GEOLOGICAL REPORT

for the

NORTHCORE and SOUTHCORE CLAIM GROUPS

GOLDEN AND FORT STEELE MINING DIVISIONS, BC
NTS 82F/16E, 82F/16W, 82K/1E
Latitude 49°58'N. Longitude 116°12'W.

Prepared for

MINER RIVER RESOURCES LTD.
731, 1st Ave. N.W.
Calgary, AB T2N 0A2

and

EAGLE PLAINS RESOURCES LTD.
P.O. Box 20022, Tamarack P.O.
Cranbrook, B.C. V1C 6J5

by

C.C. Downie, P.Geo.
Big City Resources Ltd.
P.O. Box 155
Cranbrook, B.C.
V1C 4H7

And

C.H.B. Leitch, Ph.D., P.Eng.
492 Isabella Point Road
Saltspring Island, B.C.
V8K 1V4

Submitted: April 30th, 1997

TABLE OF CONTENTS

LIST OF APPENDICES

LIST OF FIGURES

SUMMARY

Claims comprising the Northcore and Southcore claim groups were staked over the period from May through October, 1995, and consist of an extensive land-holding containing Precambrian miogeosynclinal sediments of the Belt Purcell Supergroup. Over 50 base and precious metal showings are documented within property boundaries, and form a framework for further exploration. The property is considered to hold significant potential for hosting "Sedex"-type base metal deposits, based on its geology, structure, and proximity to Cominco's Sullivan deposit, located 30km to the south.

The claims were staked in anticipation of a $600,000 airborne geophysical survey conducted during the fall of 1995 by the G.S.C. and the B.C.G.S.. The claim area covers a total of 16% of the Findlay block survey coverage.

A cursory exploration program was conducted in late 1995, and consisted primarily of prospecting and stream-sediment sampling. Early snowfall caused the postponement of work at high altitudes for the season. A number of anomalous drainages were indicated, and will see follow-up work carried out in the future. As well, areas of Sullivan-type alteration were outlined.

A 100% interest in the claims was sold to Eagle Plains Resources Ltd., and Miner River Resources Ltd., two Calgary-based companies in November, 1995. A $187,000.00 follow-up work program was undertaken in 1996, which consisted of 1:10,000 scale mapping by C.H.B. Leitch, soil and silt sampling, prospecting, and diamond-drilling. A total of 248 samples were collected in the field and a total of 5 holes were collared within property boundaries, (all in the Fish Lake area), testing geological and airborne geophysical targets. Drilling results were disappointing overall, with target stratigraphy not encountered due to the inferred displacement by gabbro sills. However, a number of geochemical

anomalies were located on the property that warrant follow-up work. As part of this report preparation a comprehensive compilation of past work was undertaken which also located favorable areas for further work. Most of the existing data on the property has been compiled in a GIS type data base.

Geological mapping carried out by Leitch confirms that the Lower/Middle Aldridge contact (LMC), known to be the approximate stratigraphic host to the world-class Sullivan deposit (see Sullivan Overview, following), is present within property boundaries, providing a large target area for Sullivan-type mineralization.

A two-phase, $295,000 program is proposed to further evaluate the mineralogical potential of the property.


DIGITAL MAPPING & GPS SURVEY BY:
INTERIOR REFORESTATION CO. LTD.
P.O. BOX 487 CRANBROOK B.C. V1C 4J1
PHONE NO. 426-5300 FAX NO. 426-5311
YUKON
N.W.T.
ALASKA
BRITISH COLUMBIA
ALBERTA
FORT.ST.JOHN
PRINCE RUPERT
PRINCE GEORGE
JASPER
N
BANFF
NORTHCORE,
SOUTHCORE,
CLAIM GROUPS
KAMLOOPS
0 100 200 300 Km
VANCOUVER
CRANBROOK
WASHINGTON
IDAHO
MONTANA
SEATTLE
Miner River Resources
EAGLE PLAINS RESOURCES
NORTHCORE, SOUTHCORE CLAIM GROUPS
MAPPED/DRAWN BY JEFF N./C. DOWNIE
LOCATION MAP
FIG. 1
DATE: April/97
SCALE: See Scale Bar
BIG CITY RESOURCES

PROPERTY, DESCRIPTION AND LOCATION

The Northcore and Southcore claim groups consists of a total of 203 claim units staked in accordance with the Modified Grid and Two-Post Grid Systems. The claims are located approximately 30 km north of Kimberley, B.C., and lie within both the Fort Steele and Golden Mining Divisions on NTS mapsheets 82F/16 and 82K/1E. The property is centered at 49°58' N latitude, 116°12' W longitude (Figure 1, following page).

The claims cover an area of approximately 12,000 acres, and are located along a topographic high between the Kootenay Lake valley and Rocky Mountain Trench. Elevations range from 5000 to 9000 feet, with vegetation coverage occurring at lower elevations. Vehicular access to the property area is provided by rough 4WD roads which extend up Greenland Creek to over 7000 feet, and one which extends past an existing Forest Service road to the headwaters of Doctor Creek. Terrain elsewhere in the property area is accessed by helicopter from Invermere or Cranbrook, located 55 and 50 km away, respectively. Outcrop exposure is good overall, but is in some areas inaccessible due to rugged terrain. The property sees moderate precipitation, and is accessible from late-May to mid-October.

Claim Status

Claim Name	Record No.	Claim Type	N.	Recording Date	*Expiry Date
Core 3	335996	MGS	16	May 19, 1995	May 19, 1999
Core 4	335997	MGS	8	May 19, 1995	May 19, 1999
Core 5	335998	MGS	20	May 19, 1995	May 19, 1999
Core 5W	344637	MGS	12	Mar 28, 1996	Mar 28, 1999
Core 6	335999	MGS	15	May 19, 1995	May 19, 1999
Core 7	336000	MGS	20	May 19, 1995	May 19, 1999
Core 8	336001	MGS	20	May 19, 1995	May 19, 1999
Core 9	356002	MGS	6	May 19, 1995	May 19, 2001
Core 10	336003	MGS	20	May 19, 1995	May 19, 1999
Core 11	336004	MGS	16	May 19, 1995	May 19, 1999

Fin 1	339857	MGS	20	Sept 14, 1995	Sept 14, 1999
Fin 2	339858	MGS	20	Sept 15, 1995	Sept 15, 1999
Fin 4	339889	2P	1	Sept 13, 1995	Sept 13, 1999
Fin 5	339890	2P	1	Sept 13, 1995	Sept 13, 1999
Fin 6	339891	2P	1	Sept 13, 1995	Sept 13, 1999
Fin 7	339892	2P	1	Sept 13, 1995	Sept 13, 1999
Fin 8	339893	2P	1	Sept 13, 1995	Sept 13, 1999
Fin 9	339894	2P	1	Sept 13, 1995	Sept 13, 1999
Fin 10	339895	2P	1	Sept 13, 1995	Sept 13, 1999
Fin 11	339896	2P	1	Sept 15, 1995	Sept 15, 1999
Fin 12	339897	2P	1	Sept 15, 1995	Sept 15, 1999
Fin 13	339898	2P	1	Sept 15, 1995	Sept 15, 1999

Total: 203 Units

HISTORY

The East Kootenay area has long been known as a mineral resource-rich area, with numerous mineral showings and mines documented over the years. The turn of the century discovery of Cominco's world-class Sullivan deposit near the present city of Kimberley, put the area into focus with mineral explorationists world-wide. The Sullivan massive sulphide ore body contained 160,000,000 tonnes of ore averaging 5.6% zinc, 6.5% lead, 25.9% iron, and 67g/t silver, with a mineable lifetime of over 100 years, and a contained metal value in present dollars estimated to be in excess of 25 billion dollars. The mine is scheduled for shutdown in the year 2001.

Numerous other past-producers in the area reflect the excellent mineralogical potential of the region. These include:

1) St. Eugene Mine (1899-1929) - 1.63 million tons grading approximately 8% lead, 1% zinc, 4.4 oz/t silver.

2) Estella Mine (1951-1967) - 120,000 tons grading 4.8% lead, 9.0% zinc, 6.4 oz/t silver.

3) Kootenay King Mine (1952-1953) - 14,616 tons grading 5.3% lead, 15.1% zinc, 1.94 oz/t silver.

The regional area is also well known for the presence of once-rich placer gold deposits, though no economic hard-rock concentrations have yet been located. The Wildhorse River saw frenzied placer mining activity beginning in 1864, with over 1,500,000 ounces of gold extracted from its gravels. Placer mining operations are still in place along the river. It is also reported (unconfirmed) that Findlay Creek has seen historical placer mining activity.

PROPERTY HISTORY AND PREVIOUS WORK (see Fig.2 in pocket)

The entire property area encompasses ground which at various times was under the control of different operators. A summary of their work, and approximate geographical locations is given below. Prior to the 1995 Toklat Resources exploration program, over 40 mineral showings, geochemical anomalies (rock, soil, and silt) and geophysical anomalies were documented by past operators.

Period	Operator	Claim Name	Location	Activity
1959-1969	Cominco	Pico	Core 8	Trenching, drilling for tungsten.
1960	?	Pimaco	Core 7	Prospecting for cassiterite in quartz.
1965	Newconex	SKO	Core 7,9,11	Prospecting, mapping.
1969	Arrow Inter.	Val	Core7,9,11	180m diamond-drilling.
1971-1975	Kerr-Addison	Nine Lake	Core 7	508' BQ diamond drilling-base-metal showing in quartz-monzonite.
1977-1978	Amax	Mob	Core 7	Geological
1979-1981	Utah Mines	HRPL 1-5	Core 7	Soil sampling for tin, tungsten
1981	Minequest	Skook	Core 7	No work reported.
1983	Billiton Can.	RR1,2,6-9	Core 5,7,11	Stream-sediment sampling, prospecting
1984	Cominco	Echo 1 to 5	Fin 22,30	UTEM geophysics.
1984	Billiton Can.	Limekiller	Core 11	Geological/geochemical for Sn,W
1988	Cominco	Echo 1 to 6	Fin 22, 30	Geologic mapping, sampling

1988	Cominco	Echo 1-11	Fin 19-34	UTEM geophysics
1992	Teck Corp	Cotton	Core 7, 9	Geologic Mapping, Soil Geochem.

GEOLOGY

REGIONAL GEOLOGY

The area mapped is located on the north flank of the Purcell Anticlinorium, underlain by mainly gently north- to northwest-dipping strata of the Lower and Middle Aldridge formations that belong to the Belt/Purcell Supergroup, a thick sequence of terrigenous clastic, lesser carbonate and minor volcanic rocks of Middle Proterozoic age (Hoy, 1993). The lower part of the Aldridge Formation is dominated by deepwater turbidites containing numerous synsedimentary gabbroic sills and several base metal deposits including the Sullivan sedimentary exhalitive (Sedex) deposit.

Paleotectonic reconstructions of the Proterozoic continent support an intracratonic setting for the basin in which the Belt-Purcell rocks were deposited, with a central rift separating Laurentia from either Antarctica (Hoffman, 1991) or Australia (Ross et al., 1992). The thick accumulation of gabbroic sills within the Aldridge Formation and their distribution parallel to the inferred basin axis suggest that the basal Aldridge succession records the synrift fill of the basin and overlying shallow-water rocks the rift cover succession (Chandler, 1995).

Metamorphism

Purcell Supergroup rocks have been subjected to several periods of deformation, including local intense folding and metamorphism in the Middle Proterozoic, extensional tectonics in the Late Proterozoic, and compression during the Late Mesozoic to Tertiary (Hoy et al, in prep.). Regional greenschist metamorphism dated at 1300-1350 Ma generally reached only biotite facies throughout the area considered in this report, although local sillimanite-garnet facies amphibolite grade is recorded to the south (McMechan and Price, 1982; De Paoli and Pattison, 1995).

Sedimentary rocks

The Aldridge Formation is informally divided into three members (Reesor, 1973; Hoy et al, in prep.). The Lower Aldridge Formation in the northern part of the basin comprises a sequence of thin to medium bedded, generally iron sulfide-rich, siltstone distal argillaceous turbidites (base not exposed, but seismic data of Cook and Van der Velden, 1995, suggest that it may be over 8 km thick). The Middle Aldridge Formation comprises up to 2.4 km of medium bedded quartzitic turbidites with prominent inter-turbidite intervals of laminated siltstone. The Upper Aldridge Formation consists of approximately 300 meters of thin bedded to laminated, iron sulfide-rich argillite and siltite transitional upward into shallow water strata of the Creston Formation.

Intrusive rocks

Numerous mafic sills and less common dykes, referred to as the Moyie intrusions, intrude the Lower Aldridge Formation and the central portion of the Middle Aldridge. These gabbroic to dioritic intrusives are composed mainly of hornblende and plagioclase with minor quartz, chlorite, epidote, ilmenite and sphene. They are dated at 1467 +/-3 Ma (Anderson and Davis, 1995) and are considered to have intruded wet Aldridge sediments before lithifaction (Hoy, 1989) and therefore to date the enclosing sediments. A pair of major sills, commonly separated by a hornfelsed, iron-sulfide rich package of sediment termed "granophyre", occurs regionally at the top of the Lower Aldridge from Perma, Montana (Buckley and Sears, in press) to the Sullivan area (Hamilton et al., 1983). This pair of sills, with abundant iron-sulfide rich granophyre, is prominent in the Rusty Ridge area of the Greenland Creek-Doctor Creek part of the property and appears to be largely responsible for the significant colour anomaly in this area. Significant hydrothermal flow associated with this pair of sills is indicated by the sulfide and wet sediment alteration, similar to that observed at sediment-covered portions of spreading centers on the ocean floor such as Middle Valley on the Juan de Fuca ridge (Stakes and Franklin, 1994) or Guaymas Basin in the Gulf of California (Einsele, 1982).

A group of two major and several smaller sills comprises the upper Moyie sill complex within the middle of the Middle Aldridge, separated from the sills marking the Lower-Middle contact by up to 1200 m of stratigraphy (Hoy et al., in prep.). These sills may be indications of a second pulse of magmatic and hydrothermal activity that affected the Middle Aldridge sediments regionally, and in particular the northern part of the Greenland Creek property.

Along the east side of Doctor Creek and south of Greenland Creek, sedimentary rocks of the Aldridge Formation are intruded by portions of the White Creek Batholith, mainly microcline porphyritic quartz monzonite to hornblende-biotite granodiorite of Cretaceous age, with minor outlying aplite and pegmatite bodies (Reesor, 1958).

SULLIVAN DEPOSIT OVERVIEW (Hamilton, et al, 1981)

The Sullivan orebody is a 160 million tonne iron-lead-zinc sulphide orebody that lies conformably near the top of the Middle Proterozoic Lower Aldridge Formation, a sequence of dominantly fine-grained siliciclastic rocks.

The northern two-thirds of the orebody is underlain by up to 125 m of intraformational conglomerate that thins rapidly to the west, north and south, and less rapidly to the east. Crosscutting zones of chaotic breccia disrupt well-bedded sedimentary rock and conglomerate under the western half of the orebody. Stratiform and stratabound sulphides occur below the orebody; sulphide veins are locally abundant beneath the western part.

The orebody is a convex lens up to 2000m long by 1600m wide that dips moderately east. The western part, up to 100m thick, can be divided into three approximately equal intervals. The lower interval is massive sulphides, primarily pyrrhotite with minor wispy layers of galena and sphalerite. The middle interval is also massive sulphides, but wispy layering defined by galena and sphalerite is more pronounced. The upper part is delicately layered galena, pyrrhotite and sphalerite and contains intercalated siliciclastic beds near the top. The eastern part of the orebody consists of five distinct bedded sulphide intervals totaling up to 27m in thickness that are intercalated with four siliciclastic intervals totaling 10m in thickness; this ore zone thins to the east. The eastern and western parts of the orebody are joined by a narrow transition zone across which stratigraphic correlation is difficult.

