel
- Ensure method validation
- Evidence of maintenance and calibration of equipment
- Regular, successful proficiency testing

AGAT Laboratories employs BC Certified Assayers on staff and AGAT Laboratories is also proud to be a member of the Council of Advisors for the Board of Assayers.

Blanks, sample replicates, duplicates, and internal reference materials (both aqueous and geochemical standards) are routinely used as part of AGAT Laboratories' Quality Assurance Program.

Aqueous reference materials are from different lot numbers, and manufacturers, than from calibration solutions. Geochemical reference materials are used at least

Method and Reagent blanks are analyzed randomly at least once in every group of up to 30 samples.

Certified reference materials must be weighed and processed at least every 20 samples or once per fusion set if the set is less than 20 samples.

Replicates and duplicates are chosen at random and are processed every 20 samples or once per fusion set if the set is less than 20 samples.

AGAT Laboratories recognizes the importance of quality and TAT on projects. This is why client requested rework is placed at the front of the laboratory queue as a rule rather than the exception.

Samples arrives via courier, client drop-off or picked up by AGAT Laboratories or an AGAT Laboratories representative. Samples are inspected and compared to the Chain of Custody (COC) and logged into the AGAT LIMS program. Deviations from the COC are noted in AGAT's Sample Integrity Report (SIR) and sent immediately to the client via email and posted on the clients AGAT *WebMINING* account.

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13.1.4 Appendix 3: Sample Descriptions and Results

Sample Number	Sampler	Date	UTM Zone 10 NAD83 Easting	UTM Zone 10 NAD83 Northing	Depth (cm)	Colour	Size fraction	% Clasts	Clast Shape	Clast size cm	Comments	Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be
												Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm
												RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05
E5151613	I. Webster	09/08/2015	365201	5901105	10	grey	silt	45	subround	5	site moved N to avoid esker		0.24	0.1	0.46	3.3	0.009	<5	49	0.07
E5151614	I. Webster	09/08/2015	365200	5901150	22	med brown	sandy	20	subangular	6			0.34	0.15	1.37	5.5	<0.005	<5	135	0.34
E5151615	I. Webster	09/08/2015	365200	5901200	20	orangey brown		30	subangular	2			0.3	0.38	1.6	9.2	<0.005	<5	61	0.33
E5151616	I. Webster	09/08/2015	365199	5901250	21	light brown	sandy	20	subangular	2			0.3	0.37	1.58	8	<0.005	<5	117	0.44
E5151617	I. Webster	09/08/2015	365198	5901299	20	med brown	sandy	15	subangular	2			0.32	0.32	1.71	9.1	0.012	<5	89	0.4
E5151618	I. Webster	09/08/2015	365200	5901348	18	light brown	sandy	10	subround	2			0.32	0.46	1.91	5.3	<0.005	<5	119	0.41
E5151619	I. Webster	09/08/2015	365200	5901400	18	light brown	sandy	10	subround	2			0.36	1.32	2.13	12.2	<0.005	<5	84	0.48
E5151620	I. Webster	09/08/2015	365199	5901451	17	light brown	sandy	25	subangular	4			0.3	0.66	1.32	7.1	<0.005	<5	63	0.25
E5151621	I. Webster	09/08/2015	365198	5901570	19	light brown	sandy	30	subround	6	moved upslope out of marsh		0.34	1.17	1.55	6	0.031	<5	187	0.39
E5151622	I. Webster	09/08/2015	365200	5901600	15	light brown	sandy	25	subround	2	edge of esker possibly		0.3	0.54	1.04	6.3	<0.005	<5	60	0.23
E5151623	R. Wiebe	11/08/2015	365197	5901648	18	reddish brc	sandy	25	subround	5			0.3	0.27	0.9	51.5	0.028	<5	113	0.51
E5151624	R. Wiebe	11/08/2015	365196	5901702	22	li brown	sandy	55	angular	2			0.28	0.6	1.07	9.3	<0.005	<5	60	0.23
E5151625	R. Wiebe	11/08/2015	365197	5901745	18	brownish gray		40	subangular	2			0.44	0.48	0.74	6.7	<0.005	<5	555	0.29
E5151626	R. Wiebe	11/08/2015	365210	5901801	17	brownish g	sandy	30	subangular	6			0.38	0.19	0.48	1.6	<0.005	<5	37	0.06
E5151627	R. Wiebe	11/08/2015	365200	5901848	20	gry		60	angular	3			0.28	0.2	1.69	6	<0.005	<5	101	0.53
E5151628	R. Wiebe	11/08/2015	365199	5901901	19	clay red		15	subangular	2			0.36	0.07	0.62	8.1	<0.005	<5	86	0.47
E5151629	R. Wiebe	11/08/2015	365199	5901944	10	brik red		10	subangular	1	moved sample south out of marsh.		0.34	0.04	0.61	53.7	<0.005	<5	91	0.38
E5151630	R. Wiebe	12/08/2015	365199	5900901	15	light grey		45	subround	1.5			0.28	0.81	0.69	5	<0.005	<5	81	0.15
E5151631	R. Wiebe	12/08/2015	365200	5900850	15	reddish brc	sandy		subround	2			0.32	0.73	0.95	5.4	<0.005	<5	46	0.19
E5151632	R. Wiebe	12/08/2015	365204	5900793		brownish g	sandy		subangular	2	moved south of disturbance		0.3	0.73	1.29	8.9	0.015	<5	139	0.26
E5151633	R. Wiebe	12/08/2015	365202	5900749	10	light brown		25	subangular				0.32	0.63	1.09	5.1	0.009	<5	129	0.25
E5151634	R. Wiebe	12/08/2015	365199	5900700	17	light grey	sandy	35	subround	2			0.34	0.31	0.72	10.9	0.011	<5	67	0.14
E5151635	R. Wiebe	12/08/2015	365195	5900650	15	light grey	sandy	35	subround	2			0.36	1.32	0.6	8.1	<0.005	<5	69	0.16
E5151636	R. Wiebe	12/08/2015	365201	5900601	20	dark brown	loam						0.26	3.04	1.07	6.1	0.007	<5	220	0.61
E5151637	R. Wiebe	12/08/2015	365201	5900550	25	dark brown	loam						0.28	1.8	1.4	3.6	<0.005	<5	151	1.1
E5151638	R. Wiebe	12/08/2015	365199	5900498		dark brown	loam						0.2	1.9	1.55	3.3	<0.005	<5	147	0.78
E5151639	R. Wiebe	12/08/2015	365200	5900449	15	grey	silt			1.5			0.34	0.16	0.55	2.5	<0.005	<5	51	0.13
E5151640	R. Wiebe	12/08/2015	365201	5900400	20	light brown		15	subround	1			0.26	0.1	1.27	4.7	<0.005	<5	83	0.31
E5151641	R. Wiebe	12/08/2015	365198	5900350	15	brown	sandy	20	subround				0.32	0.08	0.79	2.5	<0.005	<5	45	0.21
E5151642	R. Wiebe	12/08/2015	365208	5900294	25	light brown	loam	15	subround				0.32	0.02	0.78	2.5	<0.005	<5	74	0.21
E5151643	R. Wiebe	12/08/2015	365197	5900250	22	light brown	sandy		subangular	2.5			0.34	0.04	1.01	4.8	0.015	<5	50	0.21
E5151644	R. Wiebe	12/08/2015	365199	5900202	20	brown	sandy	15	subround				0.44	0.05	0.86	3.8	<0.005	<5	49	0.2
E5151645	R. Wiebe	12/08/2015	365250	5901100	15	light brown	sandy	20		2			0.4	0.24	1.61	7.9	<0.005	<5	64	0.44
E5151646	R. Wiebe	12/08/2015	365250	5901162	10	brownush grey		30	subround	3			0.32	0.16	0.81	2.7	<0.005	<5	61	0.16
E5151647	R. Wiebe	12/08/2015	365250	5901201	8	brownish g	sandy		subangular	8			0.3	0.27	1.28	4	<0.005	<5	103	0.33
E5151648	R. Wiebe	12/08/2015	365250	5901250	18	brown		20	subangular	4			0.34	0.36	1.98	16.1	<0.005	<5	101	0.44
E5151649	I. Webster	13/08/2015	365250	5901350	18	brown	sandy	20	subround	3			0.28	0.5	1.37	17.4	<0.005	<5	92	0.41
E5151650	I. Webster	13/08/2015	365250	5901397	19	light brown	sandy		subround	2			0.34	0.76	1.74	9	<0.005	<5	95	0.54
E5151651	I. Webster	13/08/2015	365248	5901397	19	light brown	sandy		subround	2			0.42	1.04	1.89	11.3	<0.005	<5	76	0.54
E5151652	I. Webster	13/08/2015	365248	5901450	19	brown	sandy	15	subround	2			0.34	1.72	1.83	9.2	<0.005	<5	140	0.65
E5151653	I. Webster	13/08/2015	365238	5901150	20	brown	sandy	0			moved off station to avoid low, organic-ric		0.32	0.69	1.22	4.1	<0.005	<5	129	0.39
E5151654	I. Webster	13/08/2015	365249	5901585	18	brown	sandy				coarse sand		0.32	0.85	2.88	14.2	0.005	<5	319	1.61
E5151655	I. Webster	13/08/2015	365248	5901605	15	greyish bro	sandy	5	subround	3			0.32	0.47	1.3	6.8	<0.005	<5	89	0.35
E5151656	I. Webster	13/08/2015	365248	5901652	13	grey	sandy	30	subround				0.26	0.46	0.96	8.4	<0.005	<5	150	0.29
E5151657	I. Webster	13/08/2015	365250	5901699	8	greyish bro	sandy	60	subangular				0.38	0.44	0.83	13.1	<0.005	<5	148	0.34
E5151658	I. Webster	13/08/2015	365249	5901751	14	brown	sandy	25	subangular	3			0.36	0.24	1.12	27.2	<0.005	<5	87	0.25
E5151659	I. Webster	13/08/2015	365250	5901800	12	grey	sandy	18	subangular	5			0.38	0.14	0.62	5.7	<0.005	<5	73	0.16
E5151812	I. Webster	13/08/2015	365250	5901851	17	light grey	sandy	30	angular	1	Change sample book. Coarse sand.		0.4	0.15	0.63	7.2	<0.005	<5	36	0.38
E5151813	I. Webster	13/08/2015	365250	5901900	19	grey	sandy	10	subround	3			0.36	0.16	0.75	2.5	<0.005	<5	82	0.22
E5151814	I. Webster	13/08/2015	365251	5901939	10	grey	sandy	10	subangular	1	Last sample before boundary.		0.38	0.06	0.47	4.2	<0.005	<5	37	0.13
E5151815	R. Wiebe	13/08/2015	365300	5901930	10	brown	sandy	25		2			0.44	0.13	0.83	10.7	<0.005	<5	82	0.38
E5151816	R. Wiebe	13/08/2015	365303	5901900		light brown	sandy	12	subangular	2			0.36	0.34	1.13	10	<0.005	<5	81	0.28
E5151817	R. Wiebe	13/08/2015	365294	5901848	12	brown		25	subangular				0.36	0.42	1.31	13.4	<0.005	<5	164	0.37
E5151818	R. Wiebe	13/08/2015	365300	5901802	10	light brown		15	subround				0.42	0.21	0.73	13	<0.005	<5	263	0.22
E5151820	R. Wiebe	13/08/2015	365298	5901757	12	light brown		45	subangular	4	E5151819 and E5151821 do not exist.		0.46	0.18	0.56	7.5	<0.005	<5	67	0.27

E5151822	R. Wiebe	13/08/2015	365298	5901701	10	brown	sandy	10		1		0.4	0.24	0.84	10.3	<0.005	<5	43	0.16
E5151823	R. Wiebe	13/08/2015	365302	5901652	22	brown	sandy	15	subround			0.46	0.36	1.64	13.7	<0.005	<5	122	0.48
E5151824	R. Wiebe	13/08/2015	365302	5901601	15	brown	loam	5	subround	2		0.32	0.47	1.24	6.4	<0.005	<5	113	0.37
E5151825	R. Wiebe	13/08/2015	365305	5901553	15	dark brown	sandy					0.32	1.93	2.21	19.5	<0.005	<5	300	0.67
E5151826	R. Wiebe	13/08/2015	365303	5901491	20	brown	sandy	10		2	moved south avoiding esker	0.4	0.78	1.49	15.3	<0.005	<5	79	0.44
E5151827	R. Wiebe	13/08/2015	365301	5901453	18	brown	sandy		subround	2		0.34	1.27	1.91	16.1	<0.005	<5	102	0.62
E5151828	R. Wiebe	13/08/2015	365301	5901396	17	dark brown	sandy	10		1		0.26	0.29	1.8	5.1	0.005	<5	86	0.57
E5151829	R. Wiebe	13/08/2015	365301	5901348	22	light brown	sandy	10	subround			0.26	0.35	1.32	7.9	<0.005	<5	97	0.35
E5151830	R. Wiebe	13/08/2015	365304	5901302	23	brown	sandy	35	subround	4		0.32	0.22	1.73	4.2	<0.005	<5	98	0.4
E5151831	R. Wiebe	13/08/2015	365301	5901246	25	dark brown		10	subround	2		0.42	0.26	1.63	11.4	<0.005	<5	113	0.4
E5151832	R. Wiebe	13/08/2015	365299	5901194	15	brown	sandy	5		2		0.42	0.11	0.9	3.9	<0.005	<5	125	0.27
E5151833	R. Wiebe	14/08/2015	365304	5901150				20		3		0.32	0.15	0.68	3.4	<0.005	<5	58	0.16
E5151834	R. Wiebe	14/08/2015	365303	5901104				10	subround	2		0.3	0.21	0.71	2.9	<0.005	<5	62	0.16
E5151835	R. Wiebe	14/08/2015	365299	5900900								0.42	0.18	0.93	3	<0.005	<5	78	0.27
E5151836	R. Wiebe	14/08/2015	365301	5900850	12	dark brown	loam					0.42	7.48	1.39	33.8	0.014	<5	223	1.14
E5151837	R. Wiebe	14/08/2015	365301	5900801	15	brown	sandy	15	subround	1		0.4	2.28	1.8	10.7	0.011	<5	264	0.54
E5151838	R. Wiebe	14/08/2015	365299	5900751	15	dark brown	sandy					0.22	2.19	1.73	10.6	0.006	<5	243	0.61
E5151839	R. Wiebe	14/08/2015	365301	5900701	17	dark brown	loam	10	subround			0.26	2.79	1.69	11.8	0.013	<5	187	0.94
E5151840	R. Wiebe	14/08/2015	365300	5900650	22	light brown	sandy	5		2		0.54	0.39	1.25	4.5	<0.005	<5	59	0.27
E5151841	R. Wiebe	14/08/2015	365300	5900600	12	dark brown	loam	20		3		0.32	0.7	1.51	4.9	<0.005	<5	117	0.63
E5151842	R. Wiebe	14/08/2015	365299	5900550	15	light brown	sandy					0.44	0.17	1.46	5.3	<0.005	<5	68	0.29
E5151843	R. Wiebe	14/08/2015	365300	5900501	20	brown	sandy	20		1		0.32	0.25	1.51	5.2	<0.005	<5	101	0.32
E5151844	R. Wiebe	14/08/2015	365302	5900450	12	brown	sandy	10	subangular			0.4	0.23	1.15	4.5	<0.005	<5	101	0.33
E5151845	R. Wiebe	14/08/2015	365299	5900402	14	light brown	sandy	20		1		0.46	0.09	1.52	4.3	<0.005	<5	69	0.34
E5151846	R. Wiebe	14/08/2015	365351	5900400	18	light brown	sandy	10	subround	8		0.4	0.06	1.25	4.7	<0.005	<5	75	0.4
E5151847	R. Wiebe	14/08/2015	365357	5900383	25	light brown	sandy					0.38	0.05	1.38	5	<0.005	<5	98	0.37
E5151665	I. Webster	13/08/2015	365350	5901939	15	light brown	sandy	10	subround	1	northern most sample on 350 line	0.3	0.21	1.5	9.2	<0.005	<5	61	0.36
E5151666	I. Webster	13/08/2015	365350	5901900	15	brown	sandy	15	subround	1		0.36	0.15	2.28	10.9	<0.005	<5	279	0.29
E5151667	I. Webster	13/08/2015	365351	5901851	15	brown	sandy	15	subround	1		0.34	0.35	0.86	4	<0.005	<5	56	0.16
E5151668	I. Webster	13/08/2015	365349	5901800	17	light brown	sandy	45	subangular	2	may be overlaying unit seen to east	0.26	0.11	0.39	5.5	<0.005	<5	54	0.13
E5151669	I. Webster	13/08/2015	365350	5901750	15	light grey	sandy	45	subangular	3		0.36	0.22	0.72	3	<0.005	6	51	0.11
E5151670	I. Webster	13/08/2015	365350	5901699	12	grey	sandy	55	angular	5		0.18	0.15	0.91	11.5	<0.005	<5	73	0.18
E5151671	I. Webster	13/08/2015	365349	5901650	20	light brown	sandy	20	subround	2		0.32	0.29	1.47	13.9	0.006	<5	80	0.39
E5151672	I. Webster	13/08/2015	365349	5901601	22	grey	sandy	20	subangular	3		0.32	0.23	1.08	6.7	<0.005	<5	59	0.3
E5151673	I. Webster	13/08/2015	365349	5901549	21	brown	sandy	20	subround	8		0.3	2.02	2.26	13.8	<0.005	<5	273	0.75
E5151674	I. Webster	13/08/2015	365350	5901499	15	brown	sandy	12	subround	5		0.22	0.56	1.65	13.8	0.007	<5	74	0.44
E5151675	I. Webster	13/08/2015	365349	5901449	17	brown	sandy	15	subangular	4		0.26	0.23	0.98	3.5	<0.005	<5	62	0.21
E5151676	I. Webster	13/08/2015	365349	5901399	9	brown	sandy	15	subround	5		0.24	0.63	1.86	4.7	<0.005	<5	70	0.42
E5151677	I. Webster	13/08/2015	365351	5901349	9	brown	sandy	15	subround	5		0.26	0.19	1.04	2.3	<0.005	<5	55	0.19
E5151678	I. Webster	13/08/2015	365348	5901300	24	brown	sandy	12	subround	6		0.3	0.33	1.76	16.7	<0.005	<5	70	0.6
E5151679	I. Webster	13/08/2015	365350	5901250	16	greyish bro	sandy	18	subangular	2		0.28	0.55	2.05	8.5	<0.005	<5	72	0.46
E5151680	I. Webster	13/08/2015	365357	5901191	14	brown	sandy	20	subround	4		0.28	0.26	2.08	10	<0.005	<5	49	0.46
E5151681	I. Webster	14/08/2015	365251	5900901	21	brown	sandy	15	subround	4		0.34	1.48	1.09	12.9	0.109	<5	215	0.54
E5151682	I. Webster	14/08/2015	365248	5900855	9	brown	sandy	25	subround	2		0.28	5.21	1.32	8.9	0.006	<5	402	0.71
E5151683	I. Webster	14/08/2015	365251	5900800	24	brown	sandy	12	subround	6		0.22	3.28	1.45	5.7	0.01	<5	154	0.5
E5151684	I. Webster	14/08/2015	365251	5900749	16	brown	sandy	10	subround	10		0.26	5.75	2.99	10.4	0.036	<5	324	1.03
E5151685	I. Webster	14/08/2015	365251	5900699	22	grey		17	subround	5		0.42	0.97	1.09	5.8	<0.005	<5	79	0.27
E5151686	I. Webster	14/08/2015	365252	5900651	26	greyish bro	sandy	20	subround	3		0.36	0.18	1.27	3.8	0.016	<5	72	0.3
E5151687	I. Webster	14/08/2015	365250	5900601	18	brown	sandy	20	subangular	3		0.38	0.12	2.09	4.3	<0.005	<5	106	0.5
E5151688	I. Webster	14/08/2015	365251	5900556	10	brown	sandy	10	subround	2	moved north off road	0.24	0.09	1.31	2.7	<0.005	<5	58	0.29
E5151689	I. Webster	14/08/2015	365250	5900491	17	grey	sandy	15	subround	10		0.32	0.21	1.44	10.1	<0.005	<5	173	0.3
E5151690	I. Webster	14/08/2015	365250	5900450	6	grey	sandy	18	subangular	4		0.44	0.35	0.79	2.6	<0.005	<5	167	0.2
E5151691	I. Webster	14/08/2015	365250	5900400	11	brown	sandy	18	subround	6		0.42	0.1	1.49	5.5	<0.005	<5	69	0.36
E5151692	I. Webster	14/08/2015	365250	5900349	6	grey	sandy	15	subround	3	end of line	0.26	0.03	0.94	2.2	<0.005	<5	68	0.18
E5151693	I. Webster	14/08/2015	365351	5901150	23	brown	sandy	30	subround	4		0.26	0.21	1.55	6	<0.005	<5	132	0.52
E5151694	I. Webster	14/08/2015	365349	5901100	13	grey	sandy	35	subround	1		0.26	0.28	0.95	2	<0.005	<5	75	0.26
E5151695	I. Webster	14/08/2015	365351	5900886							moved south of road	0.2	1.1	1.72	9.8	0.007	<5	197	0.66
E5151696	I. Webster	14/08/2015	365350	5900850	24	greyish bro	sandy	60	subangular	11		0.2	1.91	1.4	5.1	0.077	<5	160	0.47
E5151697	I. Webster	14/08/2015	365351	5900800	16	greyish bro	sandy	22	subangular	5		0.32	1.68	1.17	7.8	<0.005	<5	129	0.33
E5151698	I. Webster	14/08/2015	365349	5900750	11	brown	sandy	12	subround	2		0.22	0.63	1.35	4	<0.005	<5	89	0.38

E5151699	I. Webster	14/08/2015	365351	5900700	21	brown	sandy	30	subround	14		0.22	0.29	1.46	3.5	<0.005	<5	139	0.39
E5151700	I. Webster	14/08/2015	365350	5900650	14	brown	sandy	8	subround	3		0.3	0.19	1.26	1.7	<0.005	<5	62	0.27
E5151701	I. Webster	14/08/2015	365350	5900601	17	brown	sandy	7	subround	5		0.18	0.45	1.32	3.4	<0.005	<5	112	0.35
E5151702	I. Webster	14/08/2015	365350	5900551	8	grey	sandy	45	angular	9		0.36	0.22	1.26	6.3	<0.005	<5	174	0.35
E5151703	I. Webster	14/08/2015	365350	5900500	13	grey	sandy	30	subangular	5		0.3	0.14	1.23	3.6	<0.005	<5	102	0.2
E5151704	I. Webster	14/08/2015	365350	5900426	17	greyish bro	sandy	40	subangular	7	moved point south of swamp	0.28	0.06	1.52	2.9	<0.005	<5	113	0.39