A funnel-shaped tourmalinite zone 1400m by 950m at the orebody footwall extends downward more than 450m below the western part of the orebody. Contacts between tourmalinite and laterally equivalent unaltered footwall rocks although serrated in detail, have moderate to steep dips overall. Rocks rich in albite, chlorite, pyrite, and carbonate occur in restricted highly discordant zones in footwall tourmalinite, locally in the orebody, and in an extensive zone in the hangingwall.

The Sullivan orebody is interpreted as a hydrothermal syn-sedimentary sulphide lens which formed in a sub-basin on the marine floor during deposition of the Aldridge Formation. It is located directly over conduits through which mineralizing fluids passed. Boron, iron and magnesium were added to footwall sediments. Changes of fluid and/or basin chemistry then led to rapid deposition of massive sulphides over the western vent area and deposition of delicately-bedded sulphides in the eastern part of the sub-basin. Post-ore sodium-rich hydrothermal fluids altered footwall, ore zone and hangingwall sediments in and over the vent area.

PROPERTY GEOLOGY AND MINERALIZATION (see Fig.5 in pocket)

In the area mapped, Lower and Middle Aldridge lithologies are generally fine siltstone or silty argillite and coarse siltstone or sandstone (quartzite). Most rocks are siltstones, composed of a framework of detrital quartz grains mainly less than 0.25 mm in diameter, with lesser but significant interstitial feldspar (mainly plagioclase) less than 0.1 mm in diameter, minor mica (biotite and muscovite), iron sulfide (mainly pyrite), and traces of chlorite, epidote, tourmaline, sphene/rutile, apatite, zircon and allanite (Leitch et al, 1991; Leitch, 1996).

Because of the similarity of lithologies, Middle Aldridge sediments are difficult to distinguish from Lower Aldridge in a single outcrop. However, in a general sense it is marked by a change from rusty Lower Aldridge below to more drab Middle Aldridge above. It appears that the regional mapping by Reesor (1958, 1973) has placed the Lower-Middle contact (LMC) in approximately the correct location, but that the location shown on the recent BCGS-GSC geophysical release is incorrect in detail. The contact appears to cross onto the claim area from the west just north of the Fish Lake area and may be largely covered in the bottom of the upper Middle Fork Findlay Creek before crossing onto Rusty Ridge (contact may actually be folded in this area, as suggested by the attitudes measured south of the smooth contact shown). The LMC appears to be well exposed in the steep headwalls of the many basins along the north side of Greenland Creek, at the break between very rusty sediments below and drab sediments above; this position is generally agreed to by all workers such as Reesor, McLaren et al., and company mapping by Billiton (Carr, 1984a,b) and Cominco (McCartney, 198?). However, to the east major disagreement is evident, with the BCGS (McLaren et al., 1990) placing it south of Doctor Creek, below the package of gabbro-granophyre, and all other workers placing it above, crossing into the headwaters of Doctor Creek along a more or less direct (Reesor, 1958) or circuitous route (Carr, 1984a,b); the present work supports the latter. Although the LMC then probably runs more or less down Doctor Creek, as suggested by Reesor (1958), mapping by the writer in Echo Basin supports the interpretation that the contact may project close to or be infolded along the peaks south of Doctor Creek, as suggested by McLaren et al. (1990).

Widespread hornfelsing around the Moyie sills, coupled with regional greenschist (biotite facies) metamorphism, has produced abundant weakly albite-biotite altered rocks, mainly lacking sulphide, that are not apparently related to hydrothermal alteration. This is especially true of the area of Middle Aldridge south and west of the two small lakes at the head of Doctor Creek.

Intrusive rocks

Small plugs and thin sills or dykes generally less than 3 m in width, probably related to the Cretaceous White Creek Batholith, are noted from Greenland Creek south. These intrusive rocks are mainly composed of quartz-feldspar porphyry and are accompanied by quartz-muscovite-pyrite veining with sericite-pyrite envelopes which in places make the unequivocal recognition of Sullivan-style sericitic alteration difficult. In places they are surrounded by pyritic haloes and are cut by tourmaline-bearing veins and fractures; it is possible that gold mineralization, rarely noted in the property area (McLaren et al., 1990) could be associated with these intrusives.

Very thin (<1 m thick) dark ?basalt, brownish biotite-carbonate rich lamprophyre ("minette") and green, coarse pyroxene-rich ultramafic dykes occupy fractures approximately perpendicular to bedding. The age of these intrusives is uncertain except for the "minette" dykes which are likely Tertiary by comparison to similar dykes within the Purcell Supergroup.

Fragmental rocks

Fragmental rocks very similar to those at Sullivan are locally important on the property, especially near the LMC in the Fish Lake area and on the divide between Greenland Creek and Doctor Creek. Where mapped in detail in both this program and those of previous workers (e.g. Carr 1984a,b; McCartney, 198?), they are mainly conformable; no cross-cutting fragmental "pipes" or tourmalinized fragmentals have been discovered to date.

The fragmental rocks appear to increase in thickness towards the Fish Lake area, where they may reach thickness in excess of 15 m on the ridge just south of Fish Lake; however, an exposure just west of South Basin that was not visited may be similar in thickness (or could be a dip slope exposure). Clast size also appears to increase, up to about 10 cm in the Fish Lake exposures (Plate 1 a,b); however, sulfide clasts are found in the Pico Basin fragmentals.

Structure

Bedding generally dips gently to moderately northward at 10-30 degrees. In places, steep to vertical dips indicate minor tight folding. Small normal faults are common, distinguished by offsets of bedding or discontinuity of gabbro contacts, and shattered zones. Major faults were not noted in the area.

Alteration and Mineralization

Albitic and albite-biotite hornfelsic alteration is common near the Moyie sills throughout the area examined, but in the headwaters of Findlay Creek (Fish Lake area) more intense "albitite" is developed, in places finely interlaminated with layers of "tourmalinite" up to 0.1 m thick. Sericitic alteration is abundant, in places with significant silica (secondary quartz), but in places is difficult to separate with certainty from similar alteration controlled by the Cretaceous felsic intrusives. Chlorite alteration, prominent close to and in the Sullivan orebody, is rare on the property, mainly found in and at contacts of the Moyie intrusives.

Albitite

Albitite on the Greenland Creek property is a white rock broadly similar to but generally less intense than albitite at Sullivan. The best development of albitite is on the slopes east of and in cliff exposures southeast of Fish Lake, where it occurs in units up to 3 or possibly 10 meters thick, over areas of up to 100 m diameter. It is generally less intense and not as extensive in the cirque basins along the north side of Greenland Creek (units less than 3 m thick) and is sporadic in Echo basin and further east (e.g. 1 m thick at CL002). Also, these more eastern exposures are generally closely related to proximal gabbro sills, whereas the western exposures are not so clearly related to the Moyie intrusives. Note that albitite also occurs, apparently above the LMC, to the west of Middle Fork Findlay Creek and on the ridge west of the two small lakes at the head of Doctor Creek (Termuende, 1996), as well as north of Doctor Peak (Anderson, 1988).

Although albitite from the Greenland Creek property appears superficially identical to albitite from Sullivan, in thin section (Leitch, 1996: see CL028) the detrital quartz framework is mainly preserved, rather than being completely destroyed (replaced by albite) as it is at Sullivan. This observation is backed up by limited geochemical sampling (e.g. sample CL002, taken of the most intense albitite in the easternmost exposure east of Echo Lake, contained less Na than CL003, a sericite-pyrrhotite altered sediment; CL005, which contains minor secondary albite in thin section: see Leitch, 1996, has a very low Na content).

Tourmalinite

An unusual feature of tourmalinite found on the Greenland Creek property is its occurrence almost exclusively as interbeds or laminations in albitite. This is contrary to other tourmalinite exposures in the Aldridge such as at the Sullivan deposit, in which tourmalinite and albitite are mainly mutually exclusive (Leitch et al., in prep.), and albitite is generally later than tourmalinite. The only other such occurrence might be the Neg (Slack, 1993). Note that as for albitite, occurrences of tourmalinite are also found apparently above the LMC within the Middle Aldridge (e.g. west of upper Middle Fork Findlay Creek and on the ridge west of the two small lakes at the head of Doctor Creek (Termuende, pers. comm. 1996), as well as north of Doctor Peak (Anderson, 1988). These latter occurrences tend to be fracture controlled, as are tourmaline occurrences in both the Moyie gabbros ands the Cretaceous intrusives, suggesting both are later than the stratabound tourmalinite occurrences.

On the Greenland Creek property, tourmalinite is strongly recrystallized, generally composed of up to 25% 0.1-0.5 mm black (likely schorlitic, or Fe-rich) crystals compared to the minute 5-15 micron crystals of more intermediate dravite/uvite-schorl (more Mg-Ca rich) in tourmalinite at Sullivan.

Mineralization near the Lower-Middle Aldridge Contact (LMC)

Two areas of prime interest and one of lower priority were defined along the LMC on the divide between the headwaters of Doctor Creek and Greenland Creek, and the headwaters of Middle Fork of Findlay Creek, at elevations of 2000 to 2500 m. The two prime areas are designated the Pico Basin-Echo Basin and Fish Lake areas, respectively. Both areas are marked by large gossanous zones underlain by quartz-sericite-pyrite altered lower Aldridge sedimentary rocks, mainly siltite and wacke but with minor fragmental ("conglomerate"), and are intruded by the pair of thick Moyie sills found regionally just below the LMC, in places with abundant pyritic "granophyre" and amphibolite and significantly, narrow (<10 m thick) dykes of Moyie diorite to microgabbro.

Most of the rocks in the gossanous zones are oxidized so that only traces of sulfides remain; sulfides seen are principally pyrite, with lesser pyrrhotite. Anomalous zinc and lesser lead, silver and copper soil and rock geochemistry was found by Billiton in Pico Basin (Carr, 1984a,b), and this is supported by limited reconnaissance rock sampling done during the current mapping program (see samples CL030, 31, 32, 37 and 40, which are of variably tourmalinized, sericite-pyrite, and albitized sediments). Part of the anomalous soil geochemistry in the Pico Basin (Carr, 1984a,b) is due to veins that cut the sedimentary rocks and Moyie intrusives, generally perpendicular to bedding; the veins contain chalcopyrite, galena and sphalerite plus in places minor scheelite and a tin mineral. These veins could represent remobilization of mineralization during intrusion of the Moyie intrusives or the Cretaceous intrusives; fractures containing tourmaline and quartz cut both the Moyie and the Cretaceous intrusives.

Iron sulfides occur in a carbonate-actinolite layer within the fragmental unit in the Fish Lake area, similar to layers found just above the mineralized horizon at the Vulcan property, 18 km to the south. In the Fish Lake area, limited rock sampling of the fragmental units, sericite-pyrite, tourmaline-and albite-altered rocks (CL020 to 27) failed to show significantly anomalous results. However, soil sample results for the Fish Lake area show a moderate Cu-Zn-Ag-Ba-Co anomaly in an area mapped as fragmental with pervasive albitization.

The third, lower priority area is in the uppermost Doctor Creek area, where the Lower-Middle contact is difficult to trace, but may follow a folded, relatively steeply dipping fine-grained ?argillite or siltite horizon that is prominent by its rusty character. Rare chlorite alteration and the occurrence of pink garnets (see Leitch, 1996 for petrography) that are Mn-rich (8-13% MnO, or roughly 15-25 mole % spessartine: Clark, 1996), as in the Sullivan-North Star corridor (Leitch et al., 1991) also make this area of exploration interest. A reported Cu-Pb-Zn showing (Minfile 063) supposed to be located in this area was not found, but an old mining road does end close to this location in what looks to be an old drill site. Proximity to geophysical anomalies on the recent BCGS-GSC release also adds to the interest of this area.

North of Doctor Creek on the DOC showings, pyrite, galena, sphalerite and arsenopyrite occur mainly in quartz veins in siltite-argillite and an extensive, apparently stratabound tourmalinite horizon over 30 m thick in the topmost middle and the upper Aldridge formations. The tourmalinite was recognized in a polished thin section of the unit, which revealed coarse euhedral tourmaline in a matrix of Fe-stained carbonate (sample DOC-V: Leitch, 1996). Of further interest, reconnaissance microprobe analysis (Clark, 1996) shows that the tourmaline is intermediate dravite-schorl in composition, with Fe:Fe+Mg ratio around 0.4-0.5, very similar to that at Sullivan. The host carbonate does not contain significant (<0.5 wt%) lead but the anomalous lead content of this sample could be contained in or with the fine iron oxides found in the host carbonate (minor sericite, quartz and monazite were also noted in the matrix; Clark, 1996).

Finely laminated pyrite is common in black argillite of the upper Aldridge Formation north of Doctor Creek, but these units do not appear to be geochemically anomalous (samples 21-7-2 and 3);

variably sericite-pyrite altered sediments in samples 21-7-4 to 8 also do not appear to be geochemically anomalous except near the stratabound tourmalinite horizon (sample 21-7-9, 126 ppm Pb and 20 ppb Au).

Numerous mineralized showings have been documented within property boundaries, and are included within Minfile reports. A brief summary of these occurrences is provided below:

Pico (Star,Nine,Lake) #082FNE089

Located along the boundary of the Core 8 claim, this showing consists of tungsten, lead, zinc and copper occurring in sediments within a skarn zone (likely related to White Creek Batholith). No assay results are available.

Val (Sko, Chuck, Cas) #082FNE090

Poorly documented- reports only tin and tungsten. No mode of occurrence given. Located within the Core 10 claims.

Pimaco (Cas, Sko, Chuck) #082FNE 092

Veins in diorite (Moyie Sills) reported to contain Cassiterite, Scheelite. Located within the Core 10 claims.

Mc # 082FNE 107

Poorly documented. Lead and Zinc showing reported within Core 7 boundary. It is believed that this area saw limited diamond drilling (500') in the early seventies, but information is unclear at this time.

Greenland Ck (Burnt Ck.) #082FNE112

Located within Core 8 boundary, this showing is reported to contain Beryllium within pegmatite.

St. Anthony # 082KSE041

Located within the Doctor Creek watershed, this showing is overlain by the Core 2 claims, and is *reported to consist of an adit driven in 1963 from which 5 tons of material yielded 355 ounces silver, 55* pounds copper, 180 pounds lead, and 55 pounds zinc. No geologic description is available for this occurrence.

Silver Key (Key) # 082KSE053

This occurrence is located 500m east of the Core 2 property boundary, and has seen limited production over the past 55 years. Described as layer-parallel veins within greenstone and quartzite near the contact with the White Creek Batholith, 308 tons of ore produced 148 ounces gold, 3,816 ounces silver, 33,849 pounds lead, 33,849 pounds zinc, and 271 pounds copper.

Ace #082KSE063

Located within the boundaries of the present Core 1 claim, this prospect is reported to have seen limited diamond drilling. Mineralization is described as being vein-hosted and contain disseminated copper, lead and zinc within both Aldridge sediments, and Moyie Sill material.

1996 PROGRAM (see Fig.3 in pocket)

The primary focus of the $187,000 1996 work program was to continue to evaluate the Northcore and Southcore claim groups for Sullivan-type Sedex mineralization. 1:10000 scale mapping, stream sediment sampling, soil sampling, and prospecting were carried out by field crews on the claims. Samples were shipped to Eco-Tech Labs at Kamloops, BC. Samples were then dried, sieved to -80 mesh and analyzed for Au geochem and 30 element ICP using aqua-regia digestion. High-grade samples were further fire-assayed. Results from the G.S.C./B.C.G.S. Airborne Geophysics survey were sent to a private geophysical contractor for interpretation. Preliminary diamond drill testing was carried out in the Fish Lake area to test for structure and mineralization indicated by geological reconnaissance and geophysics.