Sample Number	Bi ppm 0.01	Ca % 0.01	Cd ppm 0.01	Ce ppm 0.01	Co ppm 0.1	Cr ppm 0.5	Cs ppm 0.05	Cu ppm 0.1	Fe % 0.01	Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.02	Hg ppm 0.01	In ppm 0.005	K % 0.01	La ppm 0.1	Li ppm 0.1	Mg % 0.01	Mn ppm 1	Mo ppm 0.05	Na % 0.01	Nb ppm 0.05
E5151613	0.18	0.16	0.18	6.03	2.8	7.9	0.7	4	0.94	3.18	0.07	<0.02	0.02	0.007	0.04	4	2.1	0.13	120	0.7	<0.01	1.01
E5151614	0.09	0.12	0.12	11.1	8.9	22.6	2.74	13.8	2.37	3.93	0.07	0.04	0.03	0.017	0.03	5.2	6.6	0.37	189	0.7	<0.01	1.51
E5151615	0.16	0.09	0.19	6.06	8.2	22	3.37	10	3.04	6.17	0.06	0.03	0.03	0.021	0.03	4	7	0.24	178	1.01	<0.01	1.55
E5151616	0.14	0.11	0.18	10.9	8	25.8	2.51	19.9	2.55	4.39	0.07	0.07	0.04	0.019	0.03	4.7	5.6	0.46	282	4.28	<0.01	1.13
E5151617	0.12	0.11	0.24	9.7	9.3	20.8	2.41	14	2.74	5.3	0.07	0.09	0.03	0.021	0.03	5.3	8.1	0.37	216	0.85	<0.01	1.93
E5151618	0.12	0.11	0.41	8.59	8.7	14.7	3.62	11.1	2.23	5.09	0.05	0.05	0.03	0.021	0.03	5.2	6.3	0.25	359	0.89	<0.01	1.97
E5151619	0.2	0.11	0.59	8.29	9.5	20.9	4.02	12.5	2.94	5.37	0.06	0.04	0.07	0.026	0.03	5.4	7	0.27	330	1.4	<0.01	1.66
E5151620	0.24	0.08	0.34	6.88	6.9	17.9	2.31	7	2.38	4.95	0.06	0.04	0.04	0.017	0.03	4.4	8	0.2	212	1.15	<0.01	1.64
E5151621	0.24	0.34	0.64	9.39	7.7	17.7	1.79	12.7	2.26	4.99	<0.05	0.03	0.05	0.019	0.03	6	6.9	0.26	235	1.23	<0.01	2.11
E5151622	0.25	0.11	0.37	5.28	5.9	15.2	1.63	5.9	2.55	5.52	0.06	<0.02	0.03	0.017	0.04	3.5	6.8	0.24	181	1.14	<0.01	2
E5151623	0.12	0.13	0.66	6.14	17.6	10	2.1	22.6	5.63	1.78	0.08	0.02	0.03	0.037	0.04	2.6	7.4	0.15	549	24.2	<0.01	0.58
E5151624	0.11	0.11	0.3	7.73	5.5	13.6	3.65	9.1	2.32	4.38	0.06	<0.02	0.04	0.016	0.04	5.1	8.6	0.17	310	2.4	<0.01	1.54
E5151625	0.11	0.29	0.25	7.35	8.3	11.8	4.19	10.1	1.32	2.11	<0.05	<0.02	0.05	0.013	0.07	3.9	6.4	0.22	1110	3.74	<0.01	0.66
E5151626	0.09	0.03	0.25	3.43	1.8	7.9	0.49	4.4	0.83	1.61	<0.05	<0.02	0.02	0.005	0.02	1.8	1.7	0.01	263	4.69	<0.01	0.4
E5151627	0.13	0.1	0.18	11.4	6.6	11.4	3.52	6.5	2.88	3.74	0.06	0.04	0.04	0.033	0.02	5.1	8.3	0.25	210	0.96	<0.01	1.03
E5151628	0.13	0.18	0.1	21.1	6.5	10.7	5.47	3.6	3.38	1.38	0.08	0.02	0.02	0.03	0.04	9.1	3.7	0.18	488	0.59	<0.01	0.39
E5151629	0.07	0.09	0.11	10.2	3	7.1	5.84	1.4	2.59	1.01	0.06	<0.02	0.02	0.046	0.04	5.7	2.9	0.05	313	0.82	<0.01	0.23
E5151630	0.43	0.24	1.34	5.14	4.5	12.9	1.58	7.6	1.84	3.97	<0.05	<0.02	0.03	0.032	0.06	3.4	6.1	0.16	273	1.04	<0.01	1.72
E5151631	0.18	0.19	0.83	6.42	6	16.2	1.06	6.7	2.54	4.29	0.05	0.02	0.02	0.015	0.04	3.2	5.8	0.24	191	0.75	<0.01	1.79
E5151632	2.36	0.49	0.86	5.39	8.3	18.6	1.02	12.8	2.57	4.73	<0.05	0.03	0.04	0.036	0.05	3.5	7.4	0.47	536	1.37	<0.01	1.12
E5151633	1.03	0.38	1.12	7.97	8.1	16.2	0.94	23.6	2.45	4.01	<0.05	0.02	0.04	0.018	0.12	4.6	5.6	0.41	1740	1.4	<0.01	1.11
E5151634	0.77	0.12	3.55	5.23	6.2	12.7	1.19	12	1.96	3.56	<0.05	<0.02	0.02	0.015	0.06	3.3	5.4	0.27	347	1.24	<0.01	1.15
E5151635	1.89	0.17	1.67	4.87	3.5	9.5	0.98	10.1	1.49	3.02	<0.05	<0.02	0.02	0.013	0.03	3.5	3.3	0.15	94	1	<0.01	1.17
E5151636	0.21	2.38	5.04	10.2	8.1	11.3	1.19	158	1.6	2.65	0.1	0.08	0.09	0.015	0.03	16.2	4.8	0.31	1230	1.1	0.02	1.04
E5151637	0.14	1.42	1.97	20.3	14	17.1	1.08	149	2.26	4.36	0.05	0.08	0.05	0.023	0.03	18	3.9	0.24	863	0.66	0.02	2.31
E5151638	0.1	2.28	1.94	19.7	10	18.8	0.73	92.1	1.8	3.26	0.08	0.07	0.1	0.017	0.02	18.9	4.7	0.33	2510	2.5	0.01	1.16
E5151639	0.18	0.09	0.14	6.99	4.9	13.4	1.11	5.4	1.56	3.02	0.05	<0.02	<0.01	0.008	0.04	4.7	3.8	0.21	124	0.54	<0.01	1.45
E5151640	0.08	0.19	0.15	6.5	8	16.3	1.14	9.6	2.39	4.74	<0.05	0.06	0.02	0.015	0.03	3.7	7.3	0.34	348	0.69	<0.01	1.95
E5151641	0.1	0.24	0.09	5.82	4.1	10.3	0.72	3.5	1.9	4.15	<0.05	0.05	0.02	0.013	0.03	2.9	4.1	0.14	118	0.44	<0.01	1.86
E5151642	0.07	0.28	0.08	5.84	7	13.1	0.53	7	1.96	3.32	<0.05	0.12	0.01	0.013	0.04	3.3	3.6	0.24	305	0.4	<0.01	1.67
E5151643	0.07	0.24	0.09	5.86	7.7	15.6	0.96	9.5	2.25	3.7	<0.05	0.09	0.01	0.013	0.05	3.5	4.9	0.33	258	0.48	<0.01	1.51
E5151644	0.07	0.2	0.04	6.7	7.3	14.8	0.82	7.6	2.23	3.2	<0.05	0.07	0.01	0.011	0.04	3.9	4.4	0.3	211	0.47	<0.01	1.12
E5151645	0.15	0.18	0.3	5.74	5.6	15	1.16	4.4	2.79	5.31	<0.05	0.08	0.04	0.023	0.02	3.7	6.6	0.18	131	1.14	<0.01	2.81
E5151646	0.11	0.11	0.1	7.07	4.6	9.8	1.67	4.8	1.57	3.45	<0.05	0.03	0.02	0.011	0.03	4.4	4.8	0.18	162	0.61	<0.01	1.41
E5151647	0.18	0.34	0.13	8.93	9.8	15.3	2.01	8.6	1.66	4.29	<0.05	0.02	0.03	0.015	0.03	5.1	6.4	0.42	790	0.89	<0.01	1.25
E5151648	0.2	0.1	0.2	5.69	9.1	20.2	2.41	12.2	3.54	6.55	0.05	0.04	0.03	0.027	0.03	3.6	9	0.28	204	1.42	<0.01	1.75
E5151649	0.14	0.11	0.28	8.98	9.7	20.5	2.67	19.9	2.5	3.43	0.05	0.08	0.04	0.053	0.03	5	6.3	0.34	264	1.03	<0.01	1.22
E5151650	0.12	0.08	0.3	9.93	8.3	17.4	3.03	13.6	2.49	4.49	0.05	0.07	0.05	0.021	0.03	5.4	7.3	0.27	226	0.88	<0.01	1.52
E5151651	0.15	0.08	0.53	8.51	9.4	19.3	2.4	13.6	2.51	4.13	<0.05	0.07	0.05	0.023	0.03	4.9	8.7	0.33	276	0.99	<0.01	1.41
E5151652	0.13	0.1	0.7	10	8.9	18	3.33	20	2.4	3.86	<0.05	0.07	0.06	0.021	0.03	5.5	6.5	0.36	211	0.85	<0.01	1.41
E5151653	0.27	0.62	0.57	12.1	7.8	20.1	1.25	22.6	1.49	3.31	<0.05	0.07	0.07	0.015	0.03	7.5	6.5	0.4	266	1.86	0.01	0.85
E5151654	0.35	0.55	3.49	51	14.4	34.1	3.37	55.2	3.67	7.75	0.08	0.17	0.1	0.045	0.08	32	9	0.71	3770	2.97	0.01	1.5
E5151655	0.18	0.19	0.42	6.65	9.4	18.3	1.88	9.6	2.46	4.42	<0.05	<0.02	0.02	0.019	0.03	4.5	7.5	0.34	268	0.94	<0.01	1.38
E5151656	0.13	0.33	0.39	9.14	8.9	16	2.57	12.6	2.01	3.35	<0.05	0.03	0.02	0.017	0.03	7	8.1	0.37	475	1.48	<0.01	1.39
E5151657	0.1	0.32	0.45	10.1	9.9	15.8	3.42	12.4	2.75	2.93	<0.05	0.02	0.03	0.025	0.06	5.3	7.3	0.25	963	2.37	<0.01	1.21
E5151658	0.11	0.1	0.31	5.51	6.3	17.4	2.01	10.1	2.34	4.29	<0.05	<0.02	0.04	0.026	0.03	3.5	7.9	0.19	202	2.74	<0.01	1.26
E5151659	0.1	0.09	0.23	5.77	4.5	10.2	1.13	6.8	1.91	2.8	0.05	<0.02	0.01	0.014	0.03	3.6	5	0.14	150	1.56	<0.01	0.86
E5151812	0.05	0.03	0.17	2.56	4.3	12	1.58	20.7	2.29	1.22	0.06	0.02	0.02	0.022	0.05	1.4	5.7	0.04	243	4.81	<0.01	0.28
E5151813	0.06	0.05	0.1	5.77	2.7	9.6	0.96	7.6	1.85	1.5	0.06	0.02	0.02	0.014	0.04	3.6	6.9	0.08	217	0.66	<0.01	0.41
E5151814	0.08	0.04	0.08	7.74	2.8	8.3	0.53	7.4	2.45	1.6	0.07	0.03	0.02	0.012	0.04	4.8	2.6	0.07	98	0.72	<0.01	0.55
E5151815	0.05	0.04	0.2	5.92	3.4	7.2	3.32	30.3	2.34	1.44	0.06	<0.02	0.03	0.021	0.03	3.8	8.7	0.1	162	8.86	<0.01	0.31
E5151816	0.14	0.07	0.37	6.23	5.7	11.4	2.35	11	1.95	2.89	<0.05	0.03	0.04	0.014	0.03	3.1	8.7	0.16	388	2.36	<0.01	0.76
E5151817	0.12	0.08	0.68	5.33	7.5	18.3	3.22	14.9	2.32	3.38	0.05	0.02	0.04	0.018	0.03	3.3	9	0.16	302	7.84	<0.01	0.99
E5151818	0.11	0.21	0.3	6.2	6.8	12.8	1.32	11.2	2.51	3.31	0.05	<0.02	0.02	0.021	0.05	4	7.2	0.22	212	2.47	<0.01	0.98
E5151820	0.07	0.18	0.13	9.51	4.1	7	2.03	5.1	2.27	1.52	0.06	<0.02	0.03	0.018	0.05	4.7	2.9	0.05	128	1.73	<0.01	0.36

E5151822	0.12	0.09	0.21	5.79	3.9	9.6	0.86	4.4	2.45	5.21	<0.05	0.03	0.03	0.017	0.03	3.7	7.5	0.2	252	2.38	<0.01	1.23
E5151823	0.17	0.22	0.33	7.02	9.9	21	3.17	15.4	2.94	4.57	0.05	0.03	0.03	0.025	0.05	4.2	7.2	0.36	451	2.12	<0.01	1.42
E5151824	0.24	0.25	0.5	9.6	9	18.6	1.8	10.6	2.36	3.94	<0.05	0.03	0.03	0.018	0.06	5.2	8.4	0.39	347	0.94	<0.01	1.65
E5151825	0.48	0.35	2.4	15.1	12.4	26.9	3.71	18.6	5.76	7.28	0.07	0.09	0.07	0.036	0.05	5.5	9.5	0.43	4670	3.57	<0.01	3.04
E5151826	0.27	0.09	0.41	8.84	9.5	18.6	3.1	14.9	2.52	3.98	0.06	0.08	0.04	0.023	0.03	5.2	8.1	0.28	280	1.43	<0.01	1.3
E5151827	0.32	0.09	0.56	12.3	9.4	21.1	2.78	21.6	2.85	4.63	0.06	0.06	0.06	0.026	0.03	5.3	7.1	0.35	285	1.57	<0.01	1.45
E5151828	0.11	0.09	0.27	8.47	8.7	16.2	3.18	10.5	2.46	4.59	0.05	0.18	0.05	0.022	0.03	4.5	8.1	0.27	487	0.83	<0.01	2.13
E5151829	0.12	0.12	0.27	7.98	8.8	17.4	3.69	13.2	2.47	4.12	0.06	0.07	0.03	0.019	0.03	4.5	8.1	0.27	442	0.89	<0.01	1.54
E5151830	0.08	0.12	0.16	8	8.7	29.2	3.12	19.9	2.7	4.71	0.06	0.13	0.03	0.018	0.03	4.5	7.3	0.49	321	0.52	<0.01	1.62
E5151831	0.15	0.12	0.11	8.05	7.9	19.8	1.89	14.6	2.74	4.75	0.06	0.07	0.04	0.021	0.03	4.6	7.3	0.32	180	0.96	<0.01	1.26
E5151832	0.18	0.26	0.07	11.3	5.6	14.9	1.92	9.5	1.47	3.08	<0.05	0.03	0.01	0.014	0.03	6.4	8	0.36	179	0.56	0.01	0.88
E5151833	0.15	0.21	0.18	6.87	3.8	9.8	0.74	4.5	1.45	4.59	0.05	0.02	0.02	0.009	0.03	4.9	6.7	0.15	219	0.8	<0.01	1.5
E5151834	0.13	0.17	0.18	6.09	4.4	12.2	1.39	4.6	1.82	4.46	0.05	0.03	0.02	0.011	0.04	3.8	5.6	0.13	150	0.82	<0.01	1.87
E5151835	0.23	0.22	0.25	7.91	6.5	14.9	1.26	7.8	1.94	3.52	0.05	0.02	<0.01	0.014	0.03	5.1	6.7	0.33	228	0.45	<0.01	1.52
E5151836	2.08	0.8	6.55	11.4	11	24	3.71	80.5	3.8	3.11	0.1	0.19	0.11	0.059	0.08	26.9	4.2	0.25	1930	1.78	<0.01	1.31
E5151837	0.94	0.54	1.56	10.6	11	20.3	2.05	26.7	3.17	5.41	<0.05	0.06	0.04	0.032	0.06	6.6	9.3	0.49	503	1.15	0.01	1.71
E5151838	0.76	0.91	2.2	14.4	10.3	21.3	1.09	39.8	2.95	5.06	<0.05	0.09	0.06	0.031	0.05	12.7	8.9	0.42	387	1.5	<0.01	1.44
E5151839	0.44	1.28	7.09	22	10.1	23.8	1.6	155	2.89	5.17	0.08	0.19	0.07	0.03	0.05	21.3	7.5	0.52	1760	1.14	0.03	1.9
E5151840	0.12	0.2	0.17	5.55	9.3	21.3	1.27	11.4	2.48	4.71	0.06	0.03	0.01	0.015	0.04	3.4	8.2	0.41	226	0.71	<0.01	1.74
E5151841	0.11	1.01	0.38	20.9	9.1	24.4	0.87	96.1	2.37	3.84	<0.05	0.07	0.06	0.017	0.02	13.3	7.1	0.34	274	0.62	0.02	2.04
E5151842	0.09	0.27	0.08	7.23	9.1	22.9	1.05	17.9	2.67	4.41	0.05	0.04	0.02	0.017	0.04	4.1	7.8	0.48	281	0.74	0.01	1.64
E5151843	0.1	0.29	0.29	9.3	9.9	23.6	1	20.2	2.79	4.95	0.05	0.05	0.06	0.017	0.03	4.5	9	0.4	232	0.77	0.01	1.81
E5151844	0.12	0.25	0.17	7.43	8.1	19	1.39	9.4	2.39	3.78	<0.05	0.04	0.01	0.017	0.03	4.2	8.2	0.4	238	0.72	<0.01	1.69
E5151845	0.08	0.34	0.09	7.73	9.1	17.4	1.14	8.4	2.73	4.44	0.05	0.09	0.02	0.015	0.03	4	7.5	0.48	312	0.54	0.01	1.88
E5151846	0.08	0.14	0.06	14.5	7.7	16.3	0.78	9.5	2.35	3.91	0.07	0.09	0.01	0.015	0.03	5.6	5.6	0.29	221	0.57	<0.01	1.53
E5151847	0.1	0.19	0.06	8.71	8.1	16.8	0.83	11.6	2.39	4.25	0.06	0.09	0.02	0.017	0.05	5.3	6	0.33	220	0.57	<0.01	1.7
E5151665	0.13	0.08	0.25	6.39	7.2	16.6	1.87	12.2	2.69	3.8	0.06	0.05	0.06	0.021	0.03	3.9	10.6	0.25	196	1.43	<0.01	1.28
E5151666	0.09	0.92	0.22	4.67	4.1	25.5	2.17	23.2	3.3	2.69	0.07	0.03	0.03	0.019	0.06	2.5	11.3	0.46	3730	1.78	0.02	0.52
E5151667	0.13	0.11	0.32	5.96	3.7	12.2	1.54	3.7	1.83	3.55	0.06	<0.02	0.02	0.012	0.03	3.8	7.5	0.14	169	1.08	<0.01	0.97
E5151668	0.1	0.17	0.12	5.75	2.3	6.7	2.05	3.2	2.93	1.83	0.07	<0.02	0.01	0.017	0.05	3.6	1.4	0.03	158	2.12	<0.01	0.71
E5151669	0.1	0.06	0.13	5.65	2.1	8.3	1.2	3	1.64	3.11	0.07	<0.02	0.02	0.009	0.03	3.6	8.8	0.08	148	4.31	<0.01	0.76
E5151670	0.08	0.14	0.28	5.48	5.5	12.8	1.95	7.7	2.28	4.23	0.05	0.03	0.05	0.017	0.06	3.5	9.7	0.24	380	2.14	<0.01	0.99
E5151671	0.34	0.18	0.33	6.94	8.6	17.3	1.85	12.9	2.81	4.66	0.06	<0.02	0.03	0.025	0.05	4.2	10.2	0.33	235	1.32	<0.01	1.39
E5151672	0.15	0.21	0.28	7.66	7.6	16.5	1.72	9.1	2.35	3.66	0.07	<0.02	0.02	0.017	0.04	4.7	7	0.3	215	0.74	<0.01	1.2
E5151673	0.41	0.91	3.31	19.1	10.3	24.4	2.6	22.5	3.27	6.23	0.06	0.06	0.1	0.03	0.06	15.9	15.7	0.45	3700	2.48	0.02	2.22
E5151674	0.34	0.1	0.4	7.89	10	19	2.41	19.5	2.8	4.87	0.07	0.06	0.05	0.028	0.04	4.9	8.9	0.38	377	1.37	<0.01	1.49
E5151675	0.16	0.1	0.22	5.64	4.1	11.2	1.36	4.1	1.75	3.73	0.06	<0.02	0.02	0.013	0.03	3.5	8.7	0.13	601	0.57	<0.01	1.29
E5151676	0.13	0.11	0.16	7.35	8.5	21.5	3.14	12.9	2.53	5.93	0.07	0.14	0.06	0.024	0.03	4.3	10	0.32	257	0.69	<0.01	2.8
E5151677	0.15	0.09	0.08	6.11	3.7	12.7	1.22	6.1	1.58	5.52	0.07	0.05	0.04	0.014	0.02	3.9	6.5	0.19	215	0.63	<0.01	2.16
E5151678	0.14	0.11	0.13	7.9	11.2	19.7	3.14	18.4	2.73	4.01	0.07	0.11	0.06	0.026	0.04	4.7	9.8	0.35	253	1.17	<0.01	1.69
E5151679	0.15	0.09	0.24	7.1	7.4	26.6	2.26	11.4	3.35	6.84	0.07	0.02	0.04	0.024	0.03	4.3	10.2	0.22	202	0.99	<0.01	1.68
E5151680	0.3	0.1	0.21	5.8	9	19.3	1.44	10.4	2.97	4.51	0.08	0.09	0.03	0.025	0.03	3.5	8	0.3	179	1.41	<0.01	1.82
E5151681	0.79	0.51	1.76	7.76	8.4	16.5	2.57	24.6	2.76	2.99	0.09	0.06	0.06	0.029	0.08	12.1	6.9	0.22	652	1.25	<0.01	1.28
E5151682	1.16	0.74	10.7	15.8	10.7	22.7	2.75	68.5	2.85	3.71	0.08	0.05	0.08	0.042	0.07	14.8	5.5	0.29	3120	1.35	<0.01	1.59
E5151683	0.84	1.46	2.34	15.5	10.9	16.6	1.07	32.2	2.35	4.06	0.07	0.09	0.08	0.033	0.05	10.5	8.3	0.41	1330	0.85	0.01	1.75
E5151684	1.57	0.99	7.09	27.8	8.6	30.4	2.02	117	4.47	5.95	0.11	0.23	0.12	0.05	0.08	31.2	8.1	0.6	2550	1.79	0.01	2.4
E5151685	0.38	0.27	1.99	8.43	9.5	17.9	1.28	10.3	2.33	4.1	0.06	0.02	0.03	0.022	0.04	4.7	5.6	0.28	936	1.32	<0.01	1.46
E5151686	0.13	0.19	0.12	6.72	8.3	17.6	1.07	11.3	2.34	3.97	0.06	0.05	0.02	0.016	0.04	4.1	6.7	0.34	230	0.66	<0.01	1.72
E5151687	0.12	0.23	0.1	8.65	12.4	24.2	1.5	20.4	3.2	5.76	0.06	0.04	0.03	0.025	0.03	5	10.4	0.38	206	0.63	<0.01	2.27
E5151688	0.1	0.27	0.15	7.16	7.7	22.9	0.83	10	2.48	5.33	0.06	0.03	0.02	0.018	0.03	3.5	9.5	0.24	123	0.63	<0.01	2.62
E5151689	0.12	0.6	0.35	7.66	9.1	26.6	1.08	17.8	2.24	4.69	<0.05	0.03	0.03	0.025	0.02	4.7	8.6	0.38	298	0.91	<0.01	0.96
E5151690	0.15	0.23	0.27	7.33	6.6	16.1	1.41	6.8	2	3.24	0.06	<0.02	0.02	0.012	0.06	4.7	8.1	0.27	277	0.68	<0.01	1.07
E5151691	0.09	0.14	0.13	6.13	9.4	17.8	0.93	6.6	2.96	5.13	0.08	0.08	0.02	0.021	0.03	3.8	7.9	0.3	325	0.76	<0.01	2.13
E5151692	0.1	0.31	0.07	7.35	5.7	14.5	0.74	3.2	1.92	3.75	0.06	0.06	0.01	0.013	0.03	3.5	7.9	0.26	216	0.41	<0.01	1.74
E5151693	0.18	0.35	0.2	9.35	11.7	14.8	2.76	8.7	2.44	5.81	0.05	<0.02	0.03	0.02	0.04	6.1	9.8	0.4	426	1.21	<0.01	2.3
E5151694	0.12	0.19	0.12	8.15	6.2	13.2	0.98	6.1	1.72	3.64	0.05	0.03	0.02	0.013	0.03	5.3	6.7	0.26	298	0.61	<0.01	1.29
E5151695	0.88	0.58	0.82	12.9	12.2	23.6	3.23	29.7	3.45	4.81	0.08	0.09	0.06	0.036	0.07	11.8	10.4	0.54	990	1.31	<0.01	1.52
E5151696	0.59	0.8	2.24	10.5	11.4	20.4	2.25	24.8	2.49	4.49	0.07	0.08	0.07	0.024	0.07	12.8	8.8	0.44	860	1.14	<0.01	1.77
E5151697	0.67	0.38	1.47	10	7.5	19.1	1.28	13.8	2.42	3.79	0.06	0.03	0.03	0.022	0.05	5.9	6.4	0.36	629	0.76	<0.01	1.18
E5151698	0.27	0.39	0.37	9.03	7.5	16.1	1.04	10.6	2.32	4.43	0.06	0.02	0.03	0.017	0.04	6.6	6.9	0.33	418	0.54	0.01	1.65

E5151699	0.14	0.61	0.32	11	10.2	18.5	0.83	17.2	2.38	4.56	0.05	0.06	0.03	0.018	0.03	6.5	9.8	0.47	523	0.52	0.02	1.89
E5151700	0.1	0.23	0.26	6.19	10.2	24.9	1.11	11.2	2.43	4.55	0.06	0.05	0.02	0.015	0.03	3.7	8.2	0.49	262	0.38	<0.01	1.59
E5151701	0.1	0.99	0.35	15.7	8	21	0.91	28	1.87	3.78	0.06	0.06	0.06	0.017	0.04	10.8	7.6	0.47	286	0.5	0.02	1.53
E5151702	0.12	0.23	0.13	8.02	9	23.4	1.42	17.6	2.73	3.91	0.07	0.02	0.02	0.017	0.03	4.6	8	0.47	220	0.98	<0.01	1.28
E5151703	0.1	0.42	0.11	6.42	7.9	18.5	0.99	12.1	2.39	3.74	0.06	0.06	0.01	0.014	0.04	4.2	9.1	0.46	240	0.51	0.03	1.35
E5151704	0.09	0.39	0.29	8.46	8.7	15.6	1.13	6.9	2.71	4.76	0.07	0.07	0.03	0.021	0.05	4.8	6.2	0.27	260	0.43	<0.01	2.5

Sample Number	Ni ppm 0.2	P ppm 10	Pb ppm 0.1	Rb ppm 0.1	Re ppm 0.001	S % 0.005	Sb ppm 0.05	Sc ppm 0.1	Se ppm 0.2	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.01	Te ppm 0.01	Th ppm 0.1	Ti % 0.005	Tl ppm 0.01	U ppm 0.05	V ppm 0.5	W ppm 0.05	Y ppm 0.05	Zn ppm 0.5	Zr ppm 0.5
E5151613	4	189	12.3	5.3	<0.001	0.012	0.22	1.2	<0.2	0.3	13.6	<0.01	0.01	0.6	0.055	0.04	0.2	29.1	0.37	1.68	38.8	0.5
E5151614	13.3	677	8.4	5.5	<0.001	0.01	0.37	3.6	<0.2	0.3	16.6	<0.01	0.02	1.5	0.074	0.05	0.38	64.2	0.26	3.46	39.7	1.9
E5151615	9.5	1240	15.9	7.4	<0.001	0.013	0.42	3	<0.2	0.4	12.4	<0.01	0.03	1	0.042	0.06	0.27	83.6	0.29	2.03	68.3	1.8
E5151616	13.6	856	16	6.7	<0.001	0.009	0.4	4	0.2	0.3	12.8	<0.01	0.03	2.5	0.068	0.07	0.44	70.2	0.25	3.85	61.7	4.4
E5151617	12.3	1280	16.2	6.2	<0.001	0.013	0.37	3.8	0.2	0.3	14.1	<0.01	0.03	1.5	0.074	0.06	0.35	71.6	0.23	3.98	82.8	5.2
E5151618	9.3	1170	20.5	7.1	<0.001	0.015	0.36	2.8	<0.2	0.4	10.9	<0.01	0.03	1.4	0.042	0.08	0.36	53.6	0.27	2.43	140	3.4
E5151619	12	1640	38.6	8	<0.001	0.018	0.48	2.6	<0.2	0.3	12.3	<0.01	0.05	1.4	0.019	0.13	0.38	63.4	0.28	2.4	217	2.1
E5151620	8.6	1330	30.9	6.4	<0.001	0.014	0.41	2	<0.2	0.4	7.6	<0.01	0.05	1.2	0.028	0.12	0.27	55.2	0.27	1.66	119	2.1
E5151621	11	258	21.5	7.1	<0.001	0.025	0.32	2.6	0.3	0.3	22.8	<0.01	0.05	0.9	0.044	0.07	0.48	53.4	0.39	5.3	110	1.6
E5151622	7	558	26.1	6.1	<0.001	0.014	0.35	1.8	<0.2	0.4	10.8	<0.01	0.04	0.6	0.046	0.06	0.21	64.9	0.36	1.54	85.6	0.7
E5151623	16.3	378	40.9	6	0.001	0.021	3.56	3.8	0.4	<0.2	17.2	<0.01	0.04	0.8	0.007	0.09	0.48	39.3	0.15	3.4	254	1.3
E5151624	6.4	788	29.4	6.3	<0.001	0.014	0.6	1.6	<0.2	0.3	9	<0.01	0.04	0.8	0.024	0.06	0.23	48.8	0.2	1.93	94.3	0.8
E5151625	8.5	360	14.9	5.6	<0.001	0.024	0.41	1.6	<0.2	<0.2	17	<0.01	0.03	0.2	0.006	0.07	0.4	24	0.16	3.98	42.3	0.5
E5151626	4.1	211	4.8	2.4	<0.001	0.007	0.25	0.8	<0.2	<0.2	3.1	<0.01	0.01	0.2	0.007	0.04	0.14	14.3	0.12	1.24	40.8	<0.5
E5151627	5	1980	12.4	5.8	<0.001	0.017	0.44	2.7	0.2	0.3	14.2	<0.01	0.04	1.1	0.021	0.03	0.36	41	0.27	4.52	58.1	1.5
E5151628	4.8	716	10.1	3	<0.001	0.008	0.79	4.8	0.3	0.4	16.2	<0.01	0.04	1.6	0.021	0.03	0.44	33.3	0.3	7.15	43.1	0.9
E5151629	4	1080	12.7	4.2	<0.001	0.01	1.64	3.3	<0.2	0.3	8.4	<0.01	0.03	1.2	<0.005	0.04	0.21	17.9	0.15	4.89	45.1	0.6
E5151630	5	455	26	8.3	<0.001	0.022	0.52	1.3	<0.2	0.4	19.1	0.01	0.06	0.5	0.037	0.06	0.19	45	0.39	1.33	299	0.9
E5151631	7	366	14.6	6	<0.001	0.015	0.34	2	<0.2	0.4	16	<0.01	0.04	0.7	0.078	0.04	0.21	73.8	0.25	1.42	143	1.1
E5151632	11.4	496	55.9	8.4	<0.001	0.038	0.41	2.1	0.3	0.2	29.9	<0.01	0.05	0.5	0.016	0.08	0.37	53.1	0.24	3.69	260	1.4
E5151633	11.3	521	52.8	12.3	0.004	0.03	0.26	1.8	<0.2	0.2	22.3	<0.01	0.04	0.6	0.026	0.08	0.21	53.2	0.17	2.54	150	1
E5151634	7.6	309	41.9	7.9	<0.001	0.016	0.46	1.4	<0.2	0.2	11.2	<0.01	0.06	0.4	0.035	0.06	0.15	45.5	0.18	1.3	212	0.5
E5151635	4.5	187	37.4	5.6	<0.001	0.015	0.25	1.1	<0.2	0.3	15.9	<0.01	0.13	0.2	0.039	0.04	0.18	43.8	0.17	2.51	88.7	<0.5
E5151636	14.7	1480	16.7	3.6	0.002	0.182	0.36	2.7	2.9	<0.2	91.6	0.04	0.14	0.3	0.03	0.08	2.55	36.5	0.21	29	36.4	2.3
E5151637	23.4	1090	7.2	3.4	0.001	0.092	0.23	3.7	2.1	0.4	63.3	0.04	0.07	0.7	0.061	0.11	1.08	54.9	0.16	18.5	27.9	3.6
E5151638	22.2	1040	6.8	2.5	0.002	0.152	0.22	2.7	2.2	<0.2	121	0.04	0.06	0.5	0.034	0.07	5.29	55.6	0.18	19	24.6	2.5
E5151639	6.4	424	11.2	6.1	<0.001	0.01	0.21	1.3	<0.2	0.3	8	<0.01	0.02	0.5	0.046	0.04	0.2	40.9	0.12	1.48	46.2	<0.5
E5151640	9.7	657	5.8	4.7	<0.001	0.019	0.14	2.4	<0.2	0.3	19.3	<0.01	0.02	1	0.08	0.04	0.27	63.7	0.17	2.72	51.8	2.7
E5151641	3.9	744	9.3	5.7	<0.001	0.012	0.16	1.7	<0.2	0.4	20.6	<0.01	0.01	0.9	0.077	0.03	0.18	50.7	0.18	1.62	29.9	2.3
E5151642	6.2	277	5	6.1	<0.001	0.013	0.12	2.2	<0.2	0.3	25.7	<0.01	0.05	0.9	0.085	0.04	0.19	53.9	0.1	2.24	31.8	3
E5151643	8.6	518	4.1	5.4	0.001	0.013	0.19	2.3	<0.2	0.2	22.1	<0.01	0.04	0.9	0.075	0.04	0.22	62.7	0.13	2.43	34.3	3.2
E5151644	7.2	250	4.2	5.9	<0.001	0.008	0.16	2.2	<0.2	0.2	18.3	<0.01	0.03	1.1	0.075	0.05	0.24	62.8	0.13	2.43	30.9	2.9
E5151645	6.2	1080	11.6	5.3	<0.001	0.02	0.22	2	<0.2	0.4	22.4	0.01	0.04	1.1	0.067	0.04	0.27	66.1	0.29	2.41	77.7	3.1
E5151646	4.7	790	11	6.5	<0.001	0.012	0.23	1.5	<0.2	0.3	11.5	<0.01	0.03	0.8	0.054	0.05	0.25	40	0.17	1.88	40.2	1.1
E5151647	10	377	15.9	6.8	<0.001	0.025	0.23	2.4	<0.2	0.2	28.5	<0.01	0.03	0.5	0.029	0.06	0.34	49.7	0.21	3.54	51.1	0.7
E5151648	13	1300	18.9	7.7	<0.001	0.013	0.57	2.7	<0.2	0.4	13.9	<0.01	0.04	1	0.034	0.06	0.29	88.3	0.31	1.95	84.6	2.1
E5151649	17.6	841	27.2	7.6	<0.001	0.011	0.79	3.1	0.2	0.2	10.5	<0.01	0.03	1.4	0.052	0.07	0.35	60.8	0.33	3.16	102	3.4
E5151650	11.6	1140	22.1	6.9	0.001	0.014	0.53	3.3	<0.2	0.3	10.5	<0.01	0.03	1.5	0.037	0.09	0.39	58.5	0.32	3.73	98.2	3.7
E5151651	13.4	1530	27.2	8.1	<0.001	0.013	0.5	3.2	0.2	0.2	9.2	<0.01	0.05	1.6	0.031	0.09	0.37	54.2	0.28	3.47	169	3.6
E5151652	12.4	1150	24.7	5.1	<0.001	0.012	0.38	3.5	0.2	0.3	11.2	<0.01	0.04	1.7	0.05	0.08	0.46	57.1	0.22	3.49	102	3.4
E5151653	9.9	783	19.5	3.6	0.001	0.081	0.3	3.1	0.7	<0.2	31.9	<0.01	0.04	0.6	0.028	0.11	1.26	48.4	0.34	10.2	66.3	2.2
E5151654	27.6	508	46.4	11.4	<0.001	0.029	0.91	12.4	1	0.4	44.7	<0.01	0.06	2.6	0.023	0.31	2.85	77.2	0.38	35.2	165	6.1
E5151655	12.3	672	23.9	7.4	<0.001	0.015	0.34	2.3	<0.2	0.3	16	<0.01	0.05	0.7	0.037	0.07	0.26	60.9	0.53	2.4	122	0.7
E5151656	10.7	229	24.4	6.1	<0.001	0.013	0.46	3	0.2	0.3	19.8	<0.01	0.04	0.8	0.043	0.08	0.45	51.7	0.16	7.95	77.5	1.2
E5151657	11.6	317	25.2	8.1	<0.001	0.021	0.97	3.6	0.3	0.2	21.6	<0.01	0.04	0.6	0.018	0.09	0.43	42.6	0.14	6.3	111	1
E5151658	11.3	534	10.6	6.4	<0.001	0.014	0.46	2.2	<0.2	0.3	11.6	<0.01	0.03	0.6	0.014	0.08	0.19	52.1	0.19	1.92	93.2	0.8
E5151659	4.7	275	10.3	7.1	<0.001	0.007	0.33	1.6	<0.2	0.2	9.1	<0.01	0.01	0.6	0.03	0.06	0.16	45	0.27	1.57	75.2	0.9
E5151812	7.5	713	9.9	5.8	<0.001	0.011	1.53	2.2	<0.2	<0.2	5.9	<0.01	0.01	0.5	<0.005	0.08	0.37	15.7	0.16	1.56	73.6	1.5
E5151813	3.5	541	6.5	6.6	<0.001	0.01	0.72	1.3	<0.2	0.2	6.8	<0.01	0.01	0.5	0.007	0.05	0.24	26.8	0.7	1.22	44	1
E5151814	2.2	143	8	3.9	<0.001	0.007	1.26	1.3	<0.2	0.3	6.6	<0.01	0.02	0.8	0.023	0.04	0.32	37.8	0.64	1.3	26.3	1.2
E5151815	3.5	612	14.8	6.2	<0.001	0.007	5.37	1.8	<0.2	<0.2	6.6	<0.01	0.01	0.5	<0.005	0.08	0.17	21.9	0.22	1.73	76.7	0.7
E5151816	5.5	1050	22.1	7.4	<0.001	0.009	0.77	1.9	<0.2	<0.2	6.7	<0.01	0.02	0.8	0.013	0.1	0.35	37.2	0.28	1.91	82.9	1.6
E5151817	10.9	1420	21	7.5	<0.001	0.013	1.17	2	<0.2	0.2	8	<0.01	0.02	0.7	0.01	0.12	0.47	42.3	0.24	2.68	147	1.3
E5151818	7.4	320	11.6	4.9	<0.001	0.017	0.64	2.5	<0.2	0.2	14.4	<0.01	0.02	0.6	0.023	0.07	0.2	57	0.17	2.16	74.2	0.9
E5151820	5.7	651	6.1	7.6	<0.001	0.023	0.59	1	<0.2	<0.2	14.7	<0.01	0.02	0.4	<0.005	0.08	0.17	19.9	0.1	3.08	68.6	0.6