Geological Mapping

C.H.B. Leitch, Ph.D., P.Eng. was retained to carry out 1:10000 scale mapping . An area of approximately 50 square km was mapped in the area between the headwaters of Doctor Creek and Fish Lake. A detailed summary of the results is included in the Property Geology section previous.

Stream Sediment Sampling

A total of 25 stream sediment samples were collected during the 1996 program on the Northcore and Southcore claim groups mainly in the Fish Lake area.

Soil Sampling

A total of 130 contour soil samples were collected during the 1996 program. Focused mainly on the Fish Lake area lines were run along the 2200m, 2300m, 2390m, 2450m, 2520m and 2570m elevation contours.

Prospecting

A total of 93 rock samples were collected by field crews during reconnaissance prospecting sorties on the Northcore and Southcore claim groups.

Airborne Geophysics

Data from the 1995 Airborne Geophysics survey was sent to SJ Geophysics of Delta, B.C. for interpretation. Results of this work will not be included in this report, and associated costs not submitted for assessment credit.

Diamond Drilling

Aggressive Diamond Drilling of Kamloops, B.C. was contracted to carry out diamond drilling in the Fish Lake area. The Boyles 25A was mobed to site from a logging landing on Doctor Creek with an A-Star 350B Helicopter chartered through Bighorn Aviation of Cranbrook, B.C. A total of 727.5m (2246') was completed in 5 holes. The core was logged on site and is stored near the drillsites with the exception of DDH96-05 drillcore which is currently located at Wildhorse Farm, Fort Steele, B.C.

1996 RESULTS(see Fig.3 and 4 in pocket)

The results from the 1996 work program on the Northcore and Southcore claim groups are very encouraging with the exception of the Fish Lake diamond drilling program. Two new mineralized showings were located by field crews. Comprehensive 1:10000 scale mapping has indicated at least three areas with Sullivan-type alteration assemblages near the LMC.

Diamond Drilling (see Fig.6 - 10 in pocket)

The results of the 1996 diamond drilling program in the Fish Lake area were disappointing. The drillholes were located to test targets indicated by field mapping and geological reconnaissance, as well as EM - VLF anomalies outlined by the BCGS/GSC airborne geophysical survey. All holes encountered intrusive sills and none intersected significant mineralization.

DDHMF96-01 (072°/-45°) was collared approximately 200m southwest of Fish Lake approximately 20m downslope from an outcrop of fragmental and sericitized fragmental mapped by Leitch. The target was mineralization or alteration similar to that associated with fragmental rock at the Sullivan deposit. The hole did not intersect any fragmental or sedimentary rocks and remained in intrusive gabbroic, porphyritic, and granophyric rocks for the entire length.

DDHMF96-02 (090°/-50°) and DDHMF96-03 (040°/-45°) were collared from the same site on the west side of Fish Creek. The holes were located to intersect a possible downdip extension of a mineralized, 1.5m thick quartz shear exposed in Fish Creek approximately 75m from the drill collar. Outcrop exposure in the creek bottom and on the east side of Fish Creek includes gossanous Aldridge

Formation sediments with lenses of massive pyrrhotite, as well as a large boulder of massive pyrite. These sediments sit unconformably? beneath the quartz shear zone and are a potential host for Sullivan type base metal mineralization. Both holes encountered granophyric rock over their entire length with a thick fault zone possibly associated with the quartz shear. No significant mineralization was encountered. Both holes encountered local pyrrhotite disseminations.

DDHMF96-04 (080°/-45°) was collared on the east side of Fish Creek to test a coincident VLF-EM anomaly outlined by the 1995 Airborne survey. The target was base metal mineralization associated with steeply dipping Aldridge Formation sediments that outcrop approximately 60m from the hole collar. The hole intersected only barren granophyric rock over the entire length with local pyrrhotite disseminations.

DDHMF96-05 (090°/-45°) was collared on the northeast side of Fish Lake to test the nature of a fragmental unit mapped by Leitch. The hole collared in quartz feldspar porphyry, underlain by a package of mixed wacke, siltstone and fragmental. The sedimentary rocks had local pervasive silicification and chlorite - biotite flood, but did not have any significant associated mineralization.

Soil Sampling

Contour soil sampling located a geochemically anomalous area near Fish Lake. A 150m long Cu-Zn-Ag anomaly was located along the 2570m contour. The 6 samples were also anomalous in cobalt and barium.

Prospecting

Prospecting on the Northcore and Southcore Claim groups located two new mineralized showings in the Fish Lake area. The Spuburn, located west of Fish Lake, consists of a 10m long by 0.8m wide quartz vein with disseminated galena. The Jen showing, located in the canyon below Fish Lake, is a 1.5 m wide quartz vein - quartz shear with chalcopyrite, pyrite and pyrrhotite. The zone, exposed over approximately 20m, appears to be close to or at the contact between Aldridge Formation argillites and siltstones and Moyie intrusions and returned anomalous geochemical values including 1078 ppm Cu and 2.25 gm/T Au in sample CDMF96-07.

Geophysics

The B.C.G.S./G.S.C.-sponsored 1995 Airborne Geophysical Survey located a number of geophysical anomalies on the Northcore and Southcore Claim Groups. Two of the anomalies were tested by DDH MF96-02,03, and 04. Although no economic sulphides were encountered in the drillholes, all holes intersected significant amounts of pyrrhotite which may have been the source of the anomalies. 15 separate VLF and Magnetic anomalies remain unchecked.

CONCLUSIONS AND RECOMMENDATIONS

The area overlain by the Northcore and Southcore claims cover a stratigraphic package which is known to host the Sullivan silver-lead-zinc deposit, a world-class orebody located 30km to the south. The area contains numerous documented mineral showings, with an assemblage similar to the Sullivan Deposit itself. Though numerous operators have examined the area in the past, very little drilling has occurred considering the large spatial area, and the number of individual mineral occurrences. The occurrence and widespread distribution of Sullivan-type alteration assemblages also underscores the considerable exploration potential of the area.

A number of mineralized showings and anomalous geoghemical zones exist on the property that have not been subjected to follow-up work. In addition, large areas remain unmapped at 1:10,000 scale. It is recommended that further ground geological exploration be completed on the property, with trenching and possibly further diamond drilling as warranted. Areas in particular that should see further work include the untested coincident airborne geophysical anomaly immediately south of Fish Lake (where mineralization was discovered in 1996), in the Pico Basin area, and in the Nine Lakes area, where anomalous geochemical and geophysical features remain untested. A proposed budget for the above work follows:

<u>PHASE 1</u>

Personnel	$35,000.00
Helicopter Support	$10,000.00
Analytical	$8,000.00
Meals/Grocery	$2000.00

Truck and Equipment Rentals	$2,000.00
Fuel (Diesel, Gasoline, Propane	$1,000.00
Supplies	$2,000.00
Miscellaneous	$6,000.00
Report/Reproduction	$2,000.00
Sub-Total :	$68,000.00
10% Contingency :	$7,000.00
TOTAL Phase 1 :	$75,000.00

PHASE 2

Diamond Drilling	$115,000.00
Personnel	$30,000.00
Helicopter Support	$15,000.00
Mob/Demob	$5,000.00
Analytical	$8,000.00
Meals/Grocery	$5,000.00
Truck/Equipment Rentals	$5,000.00
Fuel (Diesel, Gasoline, Propane	$4,000.00
Supplies	$4,000.00
Miscellaneous	$6,000.00
Report/Reproduction	$3,000.00
Sub-Total :	$200,000.00
10% Contingency :	$20,000.00
TOTAL Phase 2 :	$220,000.00
TOTAL Phase 1, Phase 2 :	$295,000.00

REFERENCES

Anderson, D. (1988): Geological Report, Echo Group, Echo 1 through 6 claims, for Cominco Limited; B.C. MEMPR Assessment Report 16295.

Anderson, H.E. and Davis, D.W. (1995): Age and geological setting of the Aldridge formation and the Sullivan orebody; Evidence of U-Pb geochronology of the Moyie sills, southeastern British Columbia; GAC/MAC Annual Meeting, Program and Abstracts, v. 20, p. A-2.

Buckley, S.N. and Sears, J.W. (in press): Emplacement of sills into wet Belt Supergroup sediments at Perma, western Montana; Montana Bureau of Mines and Geology, Belt Symposium III.

Canadian Institute of Mining (1957): Structural Geology of Canadian Ore Deposits (Volume II), from 6th Commonwealth Mining and Metallurgical Congress, Canada, 1957.

Carr, M. S. (1984a): Geological and lithogeochemical Report, RR 1,2,6,7,8,9,10,11 claims, for Billiton Canada Limited; B.C. MEMPR Assessment Report 13224.

Carr, M. S. (1984b): Geological and lithogeochemical Report, Limekiller claims, for Billiton Canada Limited; B.C. MEMPR Assessment Report 12994.

Chandler, F.W. (1995): The Belt/Purcell as a tensional rift; GAC/MAC Annual Meeting, Program and Abstracts, v. 20, p. A-15.

Clark, J. (1996): Report on reconnaissance microprobe and SEM-EDS microanalysis; unpublished report for Toklat Resources Inc.

Cook, F.A. and Van der Velden, A.J. (1995): Three-dimensional crustal structure of the Purcell Anticlinorium in the Coirdillera of southwestern Canada; Geological Society of America Bulletin.

De Paoli, G.R. and Pattison, D.R.M. (1995): Constraints on temperature-pressure conditions and fluid composition during metamorphism of the Sullivan orebody, Kimberley, British Columbia, from silicate-carbonate equilibria; Can. J. Earth Sci., v. 32, p. 1937-1949.

Einsele, G. (1982): Mechanism of sill intrusion into soft sediment and expulsion of pore water, in Initial Reports of Deep Sea Drilling Project, Volume LXIV, Part 2, p. 1169-1176.

Hamilton, J.M., Delaney, G.D., Hauser, R.L. and Ransom, P.W. (1983): Geology of the Sullivan deposit, Kimberley, B.C., in Sediment-hosted stratiform lead-zinc deposits,

Hoy, T. (1989): *The age, chemistry and tectonic setting of the Middle Proterozoic Moyie sills, Purcell* Supergroup, southeastern British Columbia; Can. J. Earth Sci., v. 26, p. 2305-2317.

_______ (1993): Geology of the Purcell Supergroup in the Fernie West-Half map area, southeastern British Columbia; B.C. Ministry of Energy, Mines and Petroleum Resources Bulletin 84, 157 p.

_______ et al (1995): BSGS Compilation Map; Geoscience Map 1995-1, Geology of the Purcell Supergroup (1:250,000).

_______ Anderson, D., Turner, R.J.W. and Leitch, C.H.B. (in prep.): Tectonic, magmatic and metallogenic history of the early synrift Aldridge succession, Purcell Supergroup,southeastern *British Columbia, in Lydon, J.W. et al., eds., The Sullivan deposit and its geologic* environment; Geological Survey of Canada Paper.

Jensen, S. (1992): Geological and geochemical assessment report on the Rusty Ridge prperty for Teck Corporation; B.C. MEMPR Assessment Report 22229.

Leitch, C.H.B. (1996): Petrographic report on 7 thin sections for Toklat Resources; unpub. report, August 1996.

_______________ Turner, R.J.W. and Hoy, T. (1991): The district-scale Sullivan-North Star alteration zone, Sullivan mine area, British Columbia: a preliminary petrographic study; in Current Research, part E, Geological Survey of Canada Paper 91-1E, p. 33-44.

_______________ Turner, R.J.W., Shaw, D. and Ross, K. (in prep.) Evolution of the Sullivan vent complex, Part 2: Rock alteration and fluid evolution, in Lydon, J.W. et al., eds., The Sullivan deposit and its geological environment; Geological Survey of Canada Paper.

McCartney, I. (198?) Geological map of Echo Lake-Pico Basin area for Cominco Limited;

McLaren, G., Stewart, G. and Lane, R. (1990): Geology and mineral occurrences of the Purcell Wilderness Study area, East Half; B.C. Ministry of Energy, Mines and Petroleum Resources, Open File 1990-20.

McMechan, M.E. and Price, R.A. (1982): Superimposed low-grade metamorphism in the Mount Fisher area, southeastern British Columbia--implications for the East Kootenay Orogeny; Can. J. Earth Sci., v. 19, p. 476-489.

Pautler, J. (1991): Geological and geochemical assessment report on the DOC property for Teck Corporation; B.C. MEMPR Assessment Report 21275.

Reesor, J.E. (1957): GSC Map #12-1957. Lardeau Sheet 82K (East Half) 1:243,440

Reesor, J.E. (1958): Dewar Creek Map-Area with special emphasis on the White Creek Batholith, British Columbia; Geological Survey of Canada, Memoir 292

____________ (1973): Geology of the Lardeau Map-Area, East Half, British Columbia; Geological Survey of Canada, Memoir 369.

____________ *(1993) G.S.C. Open File #2721 Geology of Nelson Map Sheet (East Half)*

Ross, G.M., Parrish, R.R. and Winston, D. (1992): Provenance and U-Pb geochronology of the Mesoproterozoic Belt Supergroup (northwestern United States): implications for age of deposition and pre-Panthalassa plate reconstructions; Earth Planetary Science Letters, v. 113, p. 57-76.

Schofield, S.J. : G.S.C. Memoir #76, pp147-152

Shaw, D.R., et al (1993): Geochemistry of Tourmalinite, Muscovite, and Chlorite-Garnet-Biotite Alteration, Sullivan Zn-Pb Deposit, British Columbia in Current Research, Part A; Geological Survey of Canada, Paper 93-1A, p. 97-107.

Shaw, D.R., et al (1993): Geochemistry of Albite-Chlorite-Pyrite and Chlorite-Pyrrhotite Alteration, Sullivan Zn-Pb Deposit, British Columbia in Current Research, Part A; Geological Survey of Canada, Paper 93-1A, p. 97-107.

Stakes, D.S. and Franklin, J.M. (1994): Petrology ofigneous rocks at Middle Valley, Juan de Fuca Ridge, in Proceedings of the Ocean Drilling Program, Scientific Results (Mottl, M.J., Davis, E.E., Fisher, A.T. and Slack, J.F., eds.), v. 139, p. 79-102.

Termuende, T.J. (1996): Assessment Report for the Core, Doc and Fin Claim Groups

EMPR/GSC British Columbia Regional Geochemical Survey; Kaslo, Lardeau (NTS 82F, 82K).

B.C.G.S./G.S.C. Open File 1996-23: East Kootenay Geophysical Survey, Findlay Creek Area.

EMPR Assessment Reports # 5832, 11224, 11737, 12635, 12994, 13224, 15195, 16925, 18169, 21275, 22229.

EMPR Minfile #082FNE 089, 090, 092,107, 112, 122 EMPR Minfile #082KSE 041, 053, 060, 063

APPENDIX I

Certificates of Qualification

CERTIFICATE OF QUALIFICATION

I, Craig H. B. Leitch, of 492 Isabella Point Road, Salt Spring Island, in the province of British Columbia do hereby certify that:

1) I am a Professional Engineer registered with the Association of Professional Engineers and Geoscientists of British Columbia.

2) I am a 1971 graduate of Queen's University with a B.SC. degree in Geological Engineering, a 1975 graduate of Imperial College of Science and Technology (University of London) with a M. Phil. degree in Mining Geology, and a 1989 graduate of The University of British Columbia with a Ph.D. in Geological Engineering.