E5151822	4.8	754	11.2	3.7	<0.001	0.013	0.36	1.2	<0.2	0.2	9.4	<0.01	0.02	0.5	0.019	0.05	0.13	48.7	0.2	1.12	73.1	1.2
E5151823	15.7	822	20.3	7.3	<0.001	0.024	0.64	2.9	<0.2	0.3	17.5	<0.01	0.03	0.8	0.035	0.08	0.28	57	0.27	3.22	97.5	1.5
E5151824	11.5	311	26.8	7.6	<0.001	0.018	0.33	2.9	<0.2	0.3	16.4	<0.01	0.05	0.9	0.041	0.09	0.3	58.3	0.2	4.9	158	1.5
E5151825	15.3	1270	33.8	8.3	<0.001	0.031	0.6	5.5	0.3	0.6	34.4	<0.01	0.07	1.5	0.044	0.18	0.67	82.4	0.65	5.28	331	3.6
E5151826	13.8	1110	37.2	7.6	<0.001	0.011	0.72	2.9	<0.2	0.3	9.5	<0.01	0.07	1.3	0.029	0.13	0.32	56.1	0.23	2.69	149	3.8
E5151827	16.1	1270	52.3	8.4	<0.001	0.012	0.66	3.5	0.2	0.3	10	<0.01	0.09	1.5	0.024	0.13	0.4	60.1	0.27	4.15	236	3.2
E5151828	9.3	1570	24.3	8.6	<0.001	0.014	0.37	2.7	<0.2	0.3	10.4	0.01	0.05	1.4	0.038	0.09	0.36	57.1	0.34	2.54	87.4	4.1
E5151829	11.3	1170	15.4	8.1	<0.001	0.011	0.47	3	<0.2	0.3	12.5	<0.01	0.04	1.1	0.035	0.09	0.29	57.7	0.26	2.55	91.5	2.5
E5151830	16.1	1110	6.2	5.5	<0.001	0.011	0.22	4.3	<0.2	0.3	12.4	<0.01	0.03	1.4	0.093	0.04	0.33	77.4	0.19	3.44	49.6	5.6
E5151831	13.6	1130	14.2	7	<0.001	0.013	0.51	3.2	<0.2	0.3	14.6	<0.01	0.04	1.2	0.052	0.06	0.32	68.6	0.39	3.47	71.6	3.2
E5151832	9.7	492	16.5	6.4	<0.001	0.014	0.35	2.8	<0.2	0.2	20	<0.01	0.02	1.2	0.053	0.07	0.38	44.4	0.23	4.3	45.8	1
E5151833	3.3	182	9.8	5.8	<0.001	0.014	0.21	1.6	<0.2	0.4	19.2	<0.01	0.02	0.6	0.073	0.05	0.27	47.2	0.23	2.85	48.8	0.7
E5151834	4.3	468	9.8	7	<0.001	0.012	0.2	1.6	<0.2	0.4	19.4	<0.01	0.02	0.8	0.069	0.03	0.21	52.2	0.25	1.74	51.9	1.3
E5151835	8.5	280	42	8.4	<0.001	0.012	0.19	2.5	<0.2	0.3	17.5	<0.01	0.02	0.8	0.074	0.06	0.34	52.5	0.11	3.8	160	1.2
E5151836	23.7	538	364	8	<0.001	0.048	0.92	11.7	1.7	0.3	53.3	0.01	0.17	1.9	0.012	0.08	3.75	47.4	0.18	57.9	721	5.2
E5151837	17.1	642	102	10.1	<0.001	0.035	0.45	3.9	0.3	0.3	37.5	<0.01	0.08	0.9	0.034	0.09	0.41	67.1	0.18	7.79	316	2.1
E5151838	16	457	84.3	7.1	<0.001	0.04	0.55	4.7	0.5	0.3	55.4	<0.01	0.07	0.9	0.022	0.09	0.58	64.3	0.23	17.7	213	2.9
E5151839	26	1280	40.1	7	0.001	0.091	0.38	6.4	1.9	0.3	64.9	0.02	0.07	0.9	0.048	0.12	1.86	63.4	0.26	51.6	84.5	6.3
E5151840	12.2	461	13.1	7.9	<0.001	0.011	0.2	2.6	<0.2	0.3	17.2	<0.01	0.03	0.7	0.096	0.04	0.22	72.1	0.19	2.27	58.3	1.3
E5151841	12.3	759	7.3	2.9	<0.001	0.069	0.17	4.1	0.8	0.3	55.1	0.01	0.04	0.5	0.055	0.04	1.63	60.4	0.17	16.2	40.9	2
E5151842	12.5	414	7.2	5.8	<0.001	0.015	0.22	3.6	<0.2	0.3	21.4	<0.01	0.02	0.8	0.09	0.06	0.25	75.3	0.17	3.08	43	1.5
E5151843	13.4	361	6.3	4.9	<0.001	0.017	0.2	3.5	0.2	0.3	24.9	<0.01	0.03	0.8	0.08	0.04	0.29	79	0.19	4.24	60.7	1.9
E5151844	12.4	230	12.8	7.5	<0.001	0.012	0.24	2.6	<0.2	0.3	19.1	<0.01	0.02	0.9	0.07	0.06	0.29	60.4	0.12	2.56	51	1.9
E5151845	10.9	907	5.1	5.5	<0.001	0.015	0.19	2.9	<0.2	0.3	27	<0.01	0.02	1.3	0.091	0.05	0.32	70	0.14	3.22	48.4	3.7
E5151846	7.9	782	5.4	5.2	<0.001	0.009	0.19	3.9	0.2	0.3	15.2	<0.01	0.02	1.8	0.1	0.06	0.44	62.2	0.15	5.06	37.2	4.7
E5151847	8.8	710	5.7	6	<0.001	0.01	0.2	3	<0.2	0.3	21.2	<0.01	0.02	1.6	0.101	0.06	0.34	63.5	0.13	3.49	38.2	4.1
E5151665	8.4	1140	17.6	7.7	<0.001	0.013	0.66	2.8	<0.2	0.2	9.9	<0.01	0.03	1.2	0.036	0.08	0.31	55.3	0.31	2.41	60.2	2.6
E5151666	17.1	839	16.7	7.4	<0.001	0.059	1.8	1.9	<0.2	0.2	55	<0.01	0.02	0.4	0.047	0.12	0.15	70.1	0.28	1.19	229	1.2
E5151667	4.3	818	13.8	6.6	<0.001	0.013	0.31	1.5	<0.2	0.3	10.1	<0.01	0.02	0.6	0.027	0.07	0.19	45.5	0.23	1.31	59.6	<0.5
E5151668	3.4	318	7.8	6.6	<0.001	0.014	0.39	1.1	<0.2	0.2	12.6	<0.01	0.02	0.4	0.014	0.05	0.1	41.4	0.19	1.11	65.1	0.6
E5151669	2.6	482	7.3	4.6	<0.001	0.012	0.32	0.9	<0.2	0.3	6.9	<0.01	0.01	0.4	0.02	0.07	0.11	37.2	0.15	0.8	36.7	<0.5
E5151670	7.6	548	11.7	7.4	<0.001	0.025	0.49	1.7	<0.2	0.3	12.7	<0.01	0.02	0.5	0.019	0.07	0.15	47.7	0.19	1.69	70.2	1.2
E5151671	11.6	738	30.6	8.3	<0.001	0.021	0.46	2.3	<0.2	0.3	16.7	<0.01	0.06	0.6	0.033	0.08	0.27	62.1	0.28	2.46	111	0.7
E5151672	10.2	685	29.5	7.8	<0.001	0.015	0.41	2.1	<0.2	0.3	16.9	<0.01	0.04	0.6	0.041	0.07	0.26	57.9	0.19	2.26	80.5	0.7
E5151673	16.4	790	41.2	8.5	<0.001	0.058	0.64	4.9	0.6	0.4	53.9	<0.01	0.07	0.9	0.046	0.13	0.81	67.7	0.37	12.2	221	2.1
E5151674	14.1	1280	40.1	8.2	<0.001	0.012	0.5	2.9	<0.2	0.3	10.1	<0.01	0.11	1.3	0.037	0.1	0.33	59.4	0.25	2.63	163	3.8
E5151675	4.9	865	19	8.6	<0.001	0.007	0.2	1.4	<0.2	0.3	8.8	<0.01	0.04	0.8	0.03	0.08	0.18	43.4	0.17	1.21	83.9	1
E5151676	12.5	1570	12.1	6	<0.001	0.018	0.29	3.4	<0.2	0.5	12.8	<0.01	0.03	1.3	0.073	0.06	0.3	66.4	0.4	2.5	75.1	3.8
E5151677	6.8	645	13.5	3.6	<0.001	0.013	0.19	1.8	<0.2	0.5	8.3	<0.01	0.02	0.9	0.069	0.04	0.21	45.9	0.22	1.52	33.3	1.8
E5151678	18.4	1470	17.5	7.8	<0.001	0.012	0.79	3.4	<0.2	0.3	11.5	<0.01	0.04	1.6	0.049	0.06	0.34	60.8	0.33	3.22	67	4.8
E5151679	11.1	1850	16.4	5.9	<0.001	0.015	0.59	2.8	<0.2	0.4	12.2	<0.01	0.04	1.1	0.035	0.07	0.32	87.7	0.28	2.04	99.7	1
E5151680	9.5	1080	13.1	7	<0.001	0.014	0.36	3.2	<0.2	0.3	11.3	<0.01	0.07	1.3	0.062	0.06	0.28	67.7	0.7	3.08	78.3	3.8
E5151681	11	414	82.7	10.5	<0.001	0.033	1.02	4.1	0.4	0.3	36.7	<0.01	0.14	0.9	0.013	0.12	1.03	51.8	0.18	13.8	456	1.8
E5151682	17.2	582	419	10.7	<0.001	0.044	0.95	4.7	0.5	0.3	47.7	<0.01	0.1	0.9	0.032	0.09	1.21	53.5	0.19	25.6	945	1.4
E5151683	12.3	826	94.9	8.5	<0.001	0.068	0.47	4.2	0.8	0.3	66.2	0.01	0.06	0.8	0.033	0.08	1.31	45.9	0.16	15.9	232	2.6
E5151684	28.9	822	170	7.8	0.001	0.049	0.75	9.8	1.3	0.4	58.6	0.01	0.07	3.1	0.044	0.15	1.99	74	0.31	54.1	378	5.8
E5151685	9.3	743	42.2	8.1	<0.001	0.018	0.33	2.4	<0.2	0.3	17.1	<0.01	0.05	0.7	0.057	0.07	0.25	60.6	0.18	2.71	160	1
E5151686	10.4	1000	14.1	6.4	<0.001	0.013	0.22	2.6	<0.2	0.3	17.3	<0.01	0.04	1	0.082	0.04	0.26	60.6	0.18	2.59	49.6	2.5
E5151687	14.6	2360	10.1	6.6	<0.001	0.017	0.23	3.5	<0.2	0.4	19.2	<0.01	0.03	1.2	0.077	0.04	0.32	75.8	0.27	3.67	59.2	1.9
E5151688	8.7	751	7.4	4.8	<0.001	0.019	0.16	2.5	<0.2	0.5	21.8	<0.01	0.02	0.8	0.089	0.03	0.23	74.2	0.26	2.39	44.4	1.4
E5151689	18.1	511	13.2	4.7	<0.001	0.044	0.81	3	0.3	0.3	37.2	<0.01	0.03	0.4	0.014	0.07	0.29	66.5	0.17	3.86	45.7	0.9
E5151690	8.8	493	7.6	8.7	<0.001	0.015	0.24	1.8	<0.2	0.2	15.6	<0.01	0.03	0.7	0.033	0.05	0.18	49.7	0.12	1.76	51.6	0.6
E5151691	9.3	2450	6.2	5.3	<0.001	0.014	0.21	2.5	<0.2	0.3	16.1	<0.01	0.03	1.4	0.085	0.04	0.29	73.3	0.22	2.38	61.1	3.5
E5151692	5.8	193	7.1	5.2	<0.001	0.013	0.17	2.2	<0.2	0.4	25.2	<0.01	0.02	1.1	0.105	0.04	0.42	53.4	0.14	2.3	35.2	2.5
E5151693	9.5	692	15.4	8.1	<0.001	0.02	0.24	2.7	<0.2	0.5	32.3	<0.01	0.03	0.8	0.049	0.07	0.35	64.3	0.36	3.77	105	0.7
E5151694	5.9	630	14.8	7.2	<0.001	0.016	0.2	2	<0.2	0.3	16.7	<0.01	0.02	0.8	0.051	0.04	0.3	44.4	0.19	2.78	57.7	1.3
E5151695	17.5	581	148	9.6	<0.001	0.038	0.63	5.2	0.4	0.3	43.8	<0.01	0.05	1.2	0.019	0.11	1.09	58.8	0.26	13	317	3
E5151696	15.6	629	65.1	8.8	<0.001	0.056	0.64	4	0.4	0.3	51.6	<0.01	0.05	0.7	0.039	0.08	0.65	52.6	0.2	19.7	249	2.6
E5151697	11.2	346	52.4	9	<0.001	0.021	0.37	3.1	0.2	0.3	26.8	<0.01	0.05	0.9	0.029	0.11	0.42	56.7	0.2	5.73	193	1.2
E5151698	9.7	426	18.6	6.9	<0.001	0.025	0.22	2.3	<0.2	0.3	27.8	<0.01	0.03	0.6	0.066	0.05	0.31	61	0.2	5.42	65.2	0.9

E5151699	10.3	302	9.6	4.5	<0.001	0.035	0.19	3.9	0.2	0.3	42.3	<0.01	0.02	1	0.073	0.06	0.55	67.4	0.18	6.64	50.4	2.3
E5151700	11.8	362	8.8	4.9	<0.001	0.014	0.17	3	<0.2	0.4	17.8	<0.01	0.02	0.8	0.079	0.04	0.27	65.9	0.14	2.88	50.3	2
E5151701	12.7	591	7.5	5.2	<0.001	0.073	0.31	3.8	0.4	0.3	56	0.01	0.02	0.6	0.05	0.05	0.66	48.5	0.18	13.4	33.9	1.8
E5151702	15.5	400	11.8	6.3	<0.001	0.018	0.37	3	<0.2	0.2	19.2	<0.01	0.03	0.8	0.057	0.05	0.23	68.9	0.21	3.15	47.6	1
E5151703	9.6	356	6.9	6.6	<0.001	0.018	0.3	2.9	<0.2	0.2	29.9	<0.01	0.02	0.9	0.08	0.04	0.26	64.2	0.19	3.32	39.6	2.4
E5151704	8.1	3680	6	6.9	<0.001	0.023	0.17	2.8	<0.2	0.4	33	<0.01	0.02	1.3	0.087	0.03	0.3	57.8	0.15	3.66	88.3	3

13.1.5 Appendix 4: Laboratory Certificates

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: LITTLE BEAR GOLD CORP
750 - 580 HORNBY STREET
VANCOUVER , BC V6C3B6
(604) 602-4935

ATTENTION TO: LITTLE BEAR GOLD CORP

PROJECT: BB2015-1

AGAT WORK ORDER: 15D009169

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Sep 04, 2015

PAGES (INCLUDING COVER): 25

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5151613 (6878547)	0.24	0.10	0.46	3.3	0.009	<5	49	0.07	0.18	0.16	0.18	6.03	2.8	7.9
E5151614 (6878548)	0.34	0.15	1.37	5.5	<0.005	<5	135	0.34	0.09	0.12	0.12	11.1	8.9	22.6
E5151615 (6878549)	0.30	0.38	1.60	9.2	<0.005	<5	61	0.33	0.16	0.09	0.19	6.06	8.2	22.0
E5151616 (6878550)	0.30	0.37	1.58	8.0	<0.005	<5	117	0.44	0.14	0.11	0.18	10.9	8.0	25.8
E5151617 (6878551)	0.32	0.32	1.71	9.1	0.012	<5	89	0.40	0.12	0.11	0.24	9.70	9.3	20.8
E5151618 (6878552)	0.32	0.46	1.91	5.3	<0.005	<5	119	0.41	0.12	0.11	0.41	8.59	8.7	14.7
E5151619 (6878553)	0.36	1.32	2.13	12.2	<0.005	<5	84	0.48	0.20	0.11	0.59	8.29	9.5	20.9
E5151620 (6878554)	0.30	0.66	1.32	7.1	<0.005	<5	63	0.25	0.24	0.08	0.34	6.88	6.9	17.9
E5151621 (6878555)	0.34	1.17	1.55	6.0	0.031	<5	187	0.39	0.24	0.34	0.64	9.39	7.7	17.7
E5151622 (6878556)	0.30	0.54	1.04	6.3	<0.005	<5	60	0.23	0.25	0.11	0.37	5.28	5.9	15.2
E5151623 (6878557)	0.30	0.27	0.90	51.5	0.028	<5	113	0.51	0.12	0.13	0.66	6.14	17.6	10.0
E5151624 (6878558)	0.28	0.60	1.07	9.3	<0.005	<5	60	0.23	0.11	0.11	0.30	7.73	5.5	13.6
E5151625 (6878559)	0.44	0.48	0.74	6.7	<0.005	<5	555	0.29	0.11	0.29	0.25	7.35	8.3	11.8
E5151626 (6878560)	0.38	0.19	0.48	1.6	<0.005	<5	37	0.06	0.09	0.03	0.25	3.43	1.8	7.9
E5151627 (6878561)	0.28	0.20	1.69	6.0	<0.005	<5	101	0.53	0.13	0.10	0.18	11.4	6.6	11.4
E5151628 (6878562)	0.36	0.07	0.62	8.1	<0.005	<5	86	0.47	0.13	0.18	0.10	21.1	6.5	10.7
E5151629 (6878563)	0.34	0.04	0.61	53.7	<0.005	<5	91	0.38	0.07	0.09	0.11	10.2	3.0	7.1
E5151630 (6878564)	0.28	0.81	0.69	5.0	<0.005	<5	81	0.15	0.43	0.24	1.34	5.14	4.5	12.9
E5151631 (6878565)	0.32	0.73	0.95	5.4	<0.005	<5	46	0.19	0.18	0.19	0.83	6.42	6.0	16.2
E5151632 (6878566)	0.30	0.73	1.29	8.9	0.015	<5	139	0.26	2.36	0.49	0.86	5.39	8.3	18.6
E5151633 (6878567)	0.32	0.63	1.09	5.1	0.009	<5	129	0.25	1.03	0.38	1.12	7.97	8.1	16.2
E5151634 (6878568)	0.34	0.31	0.72	10.9	0.011	<5	67	0.14	0.77	0.12	3.55	5.23	6.2	12.7
E5151635 (6878569)	0.36	1.32	0.60	8.1	<0.005	<5	69	0.16	1.89	0.17	1.67	4.87	3.5	9.5
E5151636 (6878570)	0.26	3.04	1.07	6.1	0.007	<5	220	0.61	0.21	2.38	5.04	10.2	8.1	11.3
E5151637 (6878571)	0.28	1.80	1.40	3.6	<0.005	<5	151	1.10	0.14	1.42	1.97	20.3	14.0	17.1
E5151638 (6878572)	0.20	1.90	1.55	3.3	<0.005	<5	147	0.78	0.10	2.28	1.94	19.7	10.0	18.8
E5151639 (6878573)	0.34	0.16	0.55	2.5	<0.005	<5	51	0.13	0.18	0.09	0.14	6.99	4.9	13.4
E5151640 (6878574)	0.26	0.10	1.27	4.7	<0.005	<5	83	0.31	0.08	0.19	0.15	6.50	8.0	16.3
E5151641 (6878575)	0.32	0.08	0.79	2.5	<0.005	<5	45	0.21	0.10	0.24	0.09	5.82	4.1	10.3
E5151642 (6878576)	0.32	0.02	0.78	2.5	<0.005	<5	74	0.21	0.07	0.28	0.08	5.84	7.0	13.1
E5151643 (6878577)	0.34	0.04	1.01	4.8	0.015	<5	50	0.21	0.07	0.24	0.09	5.86	7.7	15.6

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5151644 (6878578)	0.44	0.05	0.86	3.8	<0.005	<5	49	0.20	0.07	0.20	0.04	6.70	7.3	14.8
E5151645 (6878579)	0.40	0.24	1.61	7.9	<0.005	<5	64	0.44	0.15	0.18	0.30	5.74	5.6	15.0
E5151646 (6878580)	0.32	0.16	0.81	2.7	<0.005	<5	61	0.16	0.11	0.11	0.10	7.07	4.6	9.8
E5151647 (6878581)	0.30	0.27	1.28	4.0	<0.005	<5	103	0.33	0.18	0.34	0.13	8.93	9.8	15.3
E5151648 (6878582)	0.34	0.36	1.98	16.1	<0.005	<5	101	0.44	0.20	0.10	0.20	5.69	9.1	20.2
E5151649 (6878583)	0.28	0.50	1.37	17.4	<0.005	<5	92	0.41	0.14	0.11	0.28	8.98	9.7	20.5
E5151650 (6878584)	0.34	0.76	1.74	9.0	<0.005	<5	95	0.54	0.12	0.08	0.30	9.93	8.3	17.4
E5151651 (6878585)	0.42	1.04	1.89	11.3	<0.005	<5	76	0.54	0.15	0.08	0.53	8.51	9.4	19.3
E5151652 (6878586)	0.34	1.72	1.83	9.2	<0.005	<5	140	0.65	0.13	0.10	0.70	10.0	8.9	18.0
E5151653 (6878587)	0.32	0.69	1.22	4.1	<0.005	<5	129	0.39	0.27	0.62	0.57	12.1	7.8	20.1
E5151654 (6878588)	0.32	0.85	2.88	14.2	0.005	<5	319	1.61	0.35	0.55	3.49	51.0	14.4	34.1
E5151655 (6878589)	0.32	0.47	1.30	6.8	<0.005	<5	89	0.35	0.18	0.19	0.42	6.65	9.4	18.3
E5151656 (6878590)	0.26	0.46	0.96	8.4	<0.005	<5	150	0.29	0.13	0.33	0.39	9.14	8.9	16.0
E5151657 (6878591)	0.38	0.44	0.83	13.1	<0.005	<5	148	0.34	0.10	0.32	0.45	10.1	9.9	15.8
E5151658 (6878592)	0.36	0.24	1.12	27.2	<0.005	<5	87	0.25	0.11	0.10	0.31	5.51	6.3	17.4
E5151659 (6878593)	0.38	0.14	0.62	5.7	<0.005	<5	73	0.16	0.10	0.09	0.23	5.77	4.5	10.2
E5151812 (6878594)	0.40	0.15	0.63	7.2	<0.005	<5	36	0.38	0.05	0.03	0.17	2.56	4.3	12.0
E5151813 (6878595)	0.36	0.16	0.75	2.5	<0.005	<5	82	0.22	0.06	0.05	0.10	5.77	2.7	9.6
E5151814 (6878596)	0.38	0.06	0.47	4.2	<0.005	<5	37	0.13	0.08	0.04	0.08	7.74	2.8	8.3
E5151815 (6878597)	0.44	0.13	0.83	10.7	<0.005	<5	82	0.38	0.05	0.04	0.20	5.92	3.4	7.2
E5151816 (6878598)	0.36	0.34	1.13	10.0	<0.005	<5	81	0.28	0.14	0.07	0.37	6.23	5.7	11.4
E5151817 (6878599)	0.36	0.42	1.31	13.4	<0.005	<5	164	0.37	0.12	0.08	0.68	5.33	7.5	18.3
E5151818 (6878600)	0.42	0.21	0.73	13.0	<0.005	<5	263	0.22	0.11	0.21	0.30	6.20	6.8	12.8
E5151820 (6878601)	0.46	0.18	0.56	7.5	<0.005	<5	67	0.27	0.07	0.18	0.13	9.51	4.1	7.0
E5151822 (6878602)	0.40	0.24	0.84	10.3	<0.005	<5	43	0.16	0.12	0.09	0.21	5.79	3.9	9.6
E5151823 (6878603)	0.46	0.36	1.64	13.7	<0.005	<5	122	0.48	0.17	0.22	0.33	7.02	9.9	21.0
E5151824 (6878604)	0.32	0.47	1.24	6.4	<0.005	<5	113	0.37	0.24	0.25	0.50	9.60	9.0	18.6
E5151825 (6878605)	0.32	1.93	2.21	19.5	<0.005	<5	300	0.67	0.48	0.35	2.40	15.1	12.4	26.9
E5151826 (6878606)	0.40	0.78	1.49	15.3	<0.005	<5	79	0.44	0.27	0.09	0.41	8.84	9.5	18.6
E5151827 (6878607)	0.34	1.27	1.91	16.1	<0.005	<5	102	0.62	0.32	0.09	0.56	12.3	9.4	21.1
E5151828 (6878608)	0.26	0.29	1.80	5.1	0.005	<5	86	0.57	0.11	0.09	0.27	8.47	8.7	16.2

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AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5151829 (6878609)	0.26	0.35	1.32	7.9	<0.005	<5	97	0.35	0.12	0.12	0.27	7.98	8.8	17.4
E5151830 (6878610)	0.32	0.22	1.73	4.2	<0.005	<5	98	0.40	0.08	0.12	0.16	8.00	8.7	29.2
E5151831 (6878611)	0.42	0.26	1.63	11.4	<0.005	<5	113	0.40	0.15	0.12	0.11	8.05	7.9	19.8
E5151832 (6878612)	0.42	0.11	0.90	3.9	<0.005	<5	125	0.27	0.18	0.26	0.07	11.3	5.6	14.9
E5151833 (6878613)	0.32	0.15	0.68	3.4	<0.005	<5	58	0.16	0.15	0.21	0.18	6.87	3.8	9.8
E5151834 (6878614)	0.30	0.21	0.71	2.9	<0.005	<5	62	0.16	0.13	0.17	0.18	6.09	4.4	12.2
E5151835 (6878615)	0.42	0.18	0.93	3.0	<0.005	<5	78	0.27	0.23	0.22	0.25	7.91	6.5	14.9
E5151836 (6878616)	0.42	7.48	1.39	33.8	0.014	<5	223	1.14	2.08	0.80	6.55	11.4	11.0	24.0
E5151837 (6878617)	0.40	2.28	1.80	10.7	0.011	<5	264	0.54	0.94	0.54	1.56	10.6	11.0	20.3
E5151838 (6878618)	0.22	2.19	1.73	10.6	0.006	<5	243	0.61	0.76	0.91	2.20	14.4	10.3	21.3
E5151839 (6878619)	0.26	2.79	1.69	11.8	0.013	<5	187	0.94	0.44	1.28	7.09	22.0	10.1	23.8
E5151840 (6878620)	0.54	0.39	1.25	4.5	<0.005	<5	59	0.27	0.12	0.20	0.17	5.55	9.3	21.3
E5151841 (6878621)	0.32	0.70	1.51	4.9	<0.005	<5	117	0.63	0.11	1.01	0.38	20.9	9.1	24.4
E5151842 (6878622)	0.44	0.17	1.46	5.3	<0.005	<5	68	0.29	0.09	0.27	0.08	7.23	9.1	22.9
E5151843 (6878623)	0.32	0.25	1.51	5.2	<0.005	<5	101	0.32	0.10	0.29	0.29	9.30	9.9	23.6
E5151844 (6878624)	0.40	0.23	1.15	4.5	<0.005	<5	101	0.33	0.12	0.25	0.17	7.43	8.1	19.0
E5151845 (6878625)	0.46	0.09	1.52	4.3	<0.005	<5	69	0.34	0.08	0.34	0.09	7.73	9.1	17.4
E5151846 (6878626)	0.40	0.06	1.25	4.7	<0.005	<5	75	0.40	0.08	0.14	0.06	14.5	7.7	16.3
E5151847 (6878627)	0.38	0.05	1.38	5.0	<0.005	<5	98	0.37	0.10	0.19	0.06	8.71	8.1	16.8
E5151665 (6878628)	0.30	0.21	1.50	9.2	<0.005	<5	61	0.36	0.13	0.08	0.25	6.39	7.2	16.6
E5151666 (6878629)	0.36	0.15	2.28	10.9	<0.005	<5	279	0.29	0.09	0.92	0.22	4.67	4.1	25.5
E5151667 (6878630)	0.34	0.35	0.86	4.0	<0.005	<5	56	0.16	0.13	0.11	0.32	5.96	3.7	12.2
E5151668 (6878631)	0.26	0.11	0.39	5.5	<0.005	<5	54	0.13	0.10	0.17	0.12	5.75	2.3	6.7
E5151669 (6878632)	0.36	0.22	0.72	3.0	<0.005	6	51	0.11	0.10	0.06	0.13	5.65	2.1	8.3
E5151670 (6878633)	0.18	0.15	0.91	11.5	<0.005	<5	73	0.18	0.08	0.14	0.28	5.48	5.5	12.8
E5151671 (6878634)	0.32	0.29	1.47	13.9	0.006	<5	80	0.39	0.34	0.18	0.33	6.94	8.6	17.3
E5151672 (6878635)	0.32	0.23	1.08	6.7	<0.005	<5	59	0.30	0.15	0.21	0.28	7.66	7.6	16.5
E5151673 (6878636)	0.30	2.02	2.26	13.8	<0.005	<5	273	0.75	0.41	0.91	3.31	19.1	10.3	24.4
E5151674 (6878637)	0.22	0.56	1.65	13.8	0.007	<5	74	0.44	0.34	0.10	0.40	7.89	10.0	19.0
E5151675 (6878638)	0.26	0.23	0.98	3.5	<0.005	<5	62	0.21	0.16	0.10	0.22	5.64	4.1	11.2
E5151676 (6878639)	0.24	0.63	1.86	4.7	<0.005	<5	70	0.42	0.13	0.11	0.16	7.35	8.5	21.5