3) This report is based on my personal examination of the outcrops, hand samples and thin sections taken from the Northcore and Southcore groups of mineral titles, located in the Fort Steele and Golden Mining Divisions. Additional information including analytical results provided by property owners, and past published reports provided a framework for observations contained herein.

4) This report is supported by data collected during fieldwork conducted between July 15th and July 30th, 1996, as well as information gathered through research.

5) I do not have, nor do I expect to receive, any interest, direct or indirect, in the Northcore and Southcore groups of mineral titles, of the issuer or any affiliate; I do not beneficially own, directly or indirectly, any securities of the issuer or any affiliate.

Dated, this 25th day of April, 1997 in Salt Spring Island, British Columbia.

Craig H. B. Leitch, Ph.D., P.Eng.

CERTIFICATE OF QUALIFICATION

I, Charles C. Downie of Highway 93/95 Fort Steele in the Province of British Columbia hereby certify that:

1) I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia (#20137).

2) I am a graduate of the University of Alberta (1988) with a B.Sc. degree and have practiced my profession as a geologist continuously since graduation.

3) This report is supported by data collected during fieldwork conducted between July 16 and October 9 1996, as well as information gathered through research.

4) I personally carried out the drill core logging.

5) I am the holder of a 2% NSR on a portion of the claim groups covered by this report, namely the Core 1-11, Fin 1-34, and Doc 1-12 titles.

Dated this 30th day of April, 1997 in Cranbrook, British Columbia.

Charles C. Downie, P.Geo.

APPENDIX II

Statement of Expenditures

STATEMENT OF EXPENDITURES- NORTHCORE DRILLING PROGRAM

The following expenses were incurred on the NORTHCORE group of mineral titles for the purpose of mineral exploration between the dates of July 16th to October 9th, 1996.

PERSONNEL	
T.J. Termuende, P.Geo.; Proj. Supervisor: 5.5 days x $400/day	$ 2,200.00
M.J. Walls; Geologist: 1.5 days x $300/day	450.00
M. Betker; First Aid/Tech.: 14.5 days x $300/day	4,350.00
R. Betker; Field Tech: 1.0 days x $250/day	250.00
J. Warriner; Cook: 8.0 days x $250/day	2,000.00
EQUIPMENT RENTAL	
4x4 Pickup: 8.0 days x $50/day	400.00
Mileage: 920km x $.20/km	184.00
Hand-held Radios (4)	595.00
4WD ATV 7.0 days x $75/day	525.00
Chainsaw:	80.00
Generator:	225.00
Camper:	250.00
DIAMOND DRILLING	35,891.58
HELICOPTER CHARTER (Bighorn Aviation)	24,870.90
ANALYTICAL	5,790.90
CONSULTANTS:	
(Big City Resources; C.C. Downie)	6,341.37
(C.H.B. Leitch, P.Eng.)	4,462.50
MEALS/ACCOMODATION/GROCERY	1,523.57
FUEL:	1,017.65
FIELD SUPPLY: 10.0 man-days x $25/day	250.00

COMMUNICATIONS (Satellite Phone, Airtime)	1,046.31
AIRFARE:	124.57
EQUIPMENT RENTAL	354.48
SHIPPING	390.17
PHOTOS	54.02
MISCELLANEOUS	338.24
EXPEDITING	158.54
REPORT/REPRODUCTION (estimate):	2,000.00

Total: $ 96,123.80

Unit cost for drilling: $83.70/ft $258.41/m

STATEMENT OF EXPENDITURES- SOUTHCORE DRILLING PROGRAM

The following expenses were incurred on the SOUTHCORE group of mineral titles for the purpose of mineral exploration between the dates of July 16th to October 9th, 1996.

PERSONNEL	
T.J. Termuende, P.Geo.; Proj. Supervisor: 5.5 days x $400/day	$ 2,200.00
M.J. Walls; Geologist: 1.5 days x $300/day	450.00
M. Betker; First Aid/Tech.: 14.5 days x $300/day	4,350.00
R. Betker; Field Tech: 1.0 days x $250/day	250.00
J. Warriner; Cook: 8.0 days x $250/day	2,000.00
EQUIPMENT RENTAL	
4x4 Pickup: 8.0 days x $50/day	400.00
Mileage: 920km x $.20/km	184.00
Hand-held Radios (4)	595.00
4WD ATV 700 days x $75/day	525.00
Chainsaw:	80.00
Generator:	225.00
DIAMOND DRILLING	35,891.58
HELICOPTER CHARTER (Bighorn Aviation)	24,870.90
ANALYTICAL	3,790.91
CONSULTANTS:	
(Big City Resources; C.C. Downie)	6,341.37
(C.H.B. Leitch, P.Eng.)	2,462.50
MEALS/ACCOMODATION/GROCERY	1,523.57
FUEL:	1,017.65
FIELD SUPPLY: 10.0 man-days x $25/day	250.00

COMMUNICATIONS (Satellite Phone, Airtime)	1,046.31
AIRFARE:	124.57
EQUIPMENT RENTAL	354.48
SHIPPING	390.17
PHOTOS	54.02
MISCELLANEOUS	338.24
EXPEDITING	158.54
REPORT/REPRODUCTION (estimate):	2,000.00

Total: $ 91,873.81

Unit cost for drilling: $83.70/ft $258.41/m

APPENDIX III

Analytical Results

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

Eco-Tech LABORATORIES LTD.

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-934

TOKLAT RESOURCES INC.
SS1, SITE 7-95
2720-17th STREET SOUTH
CRANBROOK, B.C.
V1C 4H4

ATTENTION: TIM TERMUENDE

No. of samples received:127
Sample Type:ROCK
PROJECT #:GREENLAND CK
SHIPMENT #:96A
Samples submitted by:T.TERMEUNDE

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)	As (%)
33	21-7-1	-	-	-	-	1.49	-	12.90
45	TTMF96-04	-	-	-	-	-	-	4.06
55	TTDC96-05	-	-	51.9	1.51	-	0.76	-
56	TTDC96-06	-	-	53.2	1.55	-	-	-
61	TTDC96-11	-	-	-	-	1.71	-	-
62	TTDC96-12	-	-	-	-	1.76	-	-
63	TTDC96-13	-	-	457.0	13.33	31.10	-	-
64	TTDC96-14	-	-	121.5	3.54	5.67	-	-
65	TTRT96-01	-	-	-	-	3.07	11.85	-
74	MWR4	-	-	61.3	1.79	5.42	-	-
96	MWR26	-	-	357.0	10.41	5.41	-	-
97	MBMF96-01	-	-	62.3	1.82	3.83	-	-
105	CDMFR-07	2.25	0.066	-	-	-	-	-
106	CDMFR-08	1.92	0.056	-	-	-	-	-
126	CDDOCR-9	-	-	-	-	-	-	23.10
QC DATA:								
Resplit:								
106	CDMFR-08	2.07	0.060	-	-	-	-	-
Standard:								
CD-I		-	-	-	-	-	-	0.66
CPb-1		-	-	632.0	18.43	-	4.42	-

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96TOKLAT

10-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK96-934

TOKLAT RESOURCES INC.
SS1, SITE 7-95
2720-17th STREET SOUTH
CRANBROOK, B.C.
V1C 4H4

ATTENTION: TIM TERMUENDE

No. of samples received:127
Sample Type:ROCK
PROJECT #:GREENLAND CK
SHIPMENT #:96A
Samples submitted by:T.TERMEUNDE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	CLO-01	5	<0.2	1.70	<5	180	10	0.09	<1	17	117	42	4.55	10	0.89	226	<1	0.03	20	290	<2	<5	<20	8	0.21	<10	31	<10	10	17
2	CLO-02	5	<0.2	0.59	<5	35	<5	0.29	<1	6	109	<1	1.13	20	0.34	154	<1	0.07	5	520	4	<5	<20	2	0.18	<10	38	<10	21	11
3	CLO-03	5	<0.2	2.44	<5	40	<5	1.44	<1	18	188	108	3.64	10	0.14	70	12	0.21	16	600	6	<5	<20	88	0.10	<10	19	<10	11	21
4	CLO-04	5	<0.2	1.14	<5	60	<5	0.18	<1	8	143	17	2.63	30	0.47	235	3	0.02	10	550	20	<5	<20	3	0.11	<10	12	<10	16	37
5	CLO-05	5	<0.2	0.60	<5	60	<5	0.19	<1	1	39	<1	0.43	20	0.14	66	1	0.02	3	770	2	<5	<20	<1	0.02	<10	4	<10	10	8
6	CLO-20	5	<0.2	1.33	<5	165	10	0.55	<1	12	149	98	8.84	10	0.13	175	<1	0.31	1	890	6	<5	<20	28	0.40	<10	8	<10	21	16
7	CLO-21	5	<0.2	0.97	<5	70	<5	0.09	<1	4	101	12	2.46	20	0.54	83	4	0.02	4	320	6	<5	<20	3	0.11	<10	16	<10	9	12
8	CLO-22	5	<0.2	0.21	<5	25	<5	0.09	<1	1	203	8	1.18	<10	0.01	33	12	0.04	3	610	4	<5	<20	3	<0.01	<10	2	<10	6	2
9	CLO-23	5	<0.2	0.37	<5	35	<5	0.52	<1	7	147	26	0.99	<10	0.08	123	2	0.04	11	190	12	<5	<20	4	0.07	<10	4	<10	24	4
10	CLO-24	5	<0.2	1.27	<5	20	<5	5.06	<1	16	127	24	3.02	<10	1.15	603	5	0.05	18	480	<2	<5	<20	23	0.11	<10	49	<10	15	31
11	CLO-25	5	<0.2	1.80	<5	45	<5	0.73	<1	12	80	34	2.62	<10	0.53	267	2	0.07	17	410	10	<5	<20	13	0.11	<10	9	<10	9	23
12	CLO-26	5	<0.2	1.48	<5	70	5	0.48	<1	6	183	15	3.38	<10	0.90	234	13	0.10	3	530	14	<5	<20	14	0.18	<10	21	<10	10	33
13	CLO-27	5	<0.2	1.46	<5	30	<5	0.85	<1	33	492	59	1.43	<10	0.17	154	6	0.19	30	160	6	<5	<20	19	0.11	<10	12	<10	6	18
14	CLO-27A	5	<0.2	1.21	<5	65	5	0.25	<1	15	171	29	3.04	10	0.74	183	6	0.03	18	430	12	<5	<20	4	0.17	<10	14	<10	12	34
15	CLO-29	5	<0.2	0.33	<5	50	<5	0.02	<1	4	239	2	1.52	10	0.01	30	4	<0.01	7	210	6	<5	<20	3	0.07	<10	2	<10	1	<1
16	CLO-29A	5	<0.2	1.83	<5	155	5	0.21	<1	7	223	2	3.15	<10	0.73	544	9	0.06	5	460	6	<5	<20	6	0.17	<10	19	<10	13	51
17	CLO-30	5	<0.2	1.36	<5	100	<5	0.18	<1	15	119	28	2.87	<10	0.73	278	<1	0.04	20	390	20	<5	<20	2	0.15	<10	19	<10	11	43
18	CLO-31	5	<0.2	1.74	<5	130	<5	0.37	<1	10	113	37	3.29	30	0.96	579	2	0.03	10	450	8	<5	<20	2	0.20	<10	29	<10	16	153
19	CLO-32	5	<0.2	2.03	<5	165	5	0.26	<1	15	112	54	4.06	20	1.34	833	<1	0.03	21	590	28	<5	<20	1	0.20	<10	25	<10	18	501
20	CLO-33	5	<0.2	1.07	<5	70	<5	1.15	<1	68	110	627	4.62	<10	0.37	329	4	0.08	11	1760	6	<5	<20	13	0.21	<10	14	<10	19	38
21	CLO-34	5	<0.2	1.13	<5	80	5	0.15	<1	6	80	9	3.10	10	0.63	265	1	0.02	5	460	12	<5	<20	3	0.13	<10	12	<10	10	40
22	CLO-35	5	<0.2	1.47	<5	160	<5	0.23	<1	13	130	48	3.61	10	0.61	447	2	0.02	12	740	6	<5	<20	4	0.20	<10	18	<10	11	48
23	CLO-36	5	<0.2	1.25	<5	80	<5	0.32	<1	15	142	56	4.03	10	0.68	392	<1	0.04	11	320	6	<5	<20	5	0.17	<10	22	<10	10	46
24	CLO-37	5	<0.2	4.68	<5	985	25	0.52	<1	20	48	2	>10	<10	1.45	1166	<1	0.03	5	1950	<2	<5	<20	4	0.54	<10	121	<10	19	197
25	CLO-38	5	<0.2	1.37	20	85	<5	0.34	<1	31	168	64	3.14	20	0.89	305	1	0.05	37	470	10	<5	<20	8	0.18	<10	20	<10	11	40