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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5
E5151677 (6878640)	0.26	0.19	1.04	2.3	<0.005	<5	55	0.19	0.15	0.09	0.08	6.11	3.7	12.7
E5151678 (6878641)	0.30	0.33	1.76	16.7	<0.005	<5	70	0.60	0.14	0.11	0.13	7.90	11.2	19.7
E5151679 (6878642)	0.28	0.55	2.05	8.5	<0.005	<5	72	0.46	0.15	0.09	0.24	7.10	7.4	26.6
E5151680 (6878643)	0.28	0.26	2.08	10.0	<0.005	<5	49	0.46	0.30	0.10	0.21	5.80	9.0	19.3
E5151681 (6878644)	0.34	1.48	1.09	12.9	0.109	<5	215	0.54	0.79	0.51	1.76	7.76	8.4	16.5
E5151682 (6878645)	0.28	5.21	1.32	8.9	0.006	<5	402	0.71	1.16	0.74	10.7	15.8	10.7	22.7
E5151683 (6878646)	0.22	3.28	1.45	5.7	0.010	<5	154	0.50	0.84	1.46	2.34	15.5	10.9	16.6
E5151684 (6878647)	0.26	5.75	2.99	10.4	0.036	<5	324	1.03	1.57	0.99	7.09	27.8	8.6	30.4
E5151685 (6878648)	0.42	0.97	1.09	5.8	<0.005	<5	79	0.27	0.38	0.27	1.99	8.43	9.5	17.9
E5151686 (6878649)	0.36	0.18	1.27	3.8	0.016	<5	72	0.30	0.13	0.19	0.12	6.72	8.3	17.6
E5151687 (6878650)	0.38	0.12	2.09	4.3	<0.005	<5	106	0.50	0.12	0.23	0.10	8.65	12.4	24.2
E5151688 (6878651)	0.24	0.09	1.31	2.7	<0.005	<5	58	0.29	0.10	0.27	0.15	7.16	7.7	22.9
E5151689 (6878652)	0.32	0.21	1.44	10.1	<0.005	<5	173	0.30	0.12	0.60	0.35	7.66	9.1	26.6
E5151690 (6878653)	0.44	0.35	0.79	2.6	<0.005	<5	167	0.20	0.15	0.23	0.27	7.33	6.6	16.1
E5151691 (6878654)	0.42	0.10	1.49	5.5	<0.005	<5	69	0.36	0.09	0.14	0.13	6.13	9.4	17.8
E5151692 (6878655)	0.26	0.03	0.94	2.2	<0.005	<5	68	0.18	0.10	0.31	0.07	7.35	5.7	14.5
E5151693 (6878656)	0.26	0.21	1.55	6.0	<0.005	<5	132	0.52	0.18	0.35	0.20	9.35	11.7	14.8
E5151694 (6878657)	0.26	0.28	0.95	2.0	<0.005	<5	75	0.26	0.12	0.19	0.12	8.15	6.2	13.2
E5151695 (6878658)	0.20	1.10	1.72	9.8	0.007	<5	197	0.66	0.88	0.58	0.82	12.9	12.2	23.6
E5151696 (6878659)	0.20	1.91	1.40	5.1	0.077	<5	160	0.47	0.59	0.80	2.24	10.5	11.4	20.4
E5151697 (6878660)	0.32	1.68	1.17	7.8	<0.005	<5	129	0.33	0.67	0.38	1.47	10.0	7.5	19.1
E5151698 (6878661)	0.22	0.63	1.35	4.0	<0.005	<5	89	0.38	0.27	0.39	0.37	9.03	7.5	16.1
E5151699 (6878662)	0.22	0.29	1.46	3.5	<0.005	<5	139	0.39	0.14	0.61	0.32	11.0	10.2	18.5
E5151700 (6878663)	0.30	0.19	1.26	1.7	<0.005	<5	62	0.27	0.10	0.23	0.26	6.19	10.2	24.9
E5151701 (6878664)	0.18	0.45	1.32	3.4	<0.005	<5	112	0.35	0.10	0.99	0.35	15.7	8.0	21.0
E5151702 (6878665)	0.36	0.22	1.26	6.3	<0.005	<5	174	0.35	0.12	0.23	0.13	8.02	9.0	23.4
E5151703 (6878666)	0.30	0.14	1.23	3.6	<0.005	<5	102	0.20	0.10	0.42	0.11	6.42	7.9	18.5
E5151704 (6878667)	0.28	0.06	1.52	2.9	<0.005	<5	113	0.39	0.09	0.39	0.29	8.46	8.7	15.6

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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5151613 (6878547)	0.70	4.0	0.94	3.18	0.07	<0.02	0.02	0.007	0.04	4.0	2.1	0.13	120	0.70
E5151614 (6878548)	2.74	13.8	2.37	3.93	0.07	0.04	0.03	0.017	0.03	5.2	6.6	0.37	189	0.70
E5151615 (6878549)	3.37	10.0	3.04	6.17	0.06	0.03	0.03	0.021	0.03	4.0	7.0	0.24	178	1.01
E5151616 (6878550)	2.51	19.9	2.55	4.39	0.07	0.07	0.04	0.019	0.03	4.7	5.6	0.46	282	4.28
E5151617 (6878551)	2.41	14.0	2.74	5.30	0.07	0.09	0.03	0.021	0.03	5.3	8.1	0.37	216	0.85
E5151618 (6878552)	3.62	11.1	2.23	5.09	0.05	0.05	0.03	0.021	0.03	5.2	6.3	0.25	359	0.89
E5151619 (6878553)	4.02	12.5	2.94	5.37	0.06	0.04	0.07	0.026	0.03	5.4	7.0	0.27	330	1.40
E5151620 (6878554)	2.31	7.0	2.38	4.95	0.06	0.04	0.04	0.017	0.03	4.4	8.0	0.20	212	1.15
E5151621 (6878555)	1.79	12.7	2.26	4.99	<0.05	0.03	0.05	0.019	0.03	6.0	6.9	0.26	235	1.23
E5151622 (6878556)	1.63	5.9	2.55	5.52	0.06	<0.02	0.03	0.017	0.04	3.5	6.8	0.24	181	1.14
E5151623 (6878557)	2.10	22.6	5.63	1.78	0.08	0.02	0.03	0.037	0.04	2.6	7.4	0.15	549	24.2
E5151624 (6878558)	3.65	9.1	2.32	4.38	0.06	<0.02	0.04	0.016	0.04	5.1	8.6	0.17	310	2.40
E5151625 (6878559)	4.19	10.1	1.32	2.11	<0.05	<0.02	0.05	0.013	0.07	3.9	6.4	0.22	1110	3.74
E5151626 (6878560)	0.49	4.4	0.83	1.61	<0.05	<0.02	0.02	0.005	0.02	1.8	1.7	0.01	263	4.69
E5151627 (6878561)	3.52	6.5	2.88	3.74	0.06	0.04	0.04	0.033	0.02	5.1	8.3	0.25	210	0.96
E5151628 (6878562)	5.47	3.6	3.38	1.38	0.08	0.02	0.02	0.030	0.04	9.1	3.7	0.18	488	0.59
E5151629 (6878563)	5.84	1.4	2.59	1.01	0.06	<0.02	0.02	0.046	0.04	5.7	2.9	0.05	313	0.82
E5151630 (6878564)	1.58	7.6	1.84	3.97	<0.05	<0.02	0.03	0.032	0.06	3.4	6.1	0.16	273	1.04
E5151631 (6878565)	1.06	6.7	2.54	4.29	0.05	0.02	0.02	0.015	0.04	3.2	5.8	0.24	191	0.75
E5151632 (6878566)	1.02	12.8	2.57	4.73	<0.05	0.03	0.04	0.036	0.05	3.5	7.4	0.47	536	1.37
E5151633 (6878567)	0.94	23.6	2.45	4.01	<0.05	0.02	0.04	0.018	0.12	4.6	5.6	0.41	1740	1.40
E5151634 (6878568)	1.19	12.0	1.96	3.56	<0.05	<0.02	0.02	0.015	0.06	3.3	5.4	0.27	347	1.24
E5151635 (6878569)	0.98	10.1	1.49	3.02	<0.05	<0.02	0.02	0.013	0.03	3.5	3.3	0.15	94	1.00
E5151636 (6878570)	1.19	158	1.60	2.65	0.10	0.08	0.09	0.015	0.03	16.2	4.8	0.31	1230	1.10
E5151637 (6878571)	1.08	149	2.26	4.36	0.05	0.08	0.05	0.023	0.03	18.0	3.9	0.24	863	0.66
E5151638 (6878572)	0.73	92.1	1.80	3.26	0.08	0.07	0.10	0.017	0.02	18.9	4.7	0.33	2510	2.50
E5151639 (6878573)	1.11	5.4	1.56	3.02	0.05	<0.02	<0.01	0.008	0.04	4.7	3.8	0.21	124	0.54
E5151640 (6878574)	1.14	9.6	2.39	4.74	<0.05	0.06	0.02	0.015	0.03	3.7	7.3	0.34	348	0.69
E5151641 (6878575)	0.72	3.5	1.90	4.15	<0.05	0.05	0.02	0.013	0.03	2.9	4.1	0.14	118	0.44
E5151642 (6878576)	0.53	7.0	1.96	3.32	<0.05	0.12	0.01	0.013	0.04	3.3	3.6	0.24	305	0.40
E5151643 (6878577)	0.96	9.5	2.25	3.70	<0.05	0.09	0.01	0.013	0.05	3.5	4.9	0.33	258	0.48
E5151644 (6878578)	0.82	7.6	2.23	3.20	<0.05	0.07	0.01	0.011	0.04	3.9	4.4	0.30	211	0.47

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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5151645 (6878579)	1.16	4.4	2.79	5.31	<0.05	0.08	0.04	0.023	0.02	3.7	6.6	0.18	131	1.14
E5151646 (6878580)	1.67	4.8	1.57	3.45	<0.05	0.03	0.02	0.011	0.03	4.4	4.8	0.18	162	0.61
E5151647 (6878581)	2.01	8.6	1.66	4.29	<0.05	0.02	0.03	0.015	0.03	5.1	6.4	0.42	790	0.89
E5151648 (6878582)	2.41	12.2	3.54	6.55	0.05	0.04	0.03	0.027	0.03	3.6	9.0	0.28	204	1.42
E5151649 (6878583)	2.67	19.9	2.50	3.43	0.05	0.08	0.04	0.053	0.03	5.0	6.3	0.34	264	1.03
E5151650 (6878584)	3.03	13.6	2.49	4.49	0.05	0.07	0.05	0.021	0.03	5.4	7.3	0.27	226	0.88
E5151651 (6878585)	2.40	13.6	2.51	4.13	<0.05	0.07	0.05	0.023	0.03	4.9	8.7	0.33	276	0.99
E5151652 (6878586)	3.33	20.0	2.40	3.86	<0.05	0.07	0.06	0.021	0.03	5.5	6.5	0.36	211	0.85
E5151653 (6878587)	1.25	22.6	1.49	3.31	<0.05	0.07	0.07	0.015	0.03	7.5	6.5	0.40	266	1.86
E5151654 (6878588)	3.37	55.2	3.67	7.75	0.08	0.17	0.10	0.045	0.08	32.0	9.0	0.71	3770	2.97
E5151655 (6878589)	1.88	9.6	2.46	4.42	<0.05	<0.02	0.02	0.019	0.03	4.5	7.5	0.34	268	0.94
E5151656 (6878590)	2.57	12.6	2.01	3.35	<0.05	0.03	0.02	0.017	0.03	7.0	8.1	0.37	475	1.48
E5151657 (6878591)	3.42	12.4	2.75	2.93	<0.05	0.02	0.03	0.025	0.06	5.3	7.3	0.25	963	2.37
E5151658 (6878592)	2.01	10.1	2.34	4.29	<0.05	<0.02	0.04	0.026	0.03	3.5	7.9	0.19	202	2.74
E5151659 (6878593)	1.13	6.8	1.91	2.80	0.05	<0.02	0.01	0.014	0.03	3.6	5.0	0.14	150	1.56
E5151812 (6878594)	1.58	20.7	2.29	1.22	0.06	0.02	0.02	0.022	0.05	1.4	5.7	0.04	243	4.81
E5151813 (6878595)	0.96	7.6	1.85	1.50	0.06	0.02	0.02	0.014	0.04	3.6	6.9	0.08	217	0.66
E5151814 (6878596)	0.53	7.4	2.45	1.60	0.07	0.03	0.02	0.012	0.04	4.8	2.6	0.07	98	0.72
E5151815 (6878597)	3.32	30.3	2.34	1.44	0.06	<0.02	0.03	0.021	0.03	3.8	8.7	0.10	162	8.86
E5151816 (6878598)	2.35	11.0	1.95	2.89	<0.05	0.03	0.04	0.014	0.03	3.1	8.7	0.16	388	2.36
E5151817 (6878599)	3.22	14.9	2.32	3.38	0.05	0.02	0.04	0.018	0.03	3.3	9.0	0.16	302	7.84
E5151818 (6878600)	1.32	11.2	2.51	3.31	0.05	<0.02	0.02	0.021	0.05	4.0	7.2	0.22	212	2.47
E5151820 (6878601)	2.03	5.1	2.27	1.52	0.06	<0.02	0.03	0.018	0.05	4.7	2.9	0.05	128	1.73
E5151822 (6878602)	0.86	4.4	2.45	5.21	<0.05	0.03	0.03	0.017	0.03	3.7	7.5	0.20	252	2.38
E5151823 (6878603)	3.17	15.4	2.94	4.57	0.05	0.03	0.03	0.025	0.05	4.2	7.2	0.36	451	2.12
E5151824 (6878604)	1.80	10.6	2.36	3.94	<0.05	0.03	0.03	0.018	0.06	5.2	8.4	0.39	347	0.94
E5151825 (6878605)	3.71	18.6	5.76	7.28	0.07	0.09	0.07	0.036	0.05	5.5	9.5	0.43	4670	3.57
E5151826 (6878606)	3.10	14.9	2.52	3.98	0.06	0.08	0.04	0.023	0.03	5.2	8.1	0.28	280	1.43
E5151827 (6878607)	2.78	21.6	2.85	4.63	0.06	0.06	0.06	0.026	0.03	5.3	7.1	0.35	285	1.57
E5151828 (6878608)	3.18	10.5	2.46	4.59	0.05	0.18	0.05	0.022	0.03	4.5	8.1	0.27	487	0.83
E5151829 (6878609)	3.69	13.2	2.47	4.12	0.06	0.07	0.03	0.019	0.03	4.5	8.1	0.27	442	0.89
E5151830 (6878610)	3.12	19.9	2.70	4.71	0.06	0.13	0.03	0.018	0.03	4.5	7.3	0.49	321	0.52

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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5151831 (6878611)	1.89	14.6	2.74	4.75	0.06	0.07	0.04	0.021	0.03	4.6	7.3	0.32	180	0.96
E5151832 (6878612)	1.92	9.5	1.47	3.08	<0.05	0.03	0.01	0.014	0.03	6.4	8.0	0.36	179	0.56
E5151833 (6878613)	0.74	4.5	1.45	4.59	0.05	0.02	0.02	0.009	0.03	4.9	6.7	0.15	219	0.80
E5151834 (6878614)	1.39	4.6	1.82	4.46	0.05	0.03	0.02	0.011	0.04	3.8	5.6	0.13	150	0.82
E5151835 (6878615)	1.26	7.8	1.94	3.52	0.05	0.02	<0.01	0.014	0.03	5.1	6.7	0.33	228	0.45
E5151836 (6878616)	3.71	80.5	3.80	3.11	0.10	0.19	0.11	0.059	0.08	26.9	4.2	0.25	1930	1.78
E5151837 (6878617)	2.05	26.7	3.17	5.41	<0.05	0.06	0.04	0.032	0.06	6.6	9.3	0.49	503	1.15
E5151838 (6878618)	1.09	39.8	2.95	5.06	<0.05	0.09	0.06	0.031	0.05	12.7	8.9	0.42	387	1.50
E5151839 (6878619)	1.60	155	2.89	5.17	0.08	0.19	0.07	0.030	0.05	21.3	7.5	0.52	1760	1.14
E5151840 (6878620)	1.27	11.4	2.48	4.71	0.06	0.03	0.01	0.015	0.04	3.4	8.2	0.41	226	0.71
E5151841 (6878621)	0.87	96.1	2.37	3.84	<0.05	0.07	0.06	0.017	0.02	13.3	7.1	0.34	274	0.62
E5151842 (6878622)	1.05	17.9	2.67	4.41	0.05	0.04	0.02	0.017	0.04	4.1	7.8	0.48	281	0.74
E5151843 (6878623)	1.00	20.2	2.79	4.95	0.05	0.05	0.06	0.017	0.03	4.5	9.0	0.40	232	0.77
E5151844 (6878624)	1.39	9.4	2.39	3.78	<0.05	0.04	0.01	0.017	0.03	4.2	8.2	0.40	238	0.72
E5151845 (6878625)	1.14	8.4	2.73	4.44	0.05	0.09	0.02	0.015	0.03	4.0	7.5	0.48	312	0.54
E5151846 (6878626)	0.78	9.5	2.35	3.91	0.07	0.09	0.01	0.015	0.03	5.6	5.6	0.29	221	0.57
E5151847 (6878627)	0.83	11.6	2.39	4.25	0.06	0.09	0.02	0.017	0.05	5.3	6.0	0.33	220	0.57
E5151665 (6878628)	1.87	12.2	2.69	3.80	0.06	0.05	0.06	0.021	0.03	3.9	10.6	0.25	196	1.43
E5151666 (6878629)	2.17	23.2	3.30	2.69	0.07	0.03	0.03	0.019	0.06	2.5	11.3	0.46	3730	1.78
E5151667 (6878630)	1.54	3.7	1.83	3.55	0.06	<0.02	0.02	0.012	0.03	3.8	7.5	0.14	169	1.08
E5151668 (6878631)	2.05	3.2	2.93	1.83	0.07	<0.02	0.01	0.017	0.05	3.6	1.4	0.03	158	2.12
E5151669 (6878632)	1.20	3.0	1.64	3.11	0.07	<0.02	0.02	0.009	0.03	3.6	8.8	0.08	148	4.31
E5151670 (6878633)	1.95	7.7	2.28	4.23	0.05	0.03	0.05	0.017	0.06	3.5	9.7	0.24	380	2.14
E5151671 (6878634)	1.85	12.9	2.81	4.66	0.06	<0.02	0.03	0.025	0.05	4.2	10.2	0.33	235	1.32
E5151672 (6878635)	1.72	9.1	2.35	3.66	0.07	<0.02	0.02	0.017	0.04	4.7	7.0	0.30	215	0.74
E5151673 (6878636)	2.60	22.5	3.27	6.23	0.06	0.06	0.10	0.030	0.06	15.9	15.7	0.45	3700	2.48
E5151674 (6878637)	2.41	19.5	2.80	4.87	0.07	0.06	0.05	0.028	0.04	4.9	8.9	0.38	377	1.37
E5151675 (6878638)	1.36	4.1	1.75	3.73	0.06	<0.02	0.02	0.013	0.03	3.5	8.7	0.13	601	0.57
E5151676 (6878639)	3.14	12.9	2.53	5.93	0.07	0.14	0.06	0.024	0.03	4.3	10.0	0.32	257	0.69
E5151677 (6878640)	1.22	6.1	1.58	5.52	0.07	0.05	0.04	0.014	0.02	3.9	6.5	0.19	215	0.63
E5151678 (6878641)	3.14	18.4	2.73	4.01	0.07	0.11	0.06	0.026	0.04	4.7	9.8	0.35	253	1.17
E5151679 (6878642)	2.26	11.4	3.35	6.84	0.07	0.02	0.04	0.024	0.03	4.3	10.2	0.22	202	0.99