TOKLAT RESOURCES INC. | ICP CERTIFICATE OF ANALYSIS AK96-934 | ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	CLO-39	5	<0.2	0.92	<5	80	<5	0.21	<1	10	201	21	3.05	10	0.40	201	13	0.03	10	250	8	<5	<20	6	0.12	<10	13	<10	8	83
27	CLO-40	5	<0.2	2.99	<5	150	10	0.66	<1	14	113	29	5.28	10	2.33	929	<1	0.07	10	480	14	<5	<20	23	0.24	<10	45	<10	13	233
28	CLO-41	5	<0.2	0.46	<5	45	5	0.39	<1	23	221	58	4.05	10	0.11	147	9	0.05	18	680	12	<5	<20	11	0.16	<10	17	<10	13	12
29	CLO-42	5	<0.2	1.11	<5	90	<5	0.30	<1	13	165	24	3.86	10	0.54	186	4	0.03	17	290	24	<5	<20	6	0.15	<10	13	<10	5	46
30	CLO-43	5	<0.2	1.40	<5	105	5	0.24	<1	10	107	14	3.41	10	0.64	184	3	0.02	10	880	4	<5	<20	1	0.15	<10	20	<10	11	21
31	CLO-44	5	<0.2	0.96	<5	65	<5	0.09	<1	18	169	23	2.40	10	0.40	168	<1	0.04	15	280	6	<5	<20	2	0.16	<10	21	<10	9	19
32	CLO-45	5	<0.2	1.51	<5	90	5	0.38	<1	15	144	29	3.99	20	0.80	226	5	0.03	19	570	6	<5	<20	6	0.16	<10	15	<10	14	38
33	21-7-1	130	16.2	0.17	>10000	70	45	0.04	<1	62	92	6	>10	<10	<0.01	220	16	<0.01	19	<10	>10000	<5	<20	17	<0.01	20	1	<10	<1	2210
34	21-7-2	5	<0.2	0.81	325	80	<5	0.16	<1	8	97	21	4.11	10	0.20	98	29	0.01	16	740	64	<5	<20	11	<0.01	<10	6	<10	2	49
35	21-7-3	5	<0.2	0.83	275	70	<5	0.01	<1	4	113	27	3.31	20	0.28	97	5	0.01	3	170	46	<5	<20	4	0.01	<10	6	<10	<1	30
36	21-7-4	5	<0.2	1.08	15	70	5	0.01	<1	7	72	18	6.12	20	0.43	278	9	0.01	5	170	28	<5	<20	4	0.02	<10	8	<10	<1	51
37	21-7-5	5	0.4	1.43	15	55	<5	0.02	<1	18	90	38	4.32	<10	0.66	223	7	0.02	19	180	16	<5	<20	2	0.02	<10	10	<10	<1	72
38	21-7-6	5	<0.2	0.87	15	95	<5	0.01	<1	4	83	28	4.18	20	0.23	81	14	<0.01	6	520	58	<5	<20	10	0.02	<10	6	<10	<1	33
39	21-7-7	5	<0.2	0.58	20	65	<5	0.25	<1	5	210	<1	1.30	30	0.21	214	10	0.02	7	130	36	<5	<20	13	0.04	<10	4	<10	3	24
40	21-7-8	5	<0.2	1.01	30	40	<5	<0.01	<1	7	164	37	2.89	20	0.33	137	7	0.02	9	180	22	<5	<20	6	<0.01	<10	6	<10	<1	38
41	21-7-9	20	<0.2	0.22	190	80	10	<0.01	<1	3	101	<1	4.84	<10	0.01	19	9	0.11	2	50	126	<5	<20	7	0.01	<10	8	<10	<1	3
42	TTMF96-01	5	<0.2	1.47	<5	25	5	<0.01	<1	6	150	20	5.31	20	1.02	151	9	0.03	6	300	6	<5	<20	<1	<0.01	<10	26	<10	<1	16
43	TTMF96-02	5	<0.2	0.03	<5	<5	<5	<0.01	<1	7	247	29	2.08	<10	<0.01	48	14	<0.01	12	<10	<2	<5	<20	<1	<0.01	<10	<1	<10	<1	<1
44	TTMF96-03	5	<0.2	0.13	<5	15	5	3.58	<1	20	31	137	3.04	<10	0.25	972	4	<0.01	9	<10	4	<5	<20	3	<0.01	<10	19	<10	<1	19
45	TTMF96-04	100	<0.2	0.27	>10000	45	20	0.17	<1	2509	201	208	9.91	<10	0.03	58	18	<0.01	110	<10	18	<5	<20	3	0.01	<10	8	<10	<1	8
46	TTMF96-05	5	7.8	0.04	210	5	165	0.02	<1	24	257	70	2.11	<10	<0.01	148	10	<0.01	11	<10	84	<5	<20	<1	<0.01	<10	2	<10	<1	3
47	TTMF96-06	5	<0.2	0.76	130	30	<5	0.04	<1	24	290	30	3.62	<10	0.59	179	15	<0.01	9	130	6	<5	<20	<1	0.04	<10	31	<10	<1	22
48	TTMF96-07	5	<0.2	0.73	5	35	<5	0.20	<1	5	130	32	1.62	<10	0.37	119	1	0.05	2	440	6	<5	<20	6	0.12	<10	28	<10	8	17
49	TTMF96-08	5	<0.2	0.17	15	5	<5	0.05	<1	11	208	19	1.22	<10	0.12	445	8	<0.01	7	80	14	<5	<20	1	<0.01	<10	6	<10	<1	2214
50	TTMF96-09	5	0.2	0.36	<5	20	55	0.01	<1	3	162	25	1.67	40	<0.01	60	7	0.02	5	190	24	<5	<20	2	<0.01	<10	<1	<10	8	36
51	TTDC96-01	5	<0.2	0.37	15	45	<5	0.01	<1	1	133	2	1.23	20	0.07	37	9	0.02	3	270	6	<5	<20	3	<0.01	<10	3	<10	1	19
52	TTDC96-02	5	0.2	0.87	<5	55	<5	<0.01	<1	2	54	22	3.00	20	0.44	90	5	<0.01	2	380	16	<5	<20	4	<0.01	<10	6	<10	<1	26
53	TTDC96-03	5	0.2	0.04	10	<5	<5	<0.01	<1	3	176	9	0.57	<10	<0.01	172	9	<0.01	7	<10	26	<5	<20	<1	<0.01	<10	<1	<10	<1	22
54	TTDC96-04	5	<0.2	0.37	10	35	<5	0.01	<1	10	197	93	6.10	<10	0.08	223	12	<0.01	11	<10	46	<5	<20	2	<0.01	<10	5	<10	<1	22
55	TTDC96-05	5	>30	0.04	15	35	105	0.03	<1	21	206	124	7.22	<10	<0.01	6160	12	<0.01	9	10	6864	<5	<20	4	<0.01	<10	1	<10	<1	>10000
56	TTDC96-06	5	>30	0.04	75	20	110	<0.01	<1	6	300	74	4.96	<10	<0.01	150	14	<0.01	7	<10	6844	<5	<20	3	<0.01	<10	1	<10	<1	1479
57	TTDC96-07	5	9.0	0.22	30	60	<5	1.00	<1	8	114	165	3.20	<10	0.13	1820	6	<0.01	6	120	8588	<5	<20	33	<0.01	<10	2	<10	<1	5310
58	TTDC96-08	5	0.4	0.22	<5	55	<5	0.03	<1	4	156	4	1.01	20	0.02	280	6	0.02	6	80	244	<5	<20	2	0.01	<10	2	<10	2	119
59	TTDC96-09	5	0.2	0.78	585	85	5	0.02	<1	11	35	3	5.74	50	0.04	557	7	0.01	15	450	56	<5	<20	6	<0.01	<10	6	<10	1	101
60	TTDC96-10	5	<0.2	0.64	<5	10	<5	0.02	<1	3	251	<1	2.40	<10	0.43	118	11	<0.01	6	170	24	<5	<20	1	<0.01	<10	5	<10	<1	39

TOKLAT RESOURCES INC. ICP CERTIFICATE OF ANALYSIS AK96-934 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	TTDC96-11	5	24.8	0.02	540	10	<5	0.01	<1	3	201	105	1.75	<10	<0.01	663	12	<0.01	14	10	>10000	10	<20	1	<0.01	<10	<1	<10	<1	303
62	TTDC96-12	5	5.0	0.15	6480	40	<5	<0.01	<1	2	112	143	1.30	30	<0.01	31	14	<0.01	3	760	>10000	10	<20	5	<0.01	<10	2	<10	<1	46
63	TTDC96-13	5	>30	0.01	1205	5	<5	<0.01	<1	1	213	347	0.67	<10	<0.01	37	12	<0.01	11	<10	>10000	375	<20	8	<0.01	<10	<1	<10	<1	17
64	TTDC96-14	5	>30	0.08	5140	20	40	0.05	<1	3	356	5	0.97	<10	<0.01	58	16	<0.01	9	520	>10000	60	<20	7	<0.01	<10	2	<10	1	122
65	TTRT96-01	70	4.8	0.22	90	35	5	3.73	<1	24	68	43	6.30	<10	0.94	1477	<1	0.04	21	90	>10000	<5	<20	229	<0.01	<10	4	<10	<1	>10000
66	TTRT96-02	5	1.0	0.53	20	60	<5	0.28	<1	14	69	48	4.01	<10	0.16	1111	5	0.02	21	320	1646	<5	<20	16	<0.01	<10	5	<10	<1	3769
67	CDRT-01	5	2.0	0.07	10	5	<5	0.16	<1	10	221	161	1.75	<10	0.04	163	10	0.02	16	60	5650	<5	<20	8	<0.01	<10	<1	<10	<1	3728
68	CDRT-02	5	0.8	0.52	15	25	<5	0.04	<1	6	211	24	1.97	<10	0.18	178	9	0.02	10	140	876	<5	<20	3	<0.01	<10	6	<10	<1	732
69	CDRT-03	5	<0.2	0.14	<5	15	<5	0.42	<1	10	158	182	2.06	<10	0.06	495	6	0.02	14	90	696	<5	<20	19	<0.01	<10	2	<10	<1	8759
70	MBL2450-0+00	5	<0.2	3.04	<5	215	10	5.94	<1	29	214	14	5.70	<10	2.31	1816	1	0.01	35	70	36	<5	<20	23	0.26	<10	184	<10	5	148
71	MWR1	5	<0.2	0.11	<5	50	<5	<0.01	<1	18	195	<1	1.86	<10	0.07	86	11	<0.01	5	<10	36	<5	<20	<1	<0.01	<10	2	<10	<1	49
72	MWR2	5	1.8	0.32	30	50	10	0.01	<1	15	222	32	3.87	<10	0.04	127	14	<0.01	8	80	80	<5	<20	<1	<0.01	<10	2	<10	<1	91
73	MWR3	5	<0.2	1.38	25	35	10	0.01	<1	186	148	<1	7.85	<10	1.33	173	12	<0.01	14	40	26	<5	<20	<1	<0.01	<10	34	<10	<1	40
74	MWR4	5	>30	0.22	<5	15	30	0.58	<1	14	205	65	2.01	<10	0.08	1933	11	<0.01	65	80	>10000	30	<20	17	<0.01	<10	1	<10	5	1707
75	MWR5	5	1.0	0.27	130	65	5	0.37	<1	41	184	27	4.35	<10	<0.01	367	8	0.01	74	150	414	<5	<20	12	0.02	<10	3	<10	<1	3907
76	MWR6	5	<0.2	5.01	<5	50	10	0.21	<1	30	143	16	>10	<10	5.10	895	11	<0.01	22	730	170	<5	<20	8	0.06	<10	283	<10	<1	108
77	MWR7	60	2.4	1.61	<5	25	<5	2.68	<1	16	201	2224	5.30	<10	0.85	736	11	<0.01	9	<10	60	<5	<20	33	0.03	<10	127	<10	<1	88
78	MWR8	5	<0.2	0.33	5	10	<5	>10	<1	7	138	22	0.97	<10	0.21	675	7	<0.01	7	20	42	<5	<20	37	0.01	<10	19	<10	<1	15
79	MWR9	5	0.2	0.32	5	35	<5	0.15	<1	7	211	20	1.39	30	0.09	240	8	0.02	11	140	76	<5	<20	5	0.02	<10	3	<10	5	29
80	MWR10	5	0.4	1.03	<5	55	<5	0.05	<1	16	71	59	3.68	30	0.36	225	5	0.02	15	250	60	<5	<20	5	0.01	<10	10	<10	3	93
81	MWR11	5	1.6	0.11	<5	50	<5	0.02	<1	27	212	394	>10	<10	<0.01	355	19	0.01	4	50	10	<5	<20	14	0.01	<10	3	<10	<1	28
82	MWR12	5	<0.2	0.74	90	120	<5	0.04	<1	26	150	801	>10	<10	0.02	449	22	<0.01	3	670	36	<5	<20	8	0.06	20	36	<10	<1	48
83	MWR13	5	<0.2	0.05	<5	5	<5	<0.01	<1	4	198	40	0.90	<10	<0.01	71	11	<0.01	5	<10	8	<5	<20	<1	0.01	<10	8	<10	<1	6
84	MWR14	5	5.2	0.12	<5	10	<5	<0.01	<1	16	236	42	1.30	<10	0.07	662	12	<0.01	7	<10	3156	<5	<20	<1	<0.01	<10	14	<10	<1	14
85	MWR15	5	7.2	0.03	585	5	<5	0.02	<1	11	283	59	1.92	<10	<0.01	938	11	<0.01	9	90	9150	<5	<20	<1	<0.01	<10	5	<10	<1	458
86	MWR16	10	<0.2	0.60	10	215	40	0.04	<1	20	23	4	>10	20	0.09	163	39	<0.01	10	<10	86	<5	<20	8	<0.01	100	7	<10	<1	48
87	MWR17	5	2.0	1.31	30	35	<5	0.06	<1	5	147	8	3.04	10	1.03	320	7	<0.01	14	330	734	<5	<20	<1	<0.01	<10	9	<10	<1	2418
88	MWR18	5	0.8	0.35	80	35	<5	<0.01	<1	4	201	52	1.81	20	<0.01	72	8	<0.01	14	120	514	<5	<20	<1	<0.01	<10	4	<10	<1	125
89	MWR19	5	<0.2	0.02	<5	10	<5	<0.01	<1	2	336	18	1.12	<10	<0.01	52	17	<0.01	6	<10	12	<5	<20	2	<0.01	<10	1	<10	<1	3
90	MWR20	5	<0.2	1.39	<5	105	<5	0.10	<1	7	160	30	3.71	<10	0.80	337	6	0.03	7	460	26	<5	<20	2	0.12	<10	23	<10	5	51
91	MWR21	10	<0.2	1.15	<5	80	<5	0.17	<1	15	130	29	2.99	20	0.59	132	5	0.02	19	420	14	<5	<20	1	0.13	<10	13	<10	13	20
92	MWR22	5	<0.2	0.23	<5	35	<5	0.16	<1	23	196	233	6.67	<10	0.12	192	12	<0.01	30	60	42	<5	<20	1	<0.01	<10	12	<10	<1	23
93	MWR23	5	<0.2	0.68	<5	50	<5	0.14	<1	10	109	44	2.66	<10	0.34	105	5	0.01	10	310	18	<5	<20	2	0.09	<10	9	<10	9	14
94	MWR24	5	<0.2	1.88	<5	255	<5	0.16	<1	11	175	1	4.05	10	0.75	288	3	0.01	17	580	12	<5	<20	<1	0.21	<10	26	<10	8	64
95	MWR25	5	<0.2	0.01	<5	35	15	<0.01	<1	118	130	<1	8.23	<10	<0.01	23	14	<0.01	15	<10	6	<5	<20	<1	<0.01	<10	3	<10	<1	3