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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample ID (AGAT ID) RDL:	0.05	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05
E5151680 (6878643)	1.44	10.4	2.97	4.51	0.08	0.09	0.03	0.025	0.03	3.5	8.0	0.30	179	1.41
E5151681 (6878644)	2.57	24.6	2.76	2.99	0.09	0.06	0.06	0.029	0.08	12.1	6.9	0.22	652	1.25
E5151682 (6878645)	2.75	68.5	2.85	3.71	0.08	0.05	0.08	0.042	0.07	14.8	5.5	0.29	3120	1.35
E5151683 (6878646)	1.07	32.2	2.35	4.06	0.07	0.09	0.08	0.033	0.05	10.5	8.3	0.41	1330	0.85
E5151684 (6878647)	2.02	117	4.47	5.95	0.11	0.23	0.12	0.050	0.08	31.2	8.1	0.60	2550	1.79
E5151685 (6878648)	1.28	10.3	2.33	4.10	0.06	0.02	0.03	0.022	0.04	4.7	5.6	0.28	936	1.32
E5151686 (6878649)	1.07	11.3	2.34	3.97	0.06	0.05	0.02	0.016	0.04	4.1	6.7	0.34	230	0.66
E5151687 (6878650)	1.50	20.4	3.20	5.76	0.06	0.04	0.03	0.025	0.03	5.0	10.4	0.38	206	0.63
E5151688 (6878651)	0.83	10.0	2.48	5.33	0.06	0.03	0.02	0.018	0.03	3.5	9.5	0.24	123	0.63
E5151689 (6878652)	1.08	17.8	2.24	4.69	<0.05	0.03	0.03	0.025	0.02	4.7	8.6	0.38	298	0.91
E5151690 (6878653)	1.41	6.8	2.00	3.24	0.06	<0.02	0.02	0.012	0.06	4.7	8.1	0.27	277	0.68
E5151691 (6878654)	0.93	6.6	2.96	5.13	0.08	0.08	0.02	0.021	0.03	3.8	7.9	0.30	325	0.76
E5151692 (6878655)	0.74	3.2	1.92	3.75	0.06	0.06	0.01	0.013	0.03	3.5	7.9	0.26	216	0.41
E5151693 (6878656)	2.76	8.7	2.44	5.81	0.05	<0.02	0.03	0.020	0.04	6.1	9.8	0.40	426	1.21
E5151694 (6878657)	0.98	6.1	1.72	3.64	0.05	0.03	0.02	0.013	0.03	5.3	6.7	0.26	298	0.61
E5151695 (6878658)	3.23	29.7	3.45	4.81	0.08	0.09	0.06	0.036	0.07	11.8	10.4	0.54	990	1.31
E5151696 (6878659)	2.25	24.8	2.49	4.49	0.07	0.08	0.07	0.024	0.07	12.8	8.8	0.44	860	1.14
E5151697 (6878660)	1.28	13.8	2.42	3.79	0.06	0.03	0.03	0.022	0.05	5.9	6.4	0.36	629	0.76
E5151698 (6878661)	1.04	10.6	2.32	4.43	0.06	0.02	0.03	0.017	0.04	6.6	6.9	0.33	418	0.54
E5151699 (6878662)	0.83	17.2	2.38	4.56	0.05	0.06	0.03	0.018	0.03	6.5	9.8	0.47	523	0.52
E5151700 (6878663)	1.11	11.2	2.43	4.55	0.06	0.05	0.02	0.015	0.03	3.7	8.2	0.49	262	0.38
E5151701 (6878664)	0.91	28.0	1.87	3.78	0.06	0.06	0.06	0.017	0.04	10.8	7.6	0.47	286	0.50
E5151702 (6878665)	1.42	17.6	2.73	3.91	0.07	0.02	0.02	0.017	0.03	4.6	8.0	0.47	220	0.98
E5151703 (6878666)	0.99	12.1	2.39	3.74	0.06	0.06	0.01	0.014	0.04	4.2	9.1	0.46	240	0.51
E5151704 (6878667)	1.13	6.9	2.71	4.76	0.07	0.07	0.03	0.021	0.05	4.8	6.2	0.27	260	0.43

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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5151613 (6878547)	<0.01	1.01	4.0	189	12.3	5.3	<0.001	0.012	0.22	1.2	<0.2	0.3	13.6	<0.01
E5151614 (6878548)	<0.01	1.51	13.3	677	8.4	5.5	<0.001	0.010	0.37	3.6	<0.2	0.3	16.6	<0.01
E5151615 (6878549)	<0.01	1.55	9.5	1240	15.9	7.4	<0.001	0.013	0.42	3.0	<0.2	0.4	12.4	<0.01
E5151616 (6878550)	<0.01	1.13	13.6	856	16.0	6.7	<0.001	0.009	0.40	4.0	0.2	0.3	12.8	<0.01
E5151617 (6878551)	<0.01	1.93	12.3	1280	16.2	6.2	<0.001	0.013	0.37	3.8	0.2	0.3	14.1	<0.01
E5151618 (6878552)	<0.01	1.97	9.3	1170	20.5	7.1	<0.001	0.015	0.36	2.8	<0.2	0.4	10.9	<0.01
E5151619 (6878553)	<0.01	1.66	12.0	1640	38.6	8.0	<0.001	0.018	0.48	2.6	<0.2	0.3	12.3	<0.01
E5151620 (6878554)	<0.01	1.64	8.6	1330	30.9	6.4	<0.001	0.014	0.41	2.0	<0.2	0.4	7.6	<0.01
E5151621 (6878555)	<0.01	2.11	11.0	258	21.5	7.1	<0.001	0.025	0.32	2.6	0.3	0.3	22.8	<0.01
E5151622 (6878556)	<0.01	2.00	7.0	558	26.1	6.1	<0.001	0.014	0.35	1.8	<0.2	0.4	10.8	<0.01
E5151623 (6878557)	<0.01	0.58	16.3	378	40.9	6.0	0.001	0.021	3.56	3.8	0.4	<0.2	17.2	<0.01
E5151624 (6878558)	<0.01	1.54	6.4	788	29.4	6.3	<0.001	0.014	0.60	1.6	<0.2	0.3	9.0	<0.01
E5151625 (6878559)	<0.01	0.66	8.5	360	14.9	5.6	<0.001	0.024	0.41	1.6	<0.2	<0.2	17.0	<0.01
E5151626 (6878560)	<0.01	0.40	4.1	211	4.8	2.4	<0.001	0.007	0.25	0.8	<0.2	<0.2	3.1	<0.01
E5151627 (6878561)	<0.01	1.03	5.0	1980	12.4	5.8	<0.001	0.017	0.44	2.7	0.2	0.3	14.2	<0.01
E5151628 (6878562)	<0.01	0.39	4.8	716	10.1	3.0	<0.001	0.008	0.79	4.8	0.3	0.4	16.2	<0.01
E5151629 (6878563)	<0.01	0.23	4.0	1080	12.7	4.2	<0.001	0.010	1.64	3.3	<0.2	0.3	8.4	<0.01
E5151630 (6878564)	<0.01	1.72	5.0	455	26.0	8.3	<0.001	0.022	0.52	1.3	<0.2	0.4	19.1	0.01
E5151631 (6878565)	<0.01	1.79	7.0	366	14.6	6.0	<0.001	0.015	0.34	2.0	<0.2	0.4	16.0	<0.01
E5151632 (6878566)	<0.01	1.12	11.4	496	55.9	8.4	<0.001	0.038	0.41	2.1	0.3	0.2	29.9	<0.01
E5151633 (6878567)	<0.01	1.11	11.3	521	52.8	12.3	0.004	0.030	0.26	1.8	<0.2	0.2	22.3	<0.01
E5151634 (6878568)	<0.01	1.15	7.6	309	41.9	7.9	<0.001	0.016	0.46	1.4	<0.2	0.2	11.2	<0.01
E5151635 (6878569)	<0.01	1.17	4.5	187	37.4	5.6	<0.001	0.015	0.25	1.1	<0.2	0.3	15.9	<0.01
E5151636 (6878570)	0.02	1.04	14.7	1480	16.7	3.6	0.002	0.182	0.36	2.7	2.9	<0.2	91.6	0.04
E5151637 (6878571)	0.02	2.31	23.4	1090	7.2	3.4	0.001	0.092	0.23	3.7	2.1	0.4	63.3	0.04
E5151638 (6878572)	0.01	1.16	22.2	1040	6.8	2.5	0.002	0.152	0.22	2.7	2.2	<0.2	121	0.04
E5151639 (6878573)	<0.01	1.45	6.4	424	11.2	6.1	<0.001	0.010	0.21	1.3	<0.2	0.3	8.0	<0.01
E5151640 (6878574)	<0.01	1.95	9.7	657	5.8	4.7	<0.001	0.019	0.14	2.4	<0.2	0.3	19.3	<0.01
E5151641 (6878575)	<0.01	1.86	3.9	744	9.3	5.7	<0.001	0.012	0.16	1.7	<0.2	0.4	20.6	<0.01
E5151642 (6878576)	<0.01	1.67	6.2	277	5.0	6.1	<0.001	0.013	0.12	2.2	<0.2	0.3	25.7	<0.01
E5151643 (6878577)	<0.01	1.51	8.6	518	4.1	5.4	0.001	0.013	0.19	2.3	<0.2	0.2	22.1	<0.01
E5151644 (6878578)	<0.01	1.12	7.2	250	4.2	5.9	<0.001	0.008	0.16	2.2	<0.2	0.2	18.3	<0.01

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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5151645 (6878579)	<0.01	2.81	6.2	1080	11.6	5.3	<0.001	0.020	0.22	2.0	<0.2	0.4	22.4	0.01
E5151646 (6878580)	<0.01	1.41	4.7	790	11.0	6.5	<0.001	0.012	0.23	1.5	<0.2	0.3	11.5	<0.01
E5151647 (6878581)	<0.01	1.25	10.0	377	15.9	6.8	<0.001	0.025	0.23	2.4	<0.2	0.2	28.5	<0.01
E5151648 (6878582)	<0.01	1.75	13.0	1300	18.9	7.7	<0.001	0.013	0.57	2.7	<0.2	0.4	13.9	<0.01
E5151649 (6878583)	<0.01	1.22	17.6	841	27.2	7.6	<0.001	0.011	0.79	3.1	0.2	0.2	10.5	<0.01
E5151650 (6878584)	<0.01	1.52	11.6	1140	22.1	6.9	0.001	0.014	0.53	3.3	<0.2	0.3	10.5	<0.01
E5151651 (6878585)	<0.01	1.41	13.4	1530	27.2	8.1	<0.001	0.013	0.50	3.2	0.2	0.2	9.2	<0.01
E5151652 (6878586)	<0.01	1.41	12.4	1150	24.7	5.1	<0.001	0.012	0.38	3.5	0.2	0.3	11.2	<0.01
E5151653 (6878587)	0.01	0.85	9.9	783	19.5	3.6	0.001	0.081	0.30	3.1	0.7	<0.2	31.9	<0.01
E5151654 (6878588)	0.01	1.50	27.6	508	46.4	11.4	<0.001	0.029	0.91	12.4	1.0	0.4	44.7	<0.01
E5151655 (6878589)	<0.01	1.38	12.3	672	23.9	7.4	<0.001	0.015	0.34	2.3	<0.2	0.3	16.0	<0.01
E5151656 (6878590)	<0.01	1.39	10.7	229	24.4	6.1	<0.001	0.013	0.46	3.0	0.2	0.3	19.8	<0.01
E5151657 (6878591)	<0.01	1.21	11.6	317	25.2	8.1	<0.001	0.021	0.97	3.6	0.3	0.2	21.6	<0.01
E5151658 (6878592)	<0.01	1.26	11.3	534	10.6	6.4	<0.001	0.014	0.46	2.2	<0.2	0.3	11.6	<0.01
E5151659 (6878593)	<0.01	0.86	4.7	275	10.3	7.1	<0.001	0.007	0.33	1.6	<0.2	0.2	9.1	<0.01
E5151812 (6878594)	<0.01	0.28	7.5	713	9.9	5.8	<0.001	0.011	1.53	2.2	<0.2	<0.2	5.9	<0.01
E5151813 (6878595)	<0.01	0.41	3.5	541	6.5	6.6	<0.001	0.010	0.72	1.3	<0.2	0.2	6.8	<0.01
E5151814 (6878596)	<0.01	0.55	2.2	143	8.0	3.9	<0.001	0.007	1.26	1.3	<0.2	0.3	6.6	<0.01
E5151815 (6878597)	<0.01	0.31	3.5	612	14.8	6.2	<0.001	0.007	5.37	1.8	<0.2	<0.2	6.6	<0.01
E5151816 (6878598)	<0.01	0.76	5.5	1050	22.1	7.4	<0.001	0.009	0.77	1.9	<0.2	<0.2	6.7	<0.01
E5151817 (6878599)	<0.01	0.99	10.9	1420	21.0	7.5	<0.001	0.013	1.17	2.0	<0.2	0.2	8.0	<0.01
E5151818 (6878600)	<0.01	0.98	7.4	320	11.6	4.9	<0.001	0.017	0.64	2.5	<0.2	0.2	14.4	<0.01
E5151820 (6878601)	<0.01	0.36	5.7	651	6.1	7.6	<0.001	0.023	0.59	1.0	<0.2	<0.2	14.7	<0.01
E5151822 (6878602)	<0.01	1.23	4.8	754	11.2	3.7	<0.001	0.013	0.36	1.2	<0.2	0.2	9.4	<0.01
E5151823 (6878603)	<0.01	1.42	15.7	822	20.3	7.3	<0.001	0.024	0.64	2.9	<0.2	0.3	17.5	<0.01
E5151824 (6878604)	<0.01	1.65	11.5	311	26.8	7.6	<0.001	0.018	0.33	2.9	<0.2	0.3	16.4	<0.01
E5151825 (6878605)	<0.01	3.04	15.3	1270	33.8	8.3	<0.001	0.031	0.60	5.5	0.3	0.6	34.4	<0.01
E5151826 (6878606)	<0.01	1.30	13.8	1110	37.2	7.6	<0.001	0.011	0.72	2.9	<0.2	0.3	9.5	<0.01
E5151827 (6878607)	<0.01	1.45	16.1	1270	52.3	8.4	<0.001	0.012	0.66	3.5	0.2	0.3	10.0	<0.01
E5151828 (6878608)	<0.01	2.13	9.3	1570	24.3	8.6	<0.001	0.014	0.37	2.7	<0.2	0.3	10.4	0.01
E5151829 (6878609)	<0.01	1.54	11.3	1170	15.4	8.1	<0.001	0.011	0.47	3.0	<0.2	0.3	12.5	<0.01
E5151830 (6878610)	<0.01	1.62	16.1	1110	6.2	5.5	<0.001	0.011	0.22	4.3	<0.2	0.3	12.4	<0.01

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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5151831 (6878611)	<0.01	1.26	13.6	1130	14.2	7.0	<0.001	0.013	0.51	3.2	<0.2	0.3	14.6	<0.01
E5151832 (6878612)	0.01	0.88	9.7	492	16.5	6.4	<0.001	0.014	0.35	2.8	<0.2	0.2	20.0	<0.01
E5151833 (6878613)	<0.01	1.50	3.3	182	9.8	5.8	<0.001	0.014	0.21	1.6	<0.2	0.4	19.2	<0.01
E5151834 (6878614)	<0.01	1.87	4.3	468	9.8	7.0	<0.001	0.012	0.20	1.6	<0.2	0.4	19.4	<0.01
E5151835 (6878615)	<0.01	1.52	8.5	280	42.0	8.4	<0.001	0.012	0.19	2.5	<0.2	0.3	17.5	<0.01
E5151836 (6878616)	<0.01	1.31	23.7	538	364	8.0	<0.001	0.048	0.92	11.7	1.7	0.3	53.3	0.01
E5151837 (6878617)	0.01	1.71	17.1	642	102	10.1	<0.001	0.035	0.45	3.9	0.3	0.3	37.5	<0.01
E5151838 (6878618)	<0.01	1.44	16.0	457	84.3	7.1	<0.001	0.040	0.55	4.7	0.5	0.3	55.4	<0.01
E5151839 (6878619)	0.03	1.90	26.0	1280	40.1	7.0	0.001	0.091	0.38	6.4	1.9	0.3	64.9	0.02
E5151840 (6878620)	<0.01	1.74	12.2	461	13.1	7.9	<0.001	0.011	0.20	2.6	<0.2	0.3	17.2	<0.01
E5151841 (6878621)	0.02	2.04	12.3	759	7.3	2.9	<0.001	0.069	0.17	4.1	0.8	0.3	55.1	0.01
E5151842 (6878622)	0.01	1.64	12.5	414	7.2	5.8	<0.001	0.015	0.22	3.6	<0.2	0.3	21.4	<0.01
E5151843 (6878623)	0.01	1.81	13.4	361	6.3	4.9	<0.001	0.017	0.20	3.5	0.2	0.3	24.9	<0.01
E5151844 (6878624)	<0.01	1.69	12.4	230	12.8	7.5	<0.001	0.012	0.24	2.6	<0.2	0.3	19.1	<0.01
E5151845 (6878625)	0.01	1.88	10.9	907	5.1	5.5	<0.001	0.015	0.19	2.9	<0.2	0.3	27.0	<0.01
E5151846 (6878626)	<0.01	1.53	7.9	782	5.4	5.2	<0.001	0.009	0.19	3.9	0.2	0.3	15.2	<0.01
E5151847 (6878627)	<0.01	1.70	8.8	710	5.7	6.0	<0.001	0.010	0.20	3.0	<0.2	0.3	21.2	<0.01
E5151665 (6878628)	<0.01	1.28	8.4	1140	17.6	7.7	<0.001	0.013	0.66	2.8	<0.2	0.2	9.9	<0.01
E5151666 (6878629)	0.02	0.52	17.1	839	16.7	7.4	<0.001	0.059	1.80	1.9	<0.2	0.2	55.0	<0.01
E5151667 (6878630)	<0.01	0.97	4.3	818	13.8	6.6	<0.001	0.013	0.31	1.5	<0.2	0.3	10.1	<0.01
E5151668 (6878631)	<0.01	0.71	3.4	318	7.8	6.6	<0.001	0.014	0.39	1.1	<0.2	0.2	12.6	<0.01
E5151669 (6878632)	<0.01	0.76	2.6	482	7.3	4.6	<0.001	0.012	0.32	0.9	<0.2	0.3	6.9	<0.01
E5151670 (6878633)	<0.01	0.99	7.6	548	11.7	7.4	<0.001	0.025	0.49	1.7	<0.2	0.3	12.7	<0.01
E5151671 (6878634)	<0.01	1.39	11.6	738	30.6	8.3	<0.001	0.021	0.46	2.3	<0.2	0.3	16.7	<0.01
E5151672 (6878635)	<0.01	1.20	10.2	685	29.5	7.8	<0.001	0.015	0.41	2.1	<0.2	0.3	16.9	<0.01
E5151673 (6878636)	0.02	2.22	16.4	790	41.2	8.5	<0.001	0.058	0.64	4.9	0.6	0.4	53.9	<0.01
E5151674 (6878637)	<0.01	1.49	14.1	1280	40.1	8.2	<0.001	0.012	0.50	2.9	<0.2	0.3	10.1	<0.01
E5151675 (6878638)	<0.01	1.29	4.9	865	19.0	8.6	<0.001	0.007	0.20	1.4	<0.2	0.3	8.8	<0.01
E5151676 (6878639)	<0.01	2.80	12.5	1570	12.1	6.0	<0.001	0.018	0.29	3.4	<0.2	0.5	12.8	<0.01
E5151677 (6878640)	<0.01	2.16	6.8	645	13.5	3.6	<0.001	0.013	0.19	1.8	<0.2	0.5	8.3	<0.01
E5151678 (6878641)	<0.01	1.69	18.4	1470	17.5	7.8	<0.001	0.012	0.79	3.4	<0.2	0.3	11.5	<0.01
E5151679 (6878642)	<0.01	1.68	11.1	1850	16.4	5.9	<0.001	0.015	0.59	2.8	<0.2	0.4	12.2	<0.01

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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01
E5151680 (6878643)	<0.01	1.82	9.5	1080	13.1	7.0	<0.001	0.014	0.36	3.2	<0.2	0.3	11.3	<0.01
E5151681 (6878644)	<0.01	1.28	11.0	414	82.7	10.5	<0.001	0.033	1.02	4.1	0.4	0.3	36.7	<0.01
E5151682 (6878645)	<0.01	1.59	17.2	582	419	10.7	<0.001	0.044	0.95	4.7	0.5	0.3	47.7	<0.01
E5151683 (6878646)	0.01	1.75	12.3	826	94.9	8.5	<0.001	0.068	0.47	4.2	0.8	0.3	66.2	0.01
E5151684 (6878647)	0.01	2.40	28.9	822	170	7.8	0.001	0.049	0.75	9.8	1.3	0.4	58.6	0.01
E5151685 (6878648)	<0.01	1.46	9.3	743	42.2	8.1	<0.001	0.018	0.33	2.4	<0.2	0.3	17.1	<0.01
E5151686 (6878649)	<0.01	1.72	10.4	1000	14.1	6.4	<0.001	0.013	0.22	2.6	<0.2	0.3	17.3	<0.01
E5151687 (6878650)	<0.01	2.27	14.6	2360	10.1	6.6	<0.001	0.017	0.23	3.5	<0.2	0.4	19.2	<0.01
E5151688 (6878651)	<0.01	2.62	8.7	751	7.4	4.8	<0.001	0.019	0.16	2.5	<0.2	0.5	21.8	<0.01
E5151689 (6878652)	<0.01	0.96	18.1	511	13.2	4.7	<0.001	0.044	0.81	3.0	0.3	0.3	37.2	<0.01
E5151690 (6878653)	<0.01	1.07	8.8	493	7.6	8.7	<0.001	0.015	0.24	1.8	<0.2	0.2	15.6	<0.01
E5151691 (6878654)	<0.01	2.13	9.3	2450	6.2	5.3	<0.001	0.014	0.21	2.5	<0.2	0.3	16.1	<0.01
E5151692 (6878655)	<0.01	1.74	5.8	193	7.1	5.2	<0.001	0.013	0.17	2.2	<0.2	0.4	25.2	<0.01
E5151693 (6878656)	<0.01	2.30	9.5	692	15.4	8.1	<0.001	0.020	0.24	2.7	<0.2	0.5	32.3	<0.01
E5151694 (6878657)	<0.01	1.29	5.9	630	14.8	7.2	<0.001	0.016	0.20	2.0	<0.2	0.3	16.7	<0.01
E5151695 (6878658)	<0.01	1.52	17.5	581	148	9.6	<0.001	0.038	0.63	5.2	0.4	0.3	43.8	<0.01
E5151696 (6878659)	<0.01	1.77	15.6	629	65.1	8.8	<0.001	0.056	0.64	4.0	0.4	0.3	51.6	<0.01
E5151697 (6878660)	<0.01	1.18	11.2	346	52.4	9.0	<0.001	0.021	0.37	3.1	0.2	0.3	26.8	<0.01
E5151698 (6878661)	0.01	1.65	9.7	426	18.6	6.9	<0.001	0.025	0.22	2.3	<0.2	0.3	27.8	<0.01
E5151699 (6878662)	0.02	1.89	10.3	302	9.6	4.5	<0.001	0.035	0.19	3.9	0.2	0.3	42.3	<0.01
E5151700 (6878663)	<0.01	1.59	11.8	362	8.8	4.9	<0.001	0.014	0.17	3.0	<0.2	0.4	17.8	<0.01
E5151701 (6878664)	0.02	1.53	12.7	591	7.5	5.2	<0.001	0.073	0.31	3.8	0.4	0.3	56.0	0.01
E5151702 (6878665)	<0.01	1.28	15.5	400	11.8	6.3	<0.001	0.018	0.37	3.0	<0.2	0.2	19.2	<0.01
E5151703 (6878666)	0.03	1.35	9.6	356	6.9	6.6	<0.001	0.018	0.30	2.9	<0.2	0.2	29.9	<0.01
E5151704 (6878667)	<0.01	2.50	8.1	3680	6.0	6.9	<0.001	0.023	0.17	2.8	<0.2	0.4	33.0	<0.01

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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
E5151613 (6878547)	0.01	0.6	0.055	0.04	0.20	29.1	0.37	1.68	38.8	0.5
E5151614 (6878548)	0.02	1.5	0.074	0.05	0.38	64.2	0.26	3.46	39.7	1.9
E5151615 (6878549)	0.03	1.0	0.042	0.06	0.27	83.6	0.29	2.03	68.3	1.8
E5151616 (6878550)	0.03	2.5	0.068	0.07	0.44	70.2	0.25	3.85	61.7	4.4
E5151617 (6878551)	0.03	1.5	0.074	0.06	0.35	71.6	0.23	3.98	82.8	5.2
E5151618 (6878552)	0.03	1.4	0.042	0.08	0.36	53.6	0.27	2.43	140	3.4
E5151619 (6878553)	0.05	1.4	0.019	0.13	0.38	63.4	0.28	2.40	217	2.1
E5151620 (6878554)	0.05	1.2	0.028	0.12	0.27	55.2	0.27	1.66	119	2.1
E5151621 (6878555)	0.05	0.9	0.044	0.07	0.48	53.4	0.39	5.30	110	1.6
E5151622 (6878556)	0.04	0.6	0.046	0.06	0.21	64.9	0.36	1.54	85.6	0.7
E5151623 (6878557)	0.04	0.8	0.007	0.09	0.48	39.3	0.15	3.40	254	1.3
E5151624 (6878558)	0.04	0.8	0.024	0.06	0.23	48.8	0.20	1.93	94.3	0.8
E5151625 (6878559)	0.03	0.2	0.006	0.07	0.40	24.0	0.16	3.98	42.3	0.5
E5151626 (6878560)	0.01	0.2	0.007	0.04	0.14	14.3	0.12	1.24	40.8	<0.5
E5151627 (6878561)	0.04	1.1	0.021	0.03	0.36	41.0	0.27	4.52	58.1	1.5
E5151628 (6878562)	0.04	1.6	0.021	0.03	0.44	33.3	0.30	7.15	43.1	0.9
E5151629 (6878563)	0.03	1.2	<0.005	0.04	0.21	17.9	0.15	4.89	45.1	0.6
E5151630 (6878564)	0.06	0.5	0.037	0.06	0.19	45.0	0.39	1.33	299	0.9
E5151631 (6878565)	0.04	0.7	0.078	0.04	0.21	73.8	0.25	1.42	143	1.1
E5151632 (6878566)	0.05	0.5	0.016	0.08	0.37	53.1	0.24	3.69	260	1.4
E5151633 (6878567)	0.04	0.6	0.026	0.08	0.21	53.2	0.17	2.54	150	1.0
E5151634 (6878568)	0.06	0.4	0.035	0.06	0.15	45.5	0.18	1.30	212	0.5
E5151635 (6878569)	0.13	0.2	0.039	0.04	0.18	43.8	0.17	2.51	88.7	<0.5
E5151636 (6878570)	0.14	0.3	0.030	0.08	2.55	36.5	0.21	29.0	36.4	2.3
E5151637 (6878571)	0.07	0.7	0.061	0.11	1.08	54.9	0.16	18.5	27.9	3.6
E5151638 (6878572)	0.06	0.5	0.034	0.07	5.29	55.6	0.18	19.0	24.6	2.5
E5151639 (6878573)	0.02	0.5	0.046	0.04	0.20	40.9	0.12	1.48	46.2	<0.5
E5151640 (6878574)	0.02	1.0	0.080	0.04	0.27	63.7	0.17	2.72	51.8	2.7
E5151641 (6878575)	0.01	0.9	0.077	0.03	0.18	50.7	0.18	1.62	29.9	2.3
E5151642 (6878576)	0.05	0.9	0.085	0.04	0.19	53.9	0.10	2.24	31.8	3.0
E5151643 (6878577)	0.04	0.9	0.075	0.04	0.22	62.7	0.13	2.43	34.3	3.2
E5151644 (6878578)	0.03	1.1	0.075	0.05	0.24	62.8	0.13	2.43	30.9	2.9

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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
E5151645 (6878579)	0.04	1.1	0.067	0.04	0.27	66.1	0.29	2.41	77.7	3.1
E5151646 (6878580)	0.03	0.8	0.054	0.05	0.25	40.0	0.17	1.88	40.2	1.1
E5151647 (6878581)	0.03	0.5	0.029	0.06	0.34	49.7	0.21	3.54	51.1	0.7
E5151648 (6878582)	0.04	1.0	0.034	0.06	0.29	88.3	0.31	1.95	84.6	2.1
E5151649 (6878583)	0.03	1.4	0.052	0.07	0.35	60.8	0.33	3.16	102	3.4
E5151650 (6878584)	0.03	1.5	0.037	0.09	0.39	58.5	0.32	3.73	98.2	3.7
E5151651 (6878585)	0.05	1.6	0.031	0.09	0.37	54.2	0.28	3.47	169	3.6
E5151652 (6878586)	0.04	1.7	0.050	0.08	0.46	57.1	0.22	3.49	102	3.4
E5151653 (6878587)	0.04	0.6	0.028	0.11	1.26	48.4	0.34	10.2	66.3	2.2
E5151654 (6878588)	0.06	2.6	0.023	0.31	2.85	77.2	0.38	35.2	165	6.1
E5151655 (6878589)	0.05	0.7	0.037	0.07	0.26	60.9	0.53	2.40	122	0.7
E5151656 (6878590)	0.04	0.8	0.043	0.08	0.45	51.7	0.16	7.95	77.5	1.2
E5151657 (6878591)	0.04	0.6	0.018	0.09	0.43	42.6	0.14	6.30	111	1.0
E5151658 (6878592)	0.03	0.6	0.014	0.08	0.19	52.1	0.19	1.92	93.2	0.8
E5151659 (6878593)	0.01	0.6	0.030	0.06	0.16	45.0	0.27	1.57	75.2	0.9
E5151812 (6878594)	0.01	0.5	<0.005	0.08	0.37	15.7	0.16	1.56	73.6	1.5
E5151813 (6878595)	0.01	0.5	0.007	0.05	0.24	26.8	0.70	1.22	44.0	1.0
E5151814 (6878596)	0.02	0.8	0.023	0.04	0.32	37.8	0.64	1.30	26.3	1.2
E5151815 (6878597)	0.01	0.5	<0.005	0.08	0.17	21.9	0.22	1.73	76.7	0.7
E5151816 (6878598)	0.02	0.8	0.013	0.10	0.35	37.2	0.28	1.91	82.9	1.6
E5151817 (6878599)	0.02	0.7	0.010	0.12	0.47	42.3	0.24	2.68	147	1.3
E5151818 (6878600)	0.02	0.6	0.023	0.07	0.20	57.0	0.17	2.16	74.2	0.9
E5151820 (6878601)	0.02	0.4	<0.005	0.08	0.17	19.9	0.10	3.08	68.6	0.6
E5151822 (6878602)	0.02	0.5	0.019	0.05	0.13	48.7	0.20	1.12	73.1	1.2
E5151823 (6878603)	0.03	0.8	0.035	0.08	0.28	57.0	0.27	3.22	97.5	1.5
E5151824 (6878604)	0.05	0.9	0.041	0.09	0.30	58.3	0.20	4.90	158	1.5
E5151825 (6878605)	0.07	1.5	0.044	0.18	0.67	82.4	0.65	5.28	331	3.6
E5151826 (6878606)	0.07	1.3	0.029	0.13	0.32	56.1	0.23	2.69	149	3.8
E5151827 (6878607)	0.09	1.5	0.024	0.13	0.40	60.1	0.27	4.15	236	3.2
E5151828 (6878608)	0.05	1.4	0.038	0.09	0.36	57.1	0.34	2.54	87.4	4.1
E5151829 (6878609)	0.04	1.1	0.035	0.09	0.29	57.7	0.26	2.55	91.5	2.5
E5151830 (6878610)	0.03	1.4	0.093	0.04	0.33	77.4	0.19	3.44	49.6	5.6

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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
E5151831 (6878611)	0.04	1.2	0.052	0.06	0.32	68.6	0.39	3.47	71.6	3.2
E5151832 (6878612)	0.02	1.2	0.053	0.07	0.38	44.4	0.23	4.30	45.8	1.0
E5151833 (6878613)	0.02	0.6	0.073	0.05	0.27	47.2	0.23	2.85	48.8	0.7
E5151834 (6878614)	0.02	0.8	0.069	0.03	0.21	52.2	0.25	1.74	51.9	1.3
E5151835 (6878615)	0.02	0.8	0.074	0.06	0.34	52.5	0.11	3.80	160	1.2
E5151836 (6878616)	0.17	1.9	0.012	0.08	3.75	47.4	0.18	57.9	721	5.2
E5151837 (6878617)	0.08	0.9	0.034	0.09	0.41	67.1	0.18	7.79	316	2.1
E5151838 (6878618)	0.07	0.9	0.022	0.09	0.58	64.3	0.23	17.7	213	2.9
E5151839 (6878619)	0.07	0.9	0.048	0.12	1.86	63.4	0.26	51.6	84.5	6.3
E5151840 (6878620)	0.03	0.7	0.096	0.04	0.22	72.1	0.19	2.27	58.3	1.3
E5151841 (6878621)	0.04	0.5	0.055	0.04	1.63	60.4	0.17	16.2	40.9	2.0
E5151842 (6878622)	0.02	0.8	0.090	0.06	0.25	75.3	0.17	3.08	43.0	1.5
E5151843 (6878623)	0.03	0.8	0.080	0.04	0.29	79.0	0.19	4.24	60.7	1.9
E5151844 (6878624)	0.02	0.9	0.070	0.06	0.29	60.4	0.12	2.56	51.0	1.9
E5151845 (6878625)	0.02	1.3	0.091	0.05	0.32	70.0	0.14	3.22	48.4	3.7
E5151846 (6878626)	0.02	1.8	0.100	0.06	0.44	62.2	0.15	5.06	37.2	4.7
E5151847 (6878627)	0.02	1.6	0.101	0.06	0.34	63.5	0.13	3.49	38.2	4.1
E5151665 (6878628)	0.03	1.2	0.036	0.08	0.31	55.3	0.31	2.41	60.2	2.6
E5151666 (6878629)	0.02	0.4	0.047	0.12	0.15	70.1	0.28	1.19	229	1.2
E5151667 (6878630)	0.02	0.6	0.027	0.07	0.19	45.5	0.23	1.31	59.6	<0.5
E5151668 (6878631)	0.02	0.4	0.014	0.05	0.10	41.4	0.19	1.11	65.1	0.6
E5151669 (6878632)	0.01	0.4	0.020	0.07	0.11	37.2	0.15	0.80	36.7	<0.5
E5151670 (6878633)	0.02	0.5	0.019	0.07	0.15	47.7	0.19	1.69	70.2	1.2
E5151671 (6878634)	0.06	0.6	0.033	0.08	0.27	62.1	0.28	2.46	111	0.7
E5151672 (6878635)	0.04	0.6	0.041	0.07	0.26	57.9	0.19	2.26	80.5	0.7
E5151673 (6878636)	0.07	0.9	0.046	0.13	0.81	67.7	0.37	12.2	221	2.1
E5151674 (6878637)	0.11	1.3	0.037	0.10	0.33	59.4	0.25	2.63	163	3.8
E5151675 (6878638)	0.04	0.8	0.030	0.08	0.18	43.4	0.17	1.21	83.9	1.0
E5151676 (6878639)	0.03	1.3	0.073	0.06	0.30	66.4	0.40	2.50	75.1	3.8
E5151677 (6878640)	0.02	0.9	0.069	0.04	0.21	45.9	0.22	1.52	33.3	1.8
E5151678 (6878641)	0.04	1.6	0.049	0.06	0.34	60.8	0.33	3.22	67.0	4.8
E5151679 (6878642)	0.04	1.1	0.035	0.07	0.32	87.7	0.28	2.04	99.7	1.0

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AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

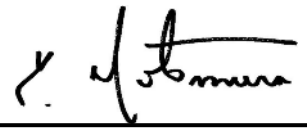
DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Soil

Analyte:	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
E5151680 (6878643)	0.07	1.3	0.062	0.06	0.28	67.7	0.70	3.08	78.3	3.8
E5151681 (6878644)	0.14	0.9	0.013	0.12	1.03	51.8	0.18	13.8	456	1.8
E5151682 (6878645)	0.10	0.9	0.032	0.09	1.21	53.5	0.19	25.6	945	1.4
E5151683 (6878646)	0.06	0.8	0.033	0.08	1.31	45.9	0.16	15.9	232	2.6
E5151684 (6878647)	0.07	3.1	0.044	0.15	1.99	74.0	0.31	54.1	378	5.8
E5151685 (6878648)	0.05	0.7	0.057	0.07	0.25	60.6	0.18	2.71	160	1.0
E5151686 (6878649)	0.04	1.0	0.082	0.04	0.26	60.6	0.18	2.59	49.6	2.5
E5151687 (6878650)	0.03	1.2	0.077	0.04	0.32	75.8	0.27	3.67	59.2	1.9
E5151688 (6878651)	0.02	0.8	0.089	0.03	0.23	74.2	0.26	2.39	44.4	1.4
E5151689 (6878652)	0.03	0.4	0.014	0.07	0.29	66.5	0.17	3.86	45.7	0.9
E5151690 (6878653)	0.03	0.7	0.033	0.05	0.18	49.7	0.12	1.76	51.6	0.6
E5151691 (6878654)	0.03	1.4	0.085	0.04	0.29	73.3	0.22	2.38	61.1	3.5
E5151692 (6878655)	0.02	1.1	0.105	0.04	0.42	53.4	0.14	2.30	35.2	2.5
E5151693 (6878656)	0.03	0.8	0.049	0.07	0.35	64.3	0.36	3.77	105	0.7
E5151694 (6878657)	0.02	0.8	0.051	0.04	0.30	44.4	0.19	2.78	57.7	1.3
E5151695 (6878658)	0.05	1.2	0.019	0.11	1.09	58.8	0.26	13.0	317	3.0
E5151696 (6878659)	0.05	0.7	0.039	0.08	0.65	52.6	0.20	19.7	249	2.6
E5151697 (6878660)	0.05	0.9	0.029	0.11	0.42	56.7	0.20	5.73	193	1.2
E5151698 (6878661)	0.03	0.6	0.066	0.05	0.31	61.0	0.20	5.42	65.2	0.9
E5151699 (6878662)	0.02	1.0	0.073	0.06	0.55	67.4	0.18	6.64	50.4	2.3
E5151700 (6878663)	0.02	0.8	0.079	0.04	0.27	65.9	0.14	2.88	50.3	2.0
E5151701 (6878664)	0.02	0.6	0.050	0.05	0.66	48.5	0.18	13.4	33.9	1.8
E5151702 (6878665)	0.03	0.8	0.057	0.05	0.23	68.9	0.21	3.15	47.6	1.0
E5151703 (6878666)	0.02	0.9	0.080	0.04	0.26	64.2	0.19	3.32	39.6	2.4
E5151704 (6878667)	0.02	1.3	0.087	0.03	0.30	57.8	0.15	3.66	88.3	3.0

Comments: RDL - Reported Detection Limit

6878547-6878667 Au determination by this method is semi-quantitative due to small sample size.

Certified By:



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Certificate of Analysis

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

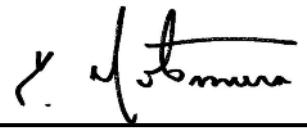
(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Aug 19, 2015 | DATE RECEIVED: Aug 19, 2015 | DATE REPORTED: Sep 04, 2015 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
E5151568 (6878668)	1.06	0.008

Comments: RDL - Reported Detection Limit

Certified By:



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Quality Assurance - Replicate

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	6878547	0.10	0.12	18.2%	6878563	0.036	0.033	8.7%	6878580	0.16	0.14	13.3%	6878597	0.13	0.14	7.4%
Al	6878547	0.46	0.46	0.0%	6878563	0.607	0.573	5.8%	6878580	0.81	0.79	2.5%	6878597	0.831	0.845	1.7%
As	6878547	3.3	3.0	9.5%	6878563	53.7	49.7	7.7%	6878580	2.7	2.7	0.0%	6878597	10.7	11.1	3.7%
Au	6878547	0.009	< 0.005		6878563	< 0.005	< 0.005	0.0%	6878580	< 0.005	< 0.005	0.0%	6878597	< 0.005	< 0.005	0.0%
B	6878547	< 5	< 5	0.0%	6878563	< 5	< 5	0.0%	6878580	< 5	< 5	0.0%	6878597	< 5	< 5	0.0%
Ba	6878547	49	49	0.0%	6878563	91	87	4.5%	6878580	61	60	1.7%	6878597	82	81	1.2%
Be	6878547	0.07	0.07	0.0%	6878563	0.380	0.363	4.6%	6878580	0.16	0.16	0.0%	6878597	0.379	0.370	2.4%
Bi	6878547	0.183	0.186	1.6%	6878563	0.071	0.063	11.9%	6878580	0.106	0.100	5.8%	6878597	0.05	0.05	0.0%
Ca	6878547	0.164	0.168	2.4%	6878563	0.09	0.09	0.0%	6878580	0.114	0.115	0.9%	6878597	0.04	0.04	0.0%
Cd	6878547	0.18	0.18	0.0%	6878563	0.107	0.103	3.8%	6878580	0.10	0.10	0.0%	6878597	0.20	0.20	0.0%
Ce	6878547	6.03	6.11	1.3%	6878563	10.2	8.73	15.5%	6878580	7.07	7.21	2.0%	6878597	5.92	6.13	3.5%
Co	6878547	2.8	2.8	0.0%	6878563	3.0	2.8	6.9%	6878580	4.6	4.6	0.0%	6878597	3.4	3.4	0.0%
Cr	6878547	7.92	8.01	1.1%	6878563	7.1	6.3	11.9%	6878580	9.8	9.6	2.1%	6878597	7.22	8.16	12.2%
Cs	6878547	0.70	0.67	4.4%	6878563	5.84	5.19	11.8%	6878580	1.67	1.69	1.2%	6878597	3.32	3.24	2.4%
Cu	6878547	4.0	3.6	10.5%	6878563	1.42	1.34	5.8%	6878580	4.8	4.6	4.3%	6878597	30.3	30.2	0.3%
Fe	6878547	0.94	0.95	1.1%	6878563	2.59	2.17	17.6%	6878580	1.57	1.57	0.0%	6878597	2.34	2.37	1.3%
Ga	6878547	3.18	3.22	1.3%	6878563	1.01	0.87	14.9%	6878580	3.45	3.45	0.0%	6878597	1.44	1.51	4.7%
Ge	6878547	0.07	0.07	0.0%	6878563	0.06	0.06	0.0%	6878580	0.05	0.05	0.0%	6878597	0.06	0.06	0.0%
Hf	6878547	< 0.02	< 0.02	0.0%	6878563	< 0.02	< 0.02	0.0%	6878580	0.03	0.03	0.0%	6878597	< 0.02	< 0.02	0.0%
Hg	6878547	0.02	0.02	0.0%	6878563	0.02	0.02	0.0%	6878580	0.023	0.028	19.6%	6878597	0.026	0.023	12.2%
In	6878547	0.007	0.007	0.0%	6878563	0.046	0.045	2.2%	6878580	0.011	0.011	0.0%	6878597	0.0207	0.0190	8.6%
K	6878547	0.04	0.04	0.0%	6878563	0.035	0.032	9.0%	6878580	0.03	0.03	0.0%	6878597	0.03	0.03	0.0%
La	6878547	3.99	4.08	2.2%	6878563	5.73	4.83	17.0%	6878580	4.38	4.55	3.8%	6878597	3.8	4.0	5.1%
Li	6878547	2.1	2.1	0.0%	6878563	2.88	2.40	18.2%	6878580	4.8	4.7	2.1%	6878597	8.7	8.7	0.0%
Mg	6878547	0.134	0.136	1.5%	6878563	0.045	0.038	16.9%	6878580	0.18	0.18	0.0%	6878597	0.10	0.10	0.0%
Mn	6878547	120	126	4.9%	6878563	313	285	9.4%	6878580	162	157	3.1%	6878597	162	165	1.8%
Mo	6878547	0.70	0.65	7.4%	6878563	0.82	0.70	15.8%	6878580	0.61	0.61	0.0%	6878597	8.86	8.80	0.7%
Na	6878547	< 0.01	< 0.01	0.0%	6878563	< 0.01	< 0.01	0.0%	6878580	< 0.01	< 0.01	0.0%	6878597	< 0.01	< 0.01	0.0%
Nb	6878547	1.01	0.98	3.0%	6878563	0.23	0.21	9.1%	6878580	1.41	1.41	0.0%	6878597	0.31	0.31	0.0%
Ni	6878547	4.03	3.94	2.3%	6878563	4.0	3.5	13.3%	6878580	4.7	4.8	2.1%	6878597	3.54	4.75	29.2%
P	6878547	189	239	23.4%	6878563	1080	1080	0.0%	6878580	790	838	5.9%	6878597	612	654	6.6%