TOKLAT RESOURCES INC. ICP CERTIFICATE OF ANALYSIS AK96-934 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
96	MWR26	15	>30	0.04	365	<5	1180	0.05	<1	2	250	89	0.97	<10	<0.01	42	8	<0.01	4	50	>10000	<5	<20	<1	<0.01	<10	2	<10	<1	<1
97	MBMF96-01	5	>30	1.23	<5	120	145	0.99	<1	8	156	15	2.33	20	0.59	680	30	0.03	12	1310	>10000	<5	<20	23	0.11	<10	21	<10	17	48
98	MBMF96-02	5	4.4	1.66	<5	35	15	5.68	<1	9	311	7	4.17	<10	1.77	1090	10	0.02	20	330	1322	<5	<20	6	<0.01	<10	86	<10	4	42
99	CDMFR-01	5	<0.2	0.63	<5	25	<5	0.77	<1	22	171	164	3.09	<10	0.57	272	9	0.04	16	30	96	<5	<20	<1	0.05	<10	49	<10	2	17
100	CDMFR-02	5	<0.2	1.55	<5	30	<5	2.03	<1	50	97	225	5.59	<10	0.93	607	<1	0.13	6	470	50	<5	<20	3	0.26	<10	192	<10	11	37
101	CDMFR-03	5	<0.2	0.99	<5	130	<5	1.10	<1	11	100	20	2.98	20	0.45	2549	6	0.02	16	600	28	<5	<20	6	0.09	<10	16	<10	8	24
102	CDMFR-04	5	<0.2	5.30	<5	260	15	3.65	<1	30	149	13	9.18	<10	4.47	1423	<1	0.03	38	850	28	<5	<20	15	0.26	<10	280	<10	8	212
103	CDMFR-05	5	0.2	1.10	<5	65	<5	0.55	<1	11	205	289	4.95	<10	0.87	349	10	0.03	6	300	16	<5	<20	2	0.08	<10	53	<10	<1	37
104	CDMFR-06	5	<0.2	0.11	35	15	10	0.02	<1	23	261	17	2.66	<10	0.02	66	12	<0.01	9	<10	14	<5	<20	<1	<0.01	<10	4	<10	<1	4
105	CDMFR-07	>1000	<0.2	0.01	<5	240	35	0.03	<1	343	<1	1078	>10	20	<0.01	7	40	<0.01	129	<10	<2	<5	<20	4	<0.01	110	2	<10	<1	25
106	CDMFR-08	>1000	<0.2	0.01	<5	10	<5	<0.01	<1	5	307	314	2.13	<10	<0.01	54	12	<0.01	6	<10	8	<5	<20	<1	<0.01	<10	4	<10	<1	4
107	CDMFR-09	5	<0.2	1.43	<5	130	<5	0.19	<1	8	142	8	2.92	<10	0.65	279	3	0.05	9	340	12	<5	<20	<1	0.15	<10	36	<10	12	33
108	CDMFR-10	5	<0.2	1.83	<5	50	10	1.05	<1	19	91	77	7.22	<10	0.81	355	8	0.04	7	3350	8	<5	<20	3	0.06	<10	35	<10	8	45
109	CDMFR-11	5	<0.2	0.92	<5	160	30	0.18	<1	30	28	124	>10	10	0.42	493	26	0.01	6	830	2	<5	<20	4	0.04	50	54	<10	<1	42
110	CDMFR-12	5	1.0	0.32	<5	40	170	3.74	<1	31	200	156	5.55	<10	1.67	5735	11	0.01	30	330	32	<5	<20	25	0.01	<10	16	<10	2	38
111	CDMFR-13	5	<0.2	2.07	270	95	15	1.68	<1	36	141	96	9.83	<10	0.83	752	8	0.06	4	2510	14	<5	<20	13	0.19	<10	33	<10	7	56
112	CDMFR-14	5	<0.2	2.07	270	95	15	1.68	<1	36	141	96	9.83	<10	0.83	752	8	0.06	4	2510	12	<5	<20	13	0.19	<10	33	<10	7	56
113	CDMFR-15	5	<0.2	0.68	<5	70	<5	0.20	<1	9	148	27	2.18	10	0.30	261	3	0.05	8	60	8	<5	<20	2	0.11	<10	17	<10	7	28
114	CDMFR-16	5	<0.2	0.89	<5	65	<5	0.06	<1	10	160	52	3.67	<10	0.54	194	6	0.06	4	140	14	<5	<20	<1	0.10	<10	51	<10	6	35
115	CDMFR-17	5	<0.2	0.78	<5	40	<5	0.03	<1	9	86	81	7.11	<10	0.42	147	8	0.03	2	170	10	<5	<20	<1	0.05	<10	35	<10	<1	28
116	CDMFR-18	5	1.2	0.15	<5	30	<5	0.85	<1	12	241	986	6.61	<10	0.49	1146	14	<0.01	6	80	<2	<5	<20	4	<0.01	<10	9	<10	<1	29
117	CDMFR-19	5	<0.2	0.10	<5	210	<5	0.04	<1	871	<1	926	>10	20	<0.01	28	38	<0.01	84	<10	<2	<5	<20	3	<0.01	100	6	<10	<1	26
118	CDDOCR-1	5	<0.2	1.69	10	45	5	0.05	<1	45	89	6	5.62	<10	1.53	243	7	0.02	16	470	10	<5	<20	<1	<0.01	<10	19	<10	<1	43
119	CDDOCR-2	5	0.2	1.10	10	35	<5	0.03	<1	17	139	<1	3.08	<10	0.87	171	7	0.01	15	180	22	<5	<20	<1	<0.01	<10	9	<10	<1	65
120	CDDOCR-3	5	0.4	0.11	<5	25	<5	0.04	<1	9	193	25	1.73	<10	0.02	495	11	0.03	6	100	18	<5	<20	1	<0.01	<10	1	<10	<1	6
121	CDDOCR-4	5	0.2	1.16	<5	75	<5	0.08	<1	9	56	32	5.37	20	0.66	210	9	<0.01	14	680	76	<5	<20	6	<0.01	<10	9	<10	<1	88
122	CDDOCR-5	5	<0.2	2.17	<5	80	10	0.09	<1	17	179	22	5.90	<10	1.40	471	11	0.01	24	150	116	<5	<20	1	0.08	<10	207	<10	<1	90
123	CDDOCR-6	5	<0.2	0.16	100	20	<5	0.29	<1	141	194	59	3.74	<10	0.15	87	7	<0.01	6	<10	48	<5	<20	2	<0.01	<10	11	<10	<1	5
124	CDDOCR-7	5	<0.2	0.64	<5	30	<5	0.01	<1	4	132	11	2.14	20	0.39	106	8	0.02	4	130	14	<5	<20	<1	0.02	<10	7	<10	2	21
125	CDDOCR-8	10	<0.2	1.87	<5	55	<5	1.56	<1	18	88	326	8.72	<10	0.36	648	6	0.07	1	2460	22	<5	<20	16	0.12	<10	2	<10	16	48
126	CDDOCR-9	135	<0.2	0.04	>10000	150	<5	0.02	<1	204	<1	912	>10	<10	<0.01	27	45	<0.01	<1	<10	30	<5	<20	2	<0.01	70	2	<10	<1	25
127	CDDOCR-10	5	0.8	1.29	1895	5	<5	0.01	<1	7	178	5	2.11	<10	1.65	305	5	<0.01	8	40	226	5	<20	<1	<0.01	<10	20	<10	<1	52

TOKLAT RESOURCES INC. ICP CERTIFICATE OF ANALYSIS AK96-934 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC/DATA:																														
Resplit:																														
1	CLO-01	5	<0.2	1.64	<5	155	5	0.09	<1	17	119	39	4.61	10	0.86	224	3	0.03	20	290	4	<5	<20	6	0.21	<10	30	<10	9	19
36	21-7-4	5	<0.2	1.11	20	75	5	0.02	<1	7	80	17	6.43	20	0.43	281	8	0.01	6	170	30	<5	<20	4	0.01	<10	9	<10	<1	58
71	MRW1	5	<0.2	0.10	<5	50	<5	0.02	<1	18	210	<1	1.96	<10	0.06	92	13	<0.01	9	<10	30	<5	<20	<1	<0.01	<10	3	<10	<1	39
106	CDMFR-08	>1000	<0.2	0.01	<5	5	<5	<0.01	<1	4	314	320	2.07	<10	<0.01	50	13	<0.01	7	<10	6	<5	<20	<1	<0.01	<10	3	<10	<1	4
Repeat:																														
1	CLO-01	5	<0.2	1.64	<5	175	5	0.09	<1	17	115	38	4.53	10	0.86	223	<1	0.03	19	290	4	<5	<20	8	0.21	<10	30	<10	9	17
10	CLO-24	5	<0.2	1.24	<5	20	<5	5.07	<1	16	127	24	3.03	<10	1.12	607	5	0.05	17	470	2	<5	<20	23	0.11	<10	49	<10	15	33
19	CLO-32	5	<0.2	2.02	<5	145	5	0.25	<1	15	112	54	4.11	20	1.34	840	<1	0.03	18	600	28	<5	<20	2	0.20	<10	25	<10	17	517
36	21-7-4	5	<0.2	1.05	10	65	5	0.01	<1	7	71	18	6.14	20	0.42	277	10	0.01	6	160	30	<5	<20	4	0.01	<10	8	<10	<1	52
45	TTMF96-04	115	<0.2	0.26	>10000	45	20	0.16	<1	2510	195	204	9.84	<10	0.03	60	18	<0.01	110	<10	18	<5	<20	4	<0.01	<10	7	<10	<1	8
54	TTDC96-04	5	<0.2	0.38	<5	40	<5	0.01	<1	10	194	97	6.27	<10	0.08	223	12	<0.01	11	<10	48	<5	<20	2	<0.01	<10	5	<10	<1	22
71	MRW1	5	<0.2	0.11	<5	50	<5	<0.01	<1	18	190	<1	1.88	<10	0.07	84	11	<0.01	6	<10	36	<5	<20	<1	<0.01	<10	2	<10	<1	45
80	MRW10	5	0.2	1.01	<5	55	<5	0.05	<1	16	69	59	3.66	30	0.36	225	5	0.02	15	250	56	<5	<20	6	0.01	<10	10	<10	3	92
89	MRW19	5	<0.2	0.02	<5	<5	<5	<0.01	<1	2	336	18	1.13	<10	<0.01	55	17	<0.01	6	<10	14	<5	<20	<1	<0.01	<10	1	<10	<1	2
106	CDMFR-08	>1000	0.2	0.01	<5	5	<5	<0.01	<1	5	311	312	2.14	<10	<0.01	60	12	<0.01	7	<10	6	<5	<20	<1	<0.01	<10	4	<10	<1	4
115	CDMFR-17	5	<0.2	0.78	<5	40	<5	0.03	<1	9	86	80	7.08	<10	0.42	151	8	0.03	3	180	10	<5	<20	<1	0.05	<10	35	<10	<1	28
124	CDDOCR-7	-	<0.2	0.65	<5	35	<5	0.01	<1	3	135	11	2.12	20	0.39	109	8	0.02	3	130	14	<5	<20	1	0.02	<10	8	<10	2	21
Standard:																														
GEO 96		140	1.0	1.97	60	160	5	1.96	<1	20	69	80	4.42	<10	1.03	743	<1	0.02	22	750	18	<5	<20	69	0.15	<10	87	<10	6	70
GEO 96		145	1.0	1.96	70	170	5	2.09	<1	21	72	79	4.10	<10	1.03	779	<1	0.02	20	820	26	<5	<20	67	0.15	<10	88	<10	6	79
GEO 96		150	1.0	1.96	65	170	<5	2.10	<1	21	71	79	4.06	<10	1.03	769	<1	0.02	22	810	22	<5	<20	68	0.15	<10	87	<10	7	77
GEO 96		150	1.0	1.90	55	170	<5	2.00	<1	21	69	79	4.08	<10	1.02	754	<1	0.02	24	800	22	<5	<20	63	0.14	<10	85	<10	6	75

df/934
XLS96/TOKLAT#2

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

11-Sep-[illegible]

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK96-1070

TOKLAT RESOURCES INC.
SS1, SITE 7-95
2720-17th STREET SOUTH
CRANBROOK, B.C.
V1C 4H4

ATTENTION: TIM TERMUENDE

No. of samples received: 18
Sample Type: ROCK
PROJECT #: DOC
SHIPMENT #: DC96-02
Samples submitted by: T. Termuende

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	TTDC96-15	1.4	0.34	1530	50	<5	0.04	<1	5	84	60	2.21	30	0.02	477	7	<0.01	10	350	1908	<5	<20	3	<0.01	<10	4	<10	<1	96
2	TTDC96-16	3.6	0.34	1840	65	<5	0.05	<1	6	96	65	2.11	30	0.01	282	7	<0.01	12	420	3224	<5	<20	6	<0.01	<10	4	<10	2	147
3	TTDC96-17	1.8	0.35	2840	65	<5	0.05	<1	6	76	51	2.17	30	0.01	153	8	<0.01	13	500	1092	<5	<20	7	<0.01	<10	4	<10	2	85
4	TTDC96-18	0.8	0.39	2665	70	<5	0.04	<1	7	78	50	2.05	30	0.02	275	7	<0.01	18	440	1320	<5	<20	5	<0.01	<10	4	<10	2	68
5	TTDC96-19	2.6	0.35	3425	65	<5	0.03	<1	8	57	98	2.24	20	0.01	259	7	<0.01	15	430	3104	<5	<20	8	<0.01	<10	4	<10	2	82
6	TTDC96-20	4.0	0.36	3030	60	<5	0.05	<1	12	95	96	2.87	30	0.01	471	8	<0.01	20	540	4372	<5	<20	8	<0.01	<10	4	<10	3	125
7	TTDC96-21	2.0	0.41	1430	65	<5	0.08	<1	6	76	30	2.88	30	0.02	486	10	<0.01	12	490	2246	<5	<20	5	<0.01	<10	4	<10	2	78
8	TTDC96-22	1.4	0.38	1070	65	<5	0.24	<1	6	93	34	2.72	30	0.03	764	7	<0.01	12	450	1292	<5	<20	4	<0.01	<10	4	<10	1	161
9	TTDC96-23	2.6	0.28	1425	45	<5	0.13	<1	8	86	62	2.66	30	0.02	981	10	<0.01	14	470	3526	<5	<20	4	<0.01	<10	3	<10	2	225
10	TTDC96-24	4.2	0.40	2905	85	<5	0.06	<1	6	87	72	1.67	30	0.02	243	6	<0.01	8	490	2970	<5	<20	7	<0.01	<10	4	<10	2	214
11	TTDC96-25	3.2	0.61	1465	75	<5	0.03	<1	8	51	121	2.71	30	0.06	438	9	<0.01	17	360	3266	<5	<20	2	<0.01	<10	5	<10	<1	125
12	TTDC96-26	4.4	0.82	1320	85	<5	0.05	<1	11	52	98	3.29	30	0.14	436	9	<0.01	21	460	4764	<5	<20	3	<0.01	<10	6	<10	<1	84
13	TTDC96-27	2.6	0.49	2715	65	<5	0.06	<1	9	27	87	2.66	30	0.03	369	6	<0.01	16	490	1834	<5	<20	10	<0.01	<10	4	<10	2	95
14	TTDC96-28	2.0	0.51	1520	65	<5	0.05	<1	7	48	83	2.87	30	0.04	379	7	<0.01	14	470	1410	<5	<20	6	<0.01	<10	4	<10	1	58
15	TTDC96-29	1.0	0.85	425	80	<5	0.05	<1	10	31	100	3.36	30	0.15	269	7	0.01	21	460	408	<5	<20	2	<0.01	<10	7	<10	<1	53
16	TTDC96-30	2.8	0.66	950	95	<5	0.06	<1	9	48	102	2.99	30	0.04	600	6	0.01	20	390	1596	<5	<20	3	0.01	<10	5	<10	2	71
17	TTDC96-31	1.4	0.62	905	85	<5	0.05	<1	7	32	94	3.01	30	0.04	357	8	<0.01	17	460	1058	<5	<20	2	<0.01	<10	6	<10	1	73
18	TTDC96-32	1.0	0.57	1120	90	<5	0.06	<1	11	34	72	3.09	30	0.04	682	7	<0.01	19	500	1352	<5	<20	3	<0.01	<10	5	<10	1	92

7-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK96-1013

TOKLAT RESOURCES INC.
SS1, SITE 7-95
2720-17th STREET SOUTH
CRANBROOK, B.C.
V1C 4H4

ATTENTION: TIM TERMUENDE

No. of samples received:24
Sample Type:ROCK
PROJECT #:NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by:TIM TERMUENDE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	TTMF96-11	5	<0.2	1.00	10	110	<5	0.13	<1	9	58	2	2.28	<10	0.36	463	1	0.02	9	330	8	<5	<20	<1	0.12	<10	9	<10	<1	35
2	TTMF96-12	10	<0.2	0.35	290	50	20	0.03	<1	14	84	119	>10	<10	<0.01	114	20	0.01	3	80	18	<5	<20	2	<0.01	20	29	<10	<1	20
3	TTMF96-13	55	0.6	0.02	190	10	5	0.02	<1	45	190	67	8.56	<10	<0.01	25	13	<0.01	14	<10	<2	<5	<20	<1	<0.01	20	1	<10	<1	4
4	TTMF96-14	5	<0.2	0.29	<5	90	<5	0.73	<1	<1	88	<1	0.30	<10	0.02	710	4	0.01	1	430	6	<5	<20	<1	<0.01	<10	1	<10	6	11
5	TTMF96-15	5	<0.2	0.73	<5	35	<5	0.17	<1	3	77	7	1.34	<10	0.23	380	5	0.03	4	660	12	<5	<20	7	0.06	<10	15	<10	4	36
6	TTMF96-16	5	<0.2	0.04	<5	<5	<5	<0.01	<1	<1	218	1	0.35	<10	0.03	42	7	<0.01	4	<10	<2	<5	<20	<1	<0.01	<10	3	<10	<1	1
7	TTMF96-17	5	0.2	0.15	10	<5	<5	0.05	<1	4	170	6	0.92	<10	0.09	71	13	<0.01	4	40	<2	<5	<20	<1	<0.01	10	6	160	<1	7
8	TTMF96-18	5	<0.2	0.37	<5	30	<5	0.06	<1	4	316	19	1.71	<10	0.17	100	11	<0.01	13	210	4	<5	<20	5	0.02	<10	7	<10	2	20
9	TTMF96-19	10	0.2	0.41	160	25	<5	0.05	<1	10	162	38	2.28	<10	0.15	120	13	<0.01	8	160	10	<5	<20	2	0.03	<10	5	<10	<1	25
10	TTMF96-20	5	<0.2	0.41	<5	25	<5	1.49	<1	61	53	59	2.65	<10	0.36	193	2	<0.01	15	500	56	<5	<20	443	0.10	<10	34	<10	4	41
11	MWR27	5	<0.2	2.02	<5	20	<5	0.05	<1	28	114	63	8.16	<10	2.67	272	13	<0.01	9	<10	4	<5	<20	5	<0.01	<10	25	<10	1	41
12	MWR28	580	<0.2	0.29	110	10	<5	0.06	<1	4	167	6	1.91	<10	0.13	516	8	<0.01	4	50	4	<5	<20	<1	<0.01	<10	9	<10	<1	15
13	MWR29	10	<0.2	0.37	85	35	<5	0.03	<1	13	53	2	8.93	<10	0.05	1468	13	<0.01	4	<10	<2	<5	<20	3	<0.01	<10	5	<10	<1	32
14	MWR30	5	<0.2	1.13	<5	35	<5	<0.01	<1	15	130	238	1.87	<10	1.05	156	<1	0.03	18	164	<2	<5	<20	<1	0.25	<10	38	<10	5	26
15	MWR31	5	<0.2	1.39	<5	55	<5	0.09	<1	4	52	17	1.94	<10	1.23	185	<1	0.03	2	290	12	5	<20	<1	0.16	<10	32	<10	4	34
16	MWR32	5	0.2	0.05	10	<5	<5	<0.01	<1	<1	204	7	0.74	<10	0.02	35	7	<0.01	4	50	6	<5	<20	<1	<0.01	<10	1	<10	<1	4
17	MWR33	5	1.2	0.11	85	<5	15	0.01	<1	2	109	12	2.51	<10	0.01	43	10	<0.01	3	40	18	<5	<20	<1	<0.01	20	3	<10	<1	510
18	MWR34	5	0.6	0.05	35	<5	10	1.05	3	13	175	24	3.29	<10	<0.01	1829	8	<0.01	15	20	10	<5	<20	<1	<0.01	<10	2	<10	<1	1382
19	MWR35	5	<0.2	1.26	<5	95	<5	0.20	<1	6	73	11	2.72	<10	0.76	303	3	0.03	4	620	6	<5	<20	4	0.14	<10	22	<10	8	53
20	MWR36	10	4.6	0.03	100	15	80	0.06	<1	16	290	56	5.76	<10	<0.01	357	13	<0.01	20	60	124	<5	<20	2	<0.01	<10	3	<10	<1	284

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	MWR37	40	2.8	0.40	<5	55	460	0.01	<1	5	130	72	8.26	<10	<0.01	46	25	<0.01	3	270	130	<5	<20	2	<0.01	<10	3	380	6	141
22	MWR38	5	0.2	0.15	<5	20	20	<0.01	<1	2	258	15	2.09	<10	<0.01	159	7	<0.01	4	110	10	<5	<20	2	<0.01	<10	1	370	<1	21
23	MWR39	10	0.2	0.04	30	<5	5	<0.01	<1	1	163	4	1.30	<10	<0.01	28	14	<0.01	2	30	10	<5	<20	<1	<0.01	<10	<1	10	<1	3
24	MBMFR96-10	5	<0.2	1.81	15	60	<5	1.17	<1	19	65	55	5.35	<10	0.84	468	<1	0.04	2	450	12	<5	<20	<1	0.19	<10	168	<10	<1	52
QC/DATA:																														
Resplit:																														
R/S 1	TTMF96-11	5	<0.2	1.01	<5	100	<5	0.14	<1	9	68	<1	2.27	<10	0.35	443	<1	0.02	10	370	8	<5	<20	<1	0.12	<10	9	<10	<1	35
Repeat:																														
1	TTMF96-11	5	<0.2	1.16	<5	120	<5	0.17	<1	12	70	2	2.18	<10	0.40	473	2	0.02	10	370	4	<5	<20	3	0.17	<10	13	<10	2	40
10	TTMF96-20	5	<0.2	0.35	10	15	<5	1.30	<1	59	50	50	2.53	<10	0.30	179	1	<0.01	13	480	50	<5	<20	408	0.08	<10	29	<10	1	35
Standard:																														
GEO 96		150	1.2	1.40	70	165	<5	1.86	<1	15	49	77	4.04	<10	0.96	673	<1	0.01	19	660	22	<5	<20	60	0.09	<10	80	<10	5	70

df/5247
XLS/96Toklat

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

20-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK96-1123

TOKLAT RESOURCES INC.
SS1, SITE 7-95
2720-17th STREET SOUTH
CRANBROOK, B.C.
V1C 4H4

ATTENTION: TIM TERMUENDE

No. of samples received: 21
Sample Type: ROCK
PROJECT #: DOC
SHIPMENT #:DOC96-02
Samples submitted by: T. Termuende

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	TTMF 96-21	15	>30	0.16	>10000	10	1500	0.32	<1	43	160	65	3.60	<10	<0.01	102	13	<0.01	8	30	>10000	<5	<20	2	<0.01	<10	5	1740	<1	<1
2	TTMF 96-22	50	2.2	0.67	6955	10	5	0.40	<1	649	225	101	3.02	<10	0.31	172	17	<0.01	56	20	306	<5	<20	5	<0.01	<10	21	470	<1	12
3	TTMF 96-23	5	2.2	0.09	<5	75	<5	0.02	1	593	96	1398	>10	<10	<0.01	16	24	<0.01	548	<10	156	<5	<20	<1	<0.01	80	5	150	<1	12
4	TTMF 96-24	220	1.6	0.09	255	50	<5	0.09	<1	186	168	410	>10	<10	<0.01	25	23	<0.01	40	140	26	<5	<20	2	<0.01	50	5	<10	<1	16
5	TTMF 96-25	55	1.0	0.44	315	45	30	0.02	<1	95	144	49	>10	<10	0.03	26	16	<0.01	24	<10	14	<5	<20	<1	<0.01	50	16	<10	<1	6
6	TTMF 96-26	<5	<0.2	1.10	10	40	<5	0.04	<1	66	149	52	5.95	<10	0.66	106	12	<0.01	33	180	14	<5	<20	<1	0.07	<10	32	<10	18	33
7	TTMF 96-27	<5	<0.2	2.82	<5	50	15	0.06	<1	35	255	18	8.06	<10	2.60	199	6	<0.01	19	300	22	<5	<20	2	0.15	20	124	10	38	48
8	TTMF 96-28	<5	<0.2	0.34	<5	15	<5	0.04	<1	7	154	133	3.36	<10	0.11	53	9	0.03	4	40	4	<5	<20	<1	0.09	<10	24	<10	<1	6
9	TTMF 96-29	<5	<0.2	0.39	<5	85	25	0.04	2	20	121	14	>10	<10	0.24	113	24	<0.01	9	<10	<2	<5	<20	<1	0.03	50	76	210	<1	27
10	TTMF 96-30	560	2.2	0.04	215	45	20	0.02	<1	116	54	301	>10	<10	<0.01	<1	15	<0.01	60	<10	34	<5	<20	<1	<0.01	50	2	<10	<1	9
11	TTMF 96-31	5	0.6	0.21	<5	15	<5	0.16	<1	21	365	41	2.48	<10	0.23	519	12	<0.01	14	<10	18	<5	<20	<1	<0.01	<10	12	<10	<1	7
12	TTDC 96-33	10	0.4	0.40	190	45	<5	0.05	<1	5	147	39	1.39	30	0.06	213	4	0.02	10	160	18	<5	<20	<1	<0.01	<10	2	<10	<1	49
13	TTDC 96-34	10	0.6	1.30	215	45	<5	0.04	<1	15	110	7	3.37	20	0.64	85	9	0.02	23	360	14	<5	<20	8	<0.01	10	8	<10	<1	25
14	TTDC 96-35	<5	0.8	0.52	1055	90	<5	0.08	<1	5	119	97	1.93	30	0.02	98	4	0.01	6	540	660	<5	<20	18	<0.01	<10	4	<10	<1	142
15	TTDC 96-36	5	0.8	0.83	230	75	<5	0.55	<1	7	108	30	3.41	20	0.31	669	16	0.01	14	400	28	<5	<20	9	<0.01	<10	6	<10	<1	33
16	TTDC 96-37	<5	0.8	0.44	390	65	<5	3.41	<1	10	99	14	3.30	10	0.17	1378	7	<0.01	17	700	316	<5	<20	15	<0.01	<10	4	<10	1	66
17	TTDC 96-38	15	>30	0.06	9290	10	<5	0.05	<1	6	209	6271	2.33	<10	<0.01	59	22	<0.01	9	220	>10000	260	<20	4	<0.01	<10	1	<10	<1	125
18	TTDC 96-39	<5	1.8	0.96	25	70	<5	0.02	<1	2	67	46	3.00	30	0.17	66	8	0.01	4	430	126	<5	<20	16	<0.01	<10	6	<10	<1	14
19	CDTR 96-01	<5	1.2	1.19	45	95	<5	0.08	<1	14	46	27	2.66	40	0.35	195	4	<0.01	19	400	416	<5	<20	4	0.02	<10	6	<10	<1	35
20	CDTR 96-02	<5	<0.2	3.62	<5	20	5	5.24	1	49	111	65	8.31	<10	2.93	1270	7	0.02	37	910	40	<5	<20	133	0.02	<10	259	<10	<1	52
21	MBCR 96-08	<5	<0.2	4.48	45	40	15	0.79	<1	46	165	38	9.81	<10	3.49	1306	<1	0.01	45	940	146	<5	<20	9	0.39	<10	319	<10	3	99

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC/DATA:																														
Resplit:																														
1	TTMF 96-21	10	>30	0.18	>10000	15	1395	0.28	<1	29	161	62	3.47	<10	0.03	99	11	<0.01	3	20	>10000	<5	<20	4	<0.01	<10	7	1880	<1	<1
Repeat:																														
1	TTMF 96-21	<5	>30	0.15	>10000	10	1485	0.30	<1	41	156	64	3.80	<10	<0.01	90	13	<0.01	6	10	>10000	<5	<20	2	<0.01	<10	5	1620	<1	<1
10	TTMF 96-30	450	1.6	0.04	195	50	20	0.02	<1	117	56	307	>10	<10	<0.01	<1	17	<0.01	61	<10	10	<5	<20	2	<0.01	60	2	<10	<1	9
Standard:																														
GEO96		-	1.4	1.90	65	140	<5	1.85	<1	19	67	74	4.09	<10	1.02	701	<1	0.02	22	700	24	<5	<20	60	0.14	<10	84	<10	3	67

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/1123
XLS/96Toklat

27-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK96-1166

TOKLAT RESOURCES INC.
SS1, SITE 7-95
2720-17th STREET SOUTH
CRANBROOK, B.C.
V1C 4H4

ATTENTION: TIM TERMUENDE

No. of samples received: 10
Sample Type: Rock/Core
PROJECT #: Midfork
SHIPMENT #: Mid96-04
Samples submitted by: T.Termuende

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	TTDC96-40	5	<0.2	1.13	10	90	<5	0.05	<1	4	38	8	2.18	50	0.32	134	2	0.01	6	260	8	<5	<20	4	0.03	<10	7	<10	7	31
2	TTDC96-41	5	<0.2	1.07	<5	65	<5	0.02	<1	4	22	24	3.11	30	0.38	143	2	<0.01	4	190	12	<5	<20	3	0.02	<10	7	<10	<1	28
3	TTDC96-42	5	<0.2	1.20	<5	70	<5	0.01	<1	3	24	13	3.58	40	0.41	117	2	<0.01	3	220	20	<5	<20	3	<0.01	<10	9	<10	<1	30
4	MBHDR96-01	5	<0.2	0.63	<5	45	<5	0.26	<1	7	130	11	1.56	30	0.19	239	4	0.02	7	160	18	<5	<20	7	0.07	<10	6	<10	6	24
5	MBMFR96-11	10	<0.2	0.76	285	70	<5	0.25	<1	7	113	24	2.24	10	0.26	101	4	0.04	4	740	2	<5	<20	4	0.07	<10	16	80	8	11
6	MBMFR96-12	10	<0.2	0.28	25	40	<5	0.13	<1	3	166	3	0.35	<10	0.04	156	9	0.03	3	200	6	<5	<20	3	<0.01	<10	2	<10	1	8
7	MBMFR96-13	80	2.2	0.02	225	5	185	0.05	<1	6	280	10	0.77	<10	<0.01	30	13	<0.01	5	210	30	<5	<20	<1	<0.01	<10	1	<10	<1	26
8	MBMFR96-14	5	<0.2	0.71	<5	50	5	0.40	4	3	88	23	1.53	20	0.24	850	3	0.04	2	780	2	<5	<20	12	0.05	<10	14	<10	9	656
9	MBMFR96-15	5	<0.2	0.57	<5	35	<5	0.10	<1	87	171	70	7.49	10	0.53	78	11	0.02	25	<10	<2	<5	<20	1	0.04	<10	115	10	<1	17
10	MF96-02 46.1-46.8	5	2.2	0.09	<5	80	<5	9.40	3	60	8	1425	>10	20	2.98	>10000	8	<0.01	38	<10	4	<5	<20	34	0.04	<10	3	<10	<1	73
QC/DATA:																														
Resplit:																														
1	TTDC96-40	5	<0.2	1.08	<5	75	5	0.02	<1	4	26	24	3.04	30	0.37	151	2	<0.01	1	180	12	<5	<20	4	0.02	<10	7	<10	<1	27
Repeat:																														
1	TTDC96-40	-	<0.2	1.15	<5	85	<5	0.05	<1	4	46	8	2.22	50	0.34	136	2	0.01	6	260	6	<5	<20	4	0.03	<10	7	<10	7	30
Standard:																														
GEO'96		150	1.4	1.83	60	135	<5	1.83	<1	18	64	78	4.18	<10	0.94	694	<1	0.02	22	630	18	<5	<20	55	0.14	<10	84	<10	2	69

per **ECO-TECH LABORATORIES LTD.**
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/1166
XLS/96Toklat#3
Fax @: 604-426-6899/T.Termuende

20-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK96-1124

TOKLAT RESOURCES INC.
SS1, SITE 7-95
2720-17th STREET SOUTH
CRANBROOK, B.C.
V1C 4H4

ATTENTION: TIM TERMUENDE

No. of samples received:3
Sample Type: SILT
PROJECT #: DOC
SHIPMENT #: DOC96-02
Samples submitted by: T. Termuende

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	MBCS 96-20	<5	0.6	1.15	15	35	<5	0.36	1	14	16	19	2.94	10	0.42	555	2	<0.01	22	570	34	<5	<20	21	0.01	<10	11	<10	4	104
2	MBCS 96-21	<5	1.0	1.29	210	50	<5	0.45	<1	17	17	27	3.31	20	0.45	1413	3	<0.01	26	650	114	<5	<20	26	0.02	<10	13	<10	5	121
3	TTDC 96S-0	<5	0.6	0.91	1190	25	<5	0.48	<1	15	7	50	3.23	10	0.34	452	3	<0.01	21	560	372	<5	<20	14	0.01	<10	7	<10	<1	97