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Pb	6878547	12.3	12.0	2.5%	6878563	12.7	11.9	6.5%	6878580	11.0	11.0	0.0%	6878597	14.8	15.1	2.0%
Rb	6878547	5.3	5.3	0.0%	6878563	4.17	3.62	14.1%	6878580	6.5	6.4	1.6%	6878597	6.24	6.38	2.2%
Re	6878547	< 0.001	< 0.001	0.0%	6878563	< 0.001	< 0.001	0.0%	6878580	< 0.001	< 0.001	0.0%	6878597	< 0.001	< 0.001	0.0%
S	6878547	0.012	0.013	8.0%	6878563	0.010	0.006		6878580	0.0120	0.0146	19.5%	6878597	0.0072	0.0090	22.2%
Sb	6878547	0.217	0.199	8.7%	6878563	1.64	1.47	10.9%	6878580	0.23	0.24	4.3%	6878597	5.37	5.59	4.0%
Sc	6878547	1.2	1.2	0.0%	6878563	3.3	3.1	6.3%	6878580	1.5	1.5	0.0%	6878597	1.8	1.8	0.0%
Se	6878547	< 0.2	< 0.2	0.0%	6878563	< 0.2	< 0.2	0.0%	6878580	< 0.2	< 0.2	0.0%	6878597	< 0.2	< 0.2	0.0%
Sn	6878547	0.3	0.3	0.0%	6878563	0.31	0.25	21.4%	6878580	0.3	0.3	0.0%	6878597	< 0.2	< 0.2	0.0%
Sr	6878547	13.6	11.9	13.3%	6878563	8.36	7.14	15.7%	6878580	11.5	9.8	16.0%	6878597	6.6	6.8	3.0%
Ta	6878547	< 0.01	< 0.01	0.0%	6878563	< 0.01	< 0.01	0.0%	6878580	< 0.01	< 0.01	0.0%	6878597	< 0.01	< 0.01	0.0%
Te	6878547	0.01	0.01	0.0%	6878563	0.028	0.021	28.6%	6878580	0.030	0.024	22.2%	6878597	0.01	0.01	0.0%
Th	6878547	0.55	0.47	15.7%	6878563	1.2	1.1	8.7%	6878580	0.8	0.8	0.0%	6878597	0.5	0.5	0.0%
Ti	6878547	0.055	0.056	1.8%	6878563	< 0.005	< 0.005	0.0%	6878580	0.054	0.054	0.0%	6878597	0.005	0.005	0.0%
Tl	6878547	0.04	0.04	0.0%	6878563	0.035	0.032	9.0%	6878580	0.05	0.05	0.0%	6878597	0.084	0.086	2.4%
U	6878547	0.20	0.20	0.0%	6878563	0.206	0.188	9.1%	6878580	0.25	0.25	0.0%	6878597	0.17	0.17	0.0%
V	6878547	29.1	29.8	2.4%	6878563	17.9	15.9	11.8%	6878580	40.0	40.2	0.5%	6878597	21.9	23.2	5.8%
W	6878547	0.37	0.31	17.6%	6878563	0.15	0.13	14.3%	6878580	0.17	0.17	0.0%	6878597	0.216	0.213	1.4%
Y	6878547	1.68	1.63	3.0%	6878563	4.89	4.35	11.7%	6878580	1.88	1.89	0.5%	6878597	1.73	1.77	2.3%
Zn	6878547	38.8	39.4	1.5%	6878563	45.1	43.3	4.1%	6878580	40.2	39.3	2.3%	6878597	76.7	76.5	0.3%
Zr	6878547	0.5	0.5	0.0%	6878563	0.6	0.6	0.0%	6878580	1.1	1.1	0.0%	6878597	0.7	0.6	15.4%
	REPLICATE #5				REPLICATE #6				REPLICATE #7				REPLICATE #8			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	6878622	0.17	0.11		6878639	0.635	0.754	17.1%	6878658	1.10	1.28	15.1%	6878667	0.06	0.03	
Al	6878622	1.46	1.45	0.7%	6878639	1.86	1.93	3.7%	6878658	1.72	1.78	3.4%	6878667	1.52	1.50	1.3%
As	6878622	5.3	5.5	3.7%	6878639	4.7	4.5	4.3%	6878658	9.8	9.6	2.1%	6878667	2.9	2.5	14.8%
Au	6878622	< 0.005	< 0.005	0.0%	6878639	< 0.005	< 0.005	0.0%	6878658	0.007	0.006	15.4%	6878667	< 0.005	< 0.005	0.0%
B	6878622	< 5	< 5	0.0%	6878639	< 5	< 5	0.0%	6878658	< 5	< 5	0.0%	6878667	< 5	< 5	0.0%
Ba	6878622	68	68	0.0%	6878639	70	70	0.0%	6878658	197	197	0.0%	6878667	113	112	0.9%
Be	6878622	0.294	0.302	2.7%	6878639	0.422	0.414	1.9%	6878658	0.66	0.67	1.5%	6878667	0.39	0.31	22.9%
Bi	6878622	0.09	0.09	0.0%	6878639	0.13	0.13	0.0%	6878658	0.876	0.852	2.8%	6878667	0.09	0.09	0.0%
Ca	6878622	0.27	0.26	3.8%	6878639	0.11	0.11	0.0%	6878658	0.58	0.59	1.7%	6878667	0.387	0.384	0.8%
Cd	6878622	0.084	0.086	2.4%	6878639	0.161	0.166	3.1%	6878658	0.823	0.829	0.7%	6878667	0.286	0.238	18.3%
Ce	6878622	7.23	6.88	5.0%	6878639	7.35	8.28	11.9%	6878658	12.9	13.2	2.3%	6878667	8.46	8.29	2.0%
Co	6878622	9.12	9.26	1.5%	6878639	8.5	8.5	0.0%	6878658	12.2	10.0	19.8%	6878667	8.67	7.49	14.6%

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Cr	6878622	22.9	22.4	2.2%	6878639	21.5	22.6	5.0%	6878658	23.6	23.4	0.9%	6878667	15.6	15.5	0.6%
Cs	6878622	1.05	1.02	2.9%	6878639	3.14	3.38	7.4%	6878658	3.23	3.31	2.4%	6878667	1.13	1.09	3.6%
Cu	6878622	17.9	17.3	3.4%	6878639	12.9	13.3	3.1%	6878658	29.7	29.6	0.3%	6878667	6.9	6.9	0.0%
Fe	6878622	2.67	2.66	0.4%	6878639	2.53	2.60	2.7%	6878658	3.45	3.49	1.2%	6878667	2.71	2.69	0.7%
Ga	6878622	4.41	4.63	4.9%	6878639	5.93	5.83	1.7%	6878658	4.81	4.97	3.3%	6878667	4.76	3.99	17.6%
Ge	6878622	0.05	0.05	0.0%	6878639	0.07	0.07	0.0%	6878658	0.08	0.08	0.0%	6878667	0.07	0.07	0.0%
Hf	6878622	0.036	0.034	5.7%	6878639	0.14	0.09		6878658	0.09	0.08	11.8%	6878667	0.067	0.064	4.6%
Hg	6878622	0.015	0.015	0.0%	6878639	0.059	0.054	8.8%	6878658	0.06	0.06	0.0%	6878667	0.03	0.03	0.0%
In	6878622	0.0173	0.0176	1.7%	6878639	0.024	0.025	4.1%	6878658	0.036	0.036	0.0%	6878667	0.021	0.017	21.1%
K	6878622	0.04	0.04	0.0%	6878639	0.03	0.03	0.0%	6878658	0.074	0.077	4.0%	6878667	0.05	0.05	0.0%
La	6878622	4.07	3.82	6.3%	6878639	4.33	4.81	10.5%	6878658	11.8	12.1	2.5%	6878667	4.84	4.75	1.9%
Li	6878622	7.8	8.2	5.0%	6878639	9.95	9.53	4.3%	6878658	10.4	8.4	21.3%	6878667	6.23	6.71	7.4%
Mg	6878622	0.48	0.48	0.0%	6878639	0.321	0.330	2.8%	6878658	0.54	0.54	0.0%	6878667	0.27	0.27	0.0%
Mn	6878622	281	279	0.7%	6878639	257	269	4.6%	6878658	990	993	0.3%	6878667	260	256	1.6%
Mo	6878622	0.74	0.79	6.5%	6878639	0.692	0.684	1.2%	6878658	1.31	1.35	3.0%	6878667	0.43	0.36	17.7%
Na	6878622	0.01	0.01	0.0%	6878639	< 0.01	< 0.01	0.0%	6878658	< 0.01	< 0.01	0.0%	6878667	< 0.01	< 0.01	0.0%
Nb	6878622	1.64	1.66	1.2%	6878639	2.80	2.79	0.4%	6878658	1.52	1.55	2.0%	6878667	2.50	2.06	19.3%
Ni	6878622	12.5	12.8	2.4%	6878639	12.5	13.4	6.9%	6878658	17.5	18.4	5.0%	6878667	8.1	8.5	4.8%
P	6878622	414	438	5.6%	6878639	1570	1590	1.3%	6878658	581	574	1.2%	6878667	3680	3680	0.0%
Pb	6878622	7.23	7.43	2.7%	6878639	12.1	12.4	2.4%	6878658	148	150	1.3%	6878667	6.00	5.81	3.2%
Rb	6878622	5.8	6.0	3.4%	6878639	6.02	6.22	3.3%	6878658	9.6	10.3	7.0%	6878667	6.87	5.74	17.9%
Re	6878622	< 0.001	< 0.001	0.0%	6878639	< 0.001	< 0.001	0.0%	6878658	< 0.001	< 0.001	0.0%	6878667	< 0.001	< 0.001	0.0%
S	6878622	0.0154	0.0168	8.7%	6878639	0.018	0.019	5.4%	6878658	0.0379	0.0375	1.1%	6878667	0.023	0.023	0.0%
Sb	6878622	0.219	0.213	2.8%	6878639	0.295	0.307	4.0%	6878658	0.626	0.621	0.8%	6878667	0.166	0.133	22.1%
Sc	6878622	3.6	3.5	2.8%	6878639	3.43	3.63	5.7%	6878658	5.23	5.62	7.2%	6878667	2.83	2.33	19.4%
Se	6878622	< 0.2	< 0.2	0.0%	6878639	< 0.2	< 0.2	0.0%	6878658	0.4	0.4	0.0%	6878667	< 0.2	< 0.2	0.0%
Sn	6878622	0.3	0.3	0.0%	6878639	0.5	0.5	0.0%	6878658	0.3	0.3	0.0%	6878667	0.36	0.29	21.5%
Sr	6878622	21.4	20.8	2.8%	6878639	12.8	10.9	16.0%	6878658	43.8	43.3	1.1%	6878667	33.0	33.0	0.0%
Ta	6878622	< 0.01	< 0.01	0.0%	6878639	< 0.01	< 0.01	0.0%	6878658	< 0.01	< 0.01	0.0%	6878667	< 0.01	< 0.01	0.0%
Te	6878622	0.02	0.02	0.0%	6878639	0.03	0.03	0.0%	6878658	0.055	0.072	26.8%	6878667	0.02	0.02	0.0%
Th	6878622	0.8	0.7	13.3%	6878639	1.3	1.5	14.3%	6878658	1.23	1.31	6.3%	6878667	1.29	1.35	4.5%
Ti	6878622	0.090	0.083	8.1%	6878639	0.073	0.078	6.6%	6878658	0.0190	0.0195	2.6%	6878667	0.087	0.087	0.0%
Tl	6878622	0.06	0.06	0.0%	6878639	0.062	0.065	4.7%	6878658	0.11	0.11	0.0%	6878667	0.03	0.03	0.0%
U	6878622	0.249	0.230	7.9%	6878639	0.304	0.322	5.8%	6878658	1.09	1.12	2.7%	6878667	0.30	0.30	0.0%

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CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

V	6878622	75.3	75.8	0.7%	6878639	66.4	68.7	3.4%	6878658	58.8	58.9	0.2%	6878667	57.8	57.9	0.2%
W	6878622	0.166	0.162	2.4%	6878639	0.40	0.34	16.2%	6878658	0.259	0.200	25.7%	6878667	0.146	0.133	9.3%
Y	6878622	3.08	3.04	1.3%	6878639	2.50	2.66	6.2%	6878658	13.0	13.5	3.8%	6878667	3.66	3.02	19.2%
Zn	6878622	43.0	42.0	2.4%	6878639	75.1	79.9	6.2%	6878658	317	323	1.9%	6878667	88.3	87.2	1.3%
Zr	6878622	1.48	1.45	2.0%	6878639	3.83	3.53	8.2%	6878658	3.0	2.9	3.4%	6878667	2.95	2.33	23.5%

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1															
Parameter	Sample ID	Original	Replicate	RPD												
Au	6878668	0.0077	0.0069	11.0%												

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

CLIENT NAME: LITTLE BEAR GOLD CORP

ATTENTION TO: LITTLE BEAR GOLD CORP

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

	CRM #1 (ref.CDN-ME-1304)				CRM #2 (ref.CDN-ME-1304)				CRM #3 (ref.CDN-ME-1304)				CRM #4 (ref.CDN-ME-1304)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Ag	34.0	34.3	101%	90% - 110%	34.0	34.1	100%	90% - 110%	34.0	34.2	100%	90% - 110%	34.0	34.4	101%	90% - 110%
Cu	2680	2748	103%	90% - 110%	2680	2737	102%	90% - 110%	2680	2717	101%	90% - 110%	2680	2739	102%	90% - 110%
Pb	2580	2641	102%	90% - 110%	2580	2657	103%	90% - 110%	2580	2666	103%	90% - 110%	2580	2641	102%	90% - 110%
Zn	2200	2271	103%	90% - 110%	2200	2271	103%	90% - 110%	2200	2270	103%	90% - 110%	2200	2252	102%	90% - 110%
	CRM #5 (ref.CDN-ME-1304)				CRM #6 (ref.CDN-ME-1304)				CRM #7 (ref.CDN-ME-1304)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Ag	34.0	33.7	99%	90% - 110%	34.0	35	103%	90% - 110%	34.0	34	100%	90% - 110%				
Cu	2680	2695	101%	90% - 110%	2680	2718	101%	90% - 110%	2680	2679	100%	90% - 110%				
Pb	2580	2582	100%	90% - 110%	2580	2680	104%	90% - 110%	2580	2623	102%	90% - 110%				
Zn	2200	2223	101%	90% - 110%	2200	2275	103%	90% - 110%	2200	2234	102%	90% - 110%				

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	CRM #1 (ref.1P5K)															
Parameter	Expect	Actual	Recovery	Limits												
Au	1.44	1.46	101%	90% - 110%												

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Method Summary

CLIENT NAME: LITTLE BEAR GOLD CORP

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

ATTENTION TO: LITTLE BEAR GOLD CORP

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS

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Method Summary

CLIENT NAME: LITTLE BEAR GOLD CORP

AGAT WORK ORDER: 15D009169

PROJECT: BB2015-1

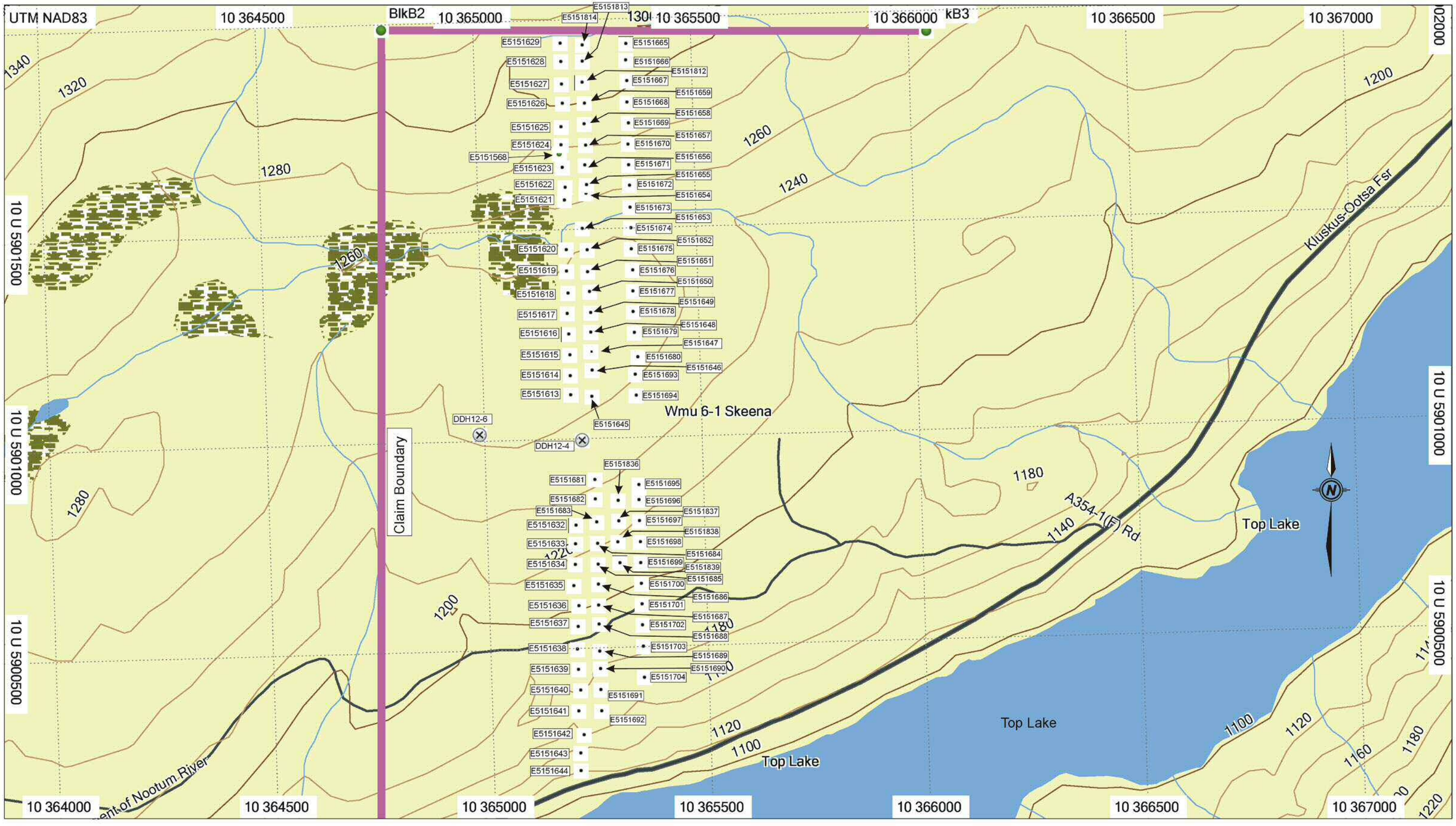
ATTENTION TO: LITTLE BEAR GOLD CORP

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

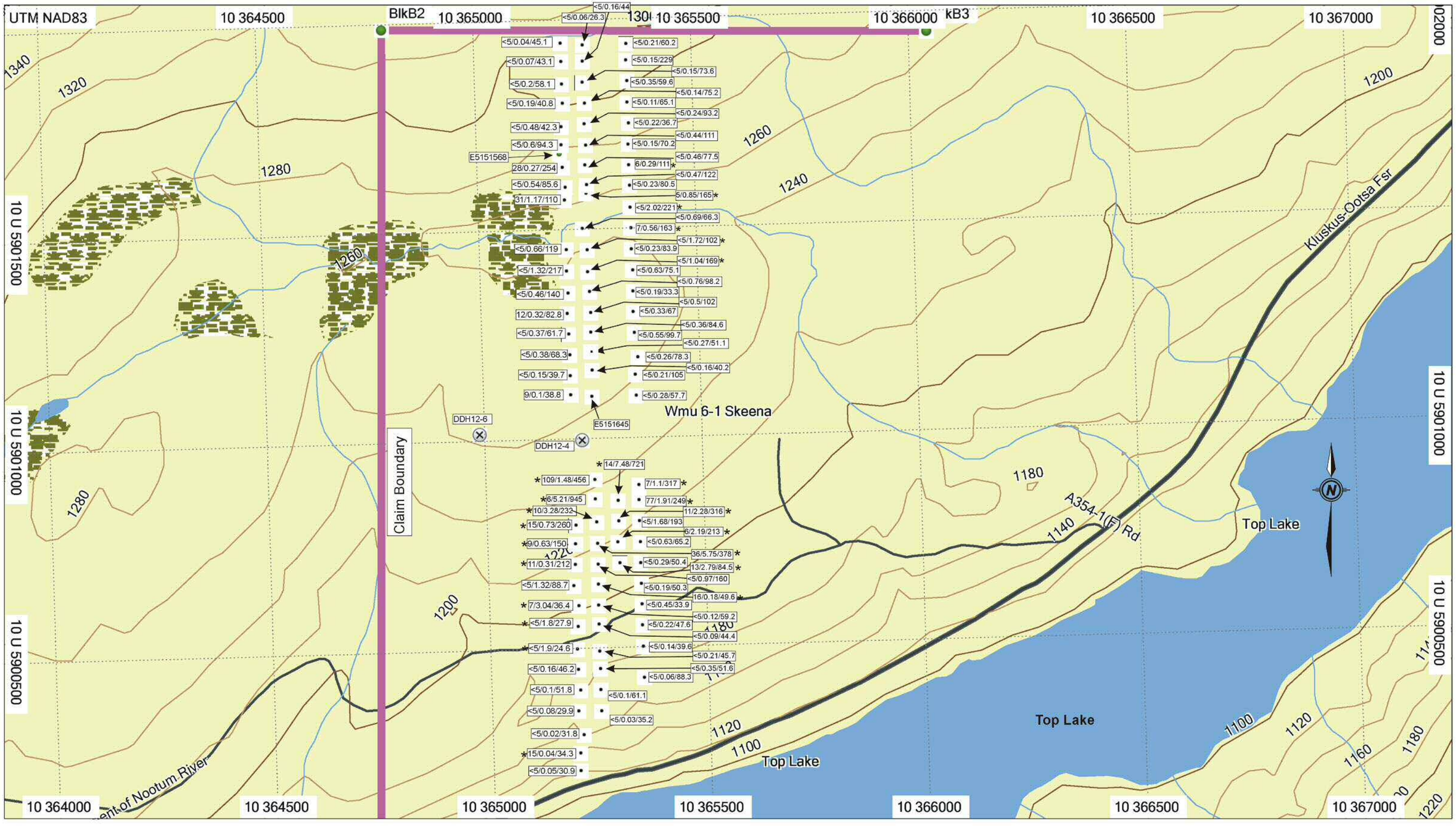
13.1.6 Appendix 5: Sample location map



● ..... E5151648 Sample number

Sample Numbers
Appendix 5

13.1.7 Appendix 6: Sample Values Map



● ..... <5/0.05/30.9 Sample Values: Au ppb / Ag ppm / Zn ppm

0 m 150 m 300 m 450 m 600 m

Appendix 6
Sample Values