QC/DATA

Repeat:																														
1	MBCS 96-20	<5	0.4	1.20	20	30	<5	0.38	<1	14	16	20	3.08	10	36.00	582	3	<0.01	23	590	44	<5	<20	17	0.01	<10	12	<10	3	107
Standard:																														
GEO96		150	1.2	1.83	65	155	<5	1.77	<1	19	63	74	4.02	<10	0.98	680	<1	0.02	21	690	22	<5	<20	56	0.13	<10	79	<10	2	68

per

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/1123
XLS/96Toklat

16-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK96-1061

TOKLAT RESOURCES INC.
SS1, SITE 7-95
2720-17th STREET SOUTH
CRANBROOK, B.C.
V1C 4H4

ATTENTION: TIM TERMUENDE

No. of samples received: 35
Sample Type: SILT
PROJECT #: DR Creek
SHIPMENT #: MF96-03
Samples submitted by: T.Termuende

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	CDCOR96-05	<5	0.8	4.57	90	130	<5	0.48	2	359	40	357	8.79	70	0.82	5311	19	0.02	183	2020	142	<5	<20	25	0.15	<10	65	<10	209	479
2	CDCOR96-07	<5	0.2	3.70	75	120	<5	0.91	<1	87	103	149	6.42	<10	1.92	1517	<1	0.03	61	840	156	<5	<20	73	0.15	<10	105	<10	7	228
3	CDCOR96-10	<5	0.4	1.87	265	75	<5	0.69	<1	37	34	25	4.33	20	0.75	2643	4	<0.01	29	1360	120	<5	<20	19	0.06	<10	33	<10	18	167
4	CDCOR96-11	<5	0.4	1.59	160	60	<5	0.82	<1	22	36	20	3.12	20	0.58	1559	3	<0.01	28	1050	78	<5	<20	16	0.06	<10	24	<10	13	129
5	CDCOR96-12	<5	0.6	2.13	50	85	<5	0.58	<1	18	31	16	2.70	40	0.51	734	2	<0.01	22	920	76	<5	<20	14	0.07	<10	27	<10	23	124
6	CDCOR96-13	<5	<0.2	1.26	80	45	5	0.35	<1	14	20	10	2.79	20	0.55	407	<1	<0.01	14	540	48	<5	<20	7	0.07	<10	21	<10	10	91
7	CDCOR96-14	<5	0.6	1.66	40	50	<5	0.24	<1	23	24	19	2.45	60	0.52	748	1	<0.01	16	660	78	<5	<20	6	0.05	<10	22	<10	30	94
8	CDCOR96-15	<5	<0.2	1.57	25	45	<5	0.14	<1	11	28	11	3.28	10	0.79	294	<1	<0.01	14	280	42	<5	<20	<1	0.07	<10	28	<10	3	79
9	CDCOR96-16	<5	<0.2	2.42	50	80	<5	0.49	<1	16	20	19	3.26	30	0.38	612	<1	0.01	15	1490	110	<5	<20	15	0.12	<10	31	<10	15	222
10	CDCOR96-20	<5	1.2	3.29	125	115	<5	0.78	<1	50	43	94	6.86	<10	1.24	1897	2	0.02	40	1110	190	<5	<20	18	0.14	<10	77	<10	15	391
11	CDCOR96-21	<5	0.2	1.90	35	80	<5	0.44	<1	15	32	12	3.21	10	0.69	622	2	<0.01	19	580	62	<5	<20	7	0.07	<10	32	<10	5	124
12	CDCOR96-22	<5	<0.2	1.86	60	75	<5	0.52	<1	25	30	34	3.54	<10	0.67	561	<1	0.01	22	660	62	<5	<20	13	0.11	<10	46	<10	6	129
13	MBCS96-01	<5	<0.2	2.12	40	90	<5	0.26	<1	25	45	45	4.94	20	0.70	514	<1	<0.01	34	880	148	<5	<20	6	0.19	<10	57	<10	9	362
14	MBCS96-02	5	0.4	1.79	30	100	5	0.23	<1	35	35	68	5.57	20	0.53	1790	<1	<0.01	35	1070	118	<5	<20	11	0.15	<10	30	<10	18	399
15	MBCS96-03	<5	<0.2	4.11	130	150	<5	1.16	2	98	116	165	7.64	<10	1.95	1951	2	0.03	76	1300	194	<5	<20	67	0.16	<10	121	<10	13	306
16	MBCS96-04	5	<0.2	3.68	145	125	<5	0.77	<1	91	96	106	6.05	10	1.36	1091	<1	0.03	78	1130	128	<5	<20	32	0.18	<10	87	<10	25	216
17	MBCS96-05	5	<0.2	2.65	30	30	<5	1.53	<1	28	47	46	2.53	<10	0.82	553	1	0.02	26	400	56	<5	<20	41	0.03	<10	40	<10	1	69
18	MBCS96-06	5	<0.2	3.12	50	135	<5	0.81	<1	77	32	118	7.49	<10	1.50	1537	<1	0.02	37	950	68	<5	<20	42	0.18	<10	135	<10	2	148
19	MBCS96-07	<5	<0.2	2.85	90	105	<5	0.76	<1	54	62	92	5.14	<10	1.25	1129	<1	0.02	46	880	94	<5	<20	37	0.13	<10	83	<10	9	174
20	MBCS96-08	<5	<0.2	3.02	90	115	5	0.82	<1	52	63	84	5.47	<10	1.31	982	<1	0.02	50	940	92	<5	<20	28	0.13	<10	88	<10	8	174

TOKLAT RESOURCES INC.

ICP CERTIFICATE OF ANALYSIS AK96-1061

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	MBCS96-09	<5	1.0	1.58	55	65	<5	2.25	1	10	20	21	2.61	40	0.42	545	1	<0.01	24	1230	66	<5	<20	48	0.06	<10	19	<10	22	192
22	MBCS96-10	<5	1.2	2.02	65	85	<5	0.54	<1	27	33	39	4.08	<10	0.80	865	2	0.01	26	770	60	5	<20	12	0.12	<10	53	<10	6	153
23	MBCS96-11	<5	<0.2	1.66	30	60	<5	0.41	<1	11	20	14	3.02	20	0.54	496	<1	<0.01	16	470	50	<5	<20	8	0.09	<10	23	<10	8	161
24	MBCS96-12	5	0.4	1.11	55	55	<5	0.35	<1	15	16	22	2.51	<10	0.42	756	5	0.01	11	680	216	<5	<20	9	0.08	<10	28	<10	4	91
25	RBCS96-01	<5	0.2	1.96	115	55	<5	0.44	<1	20	29	24	3.36	30	0.59	801	2	0.01	22	1340	66	<5	<20	16	0.08	<10	32	<10	23	132
26	RBCS96-02	<5	<0.2	1.40	55	85	<5	0.77	<1	13	21	18	1.96	50	0.42	966	<1	<0.01	19	1340	60	<5	<20	32	0.04	<10	16	<10	27	90
27	RBCS96-03	<5	0.6	1.19	20	65	<5	0.40	1	17	6	13	5.96	20	0.07	1716	6	<0.01	11	970	70	<5	<20	17	0.03	<10	8	<10	9	60
28	RBCS96-04	<5	0.4	2.61	95	95	<5	0.30	<1	42	31	70	5.53	20	0.68	814	2	<0.01	32	1210	122	<5	<20	5	0.16	<10	42	<10	16	402
29	RBCS96-05	<5	<0.2	1.45	50	75	5	0.35	7	17	14	23	3.81	20	0.40	818	<1	<0.01	19	840	72	<5	<20	10	0.11	<10	18	<10	13	184
30	RBCS96-06	<5	0.2	1.75	85	90	<5	1.47	1	14	13	15	5.22	20	0.33	1622	6	0.01	23	1490	72	<5	<20	32	0.07	<10	23	<10	16	318
31	RBCS96-07	<5	0.4	2.52	35	160	10	0.81	1	22	28	27	4.91	10	0.74	2097	6	<0.01	24	1660	80	<5	<20	24	0.11	<10	50	<10	12	196
32	RBCS96-08	<5	0.4	2.94	70	120	<5	0.77	<1	19	27	30	4.70	20	0.75	589	<1	<0.01	21	1510	88	<5	<20	19	0.16	<10	46	<10	18	243
33	RBCS96-09	<5	0.6	3.01	135	115	<5	0.70	1	42	35	69	6.31	20	0.87	1540	4	<0.01	34	1320	126	<5	<20	15	0.17	<10	54	<10	19	417
34	RBCS96-10	<5	0.8	2.62	85	95	<5	0.28	<1	51	29	75	5.91	20	0.52	2057	2	<0.01	31	1400	130	<5	<20	7	0.15	<10	35	<10	19	429
35	RBCS96-11	<5	<0.2	2.54	130	95	<5	0.38	<1	40	33	61	5.86	10	0.80	1265	1	<0.01	29	1020	112	<5	<20	8	0.18	<10	46	<10	16	357

QC/DATA:

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Repeat:																														
1	CDCOR96-05	<5	0.6	4.73	95	135	<5	0.51	1	384	42	365	9.32	70	0.84	5621	18	0.02	193	2100	154	<5	<20	25	0.16	<10	68	<10	220	519
10	CDCOR96-20	<5	1.0	3.30	110	100	<5	0.76	<1	47	40	94	6.67	<10	1.25	1859	2	0.02	40	1050	176	<5	<20	11	0.13	<10	76	<10	13	366
19	MBCS96-07	<5	<0.2	2.93	100	110	<5	0.83	<1	59	67	95	5.58	<10	1.29	1221	1	0.02	52	990	112	<5	<20	34	0.13	<10	87	<10	9	180
28	RBCS96-04	<5	0.2	2.59	95	95	<5	0.30	<1	42	31	68	5.60	20	0.67	817	<1	<0.01	31	1230	124	<5	<20	6	0.16	<10	42	<10	16	415
Standard:																														
GEO'96		145	1.2	1.78	60	150	<5	1.81	<1	20	66	75	3.69	<10	0.96	723	1	0.01	23	700	22	5	<20	60	0.10	<10	75	<10	<1	65

df/1061
XLS/96Toklat#2

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

10-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK96-1058

TOKLAT RESOURCES INC.
SS1, SITE 7-95
2720-17th STREET SOUTH
CRANBROOK, B.C.
V1C 4H4

ATTENTION: TIM TERMUENDE

No. of samples received: 19
Sample Type: ROCK
PROJECT #: DR Creek
SHIPMENT #: MF96-03
Samples submitted by: T.Termuende

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	MBCR96-01	5	<0.2	2.51	<5	65	<5	1.89	<1	19	41	59	4.70	<10	1.69	922	<1	0.05	8	420	<2	<5	<20	13	0.11	<10	117	<10	<1	80
2	MBCR96-02	5	<0.2	1.27	<5	110	<5	1.06	<1	23	67	219	5.28	10	0.65	556	<1	0.04	2	250	<2	<5	<20	7	0.13	<10	81	<10	3	49
3	MBCR96-03	5	<0.2	0.66	<5	35	<5	0.03	<1	3	197	6	1.95	<10	0.24	131	13	0.02	3	60	4	<5	<20	3	0.04	<10	10	<10	<1	27
4	MBCR96-04	5	<0.2	1.31	<5	65	<5	0.03	<1	7	186	4	3.02	<10	0.48	285	6	0.02	6	20	4	<5	<20	3	0.06	<10	13	<10	<1	55
5	MBCR96-05	5	<0.2	2.30	<5	115	<5	0.34	<1	13	96	2	5.20	40	1.03	604	<1	0.04	4	460	4	<5	<20	5	0.22	<10	29	<10	5	105
6	MBCR96-06	110	>30	0.81	275	105	120	0.07	<1	9	64	110	>10	10	0.22	371	8	0.03	<1	<10	1318	<5	<20	3	0.06	<10	17	<10	<1	830
7	MBCR96-07	175	1.6	0.30	<5	25	10	0.09	<1	6	154	311	4.71	<10	0.17	161	13	<0.01	4	<10	6	<5	<20	<1	0.02	<10	10	<10	<1	20
8	RBCR96-01	5	<0.2	0.78	<5	55	<5	0.02	<1	4	216	5	2.71	<10	0.33	168	8	0.01	5	<10	2	<5	<20	1	0.03	<10	9	<10	<1	52
9	RBCR96-02	5	<0.2	2.90	<5	135	5	0.54	<1	24	55	37	9.58	<10	1.16	685	<1	0.06	1	1970	2	<5	<20	4	0.35	<10	68	<10	3	147
10	CDCOR96-01	5	<0.2	2.35	250	85	<5	1.48	<1	106	89	415	7.45	<10	1.00	406	<1	0.17	106	220	<2	<5	<20	16	0.16	<10	100	<10	<1	39
11	CDCOR96-02	5	6.8	0.13	<5	95	<5	0.07	5	281	92	1427	>10	<10	0.05	102	23	<0.01	152	<10	126	<5	<20	<1	<0.01	30	5	<10	<1	396
12	CDCOR96-03	5	<0.2	0.83	<5	70	<5	0.06	<1	5	114	2	1.22	20	0.32	143	2	0.05	7	160	<2	<5	<20	2	0.07	<10	7	<10	5	20
13	CDCOR96-04	5	<0.2	1.97	<5	180	<5	0.15	<1	10	124	24	4.40	20	1.07	576	<1	0.07	4	570	10	<5	<20	10	0.27	<10	69	<10	13	96
14	CDCOR96-06	5	<0.2	0.25	<5	30	<5	0.06	<1	7	249	19	1.38	<10	0.12	266	14	<0.01	4	20	<2	<5	<20	<1	0.03	<10	14	<10	<1	276
15	CDCOR96-08	5	<0.2	1.41	<5	95	<5	0.07	<1	10	146	29	4.70	10	0.65	335	2	0.03	6	260	2	<5	<20	3	0.13	<10	18	<10	3	55
16	CDCOR96-09	5	<0.2	1.14	<5	20	<5	0.01	<1	4	107	3	3.31	10	0.96	218	8	0.18	4	<10	4	<5	<20	1	0.03	<10	21	<10	<1	21
17	CDCOR96-17	5	<0.2	2.58	<5	315	5	0.70	1	16	74	18	>10	<10	0.72	900	<1	0.05	<1	2620	4	<5	<20	5	0.41	<10	29	<10	3	128
18	CDCOR96-18	5	<0.2	0.56	30	50	5	0.06	<1	6	178	26	5.13	<10	0.14	298	13	0.02	2	170	<2	<5	<20	<1	0.04	<10	10	<10	<1	37
19	CDCOR96-19	5	<0.2	1.09	<5	105	<5	0.06	<1	7	91	12	4.00	20	0.52	255	<1	<0.01	1	340	<2	<5	<20	5	0.22	<10	13	<10	3	32

TOKLAT RESOURCES INC. | ICP CERTIFICATE OF ANALYSIS AK96-1058 | ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC/DATA:																														
Resplit:																														
RS/1	MBCR96-01	5	<0.2	2.60	<5	70	<5	1.96	<1	24	41	52	4.90	<10	1.72	980	<1	0.05	9	430	<2	<5	<20	12	0.15	<10	120	<10	1	85
Repeat:																														
1	MBCR96-01	5	<0.2	2.61	<5	70	<5	1.92	<1	22	48	66	4.92	<10	1.71	1010	2	0.05	11	480	<2	<5	<20	14	0.13	<10	126	<10	1	85
10	CDCOR96-01	5	<0.2	2.31	290	90	<5	1.57	<1	110	96	412	8.10	<10	0.97	431	1	0.12	114	230	2	<5	<20	12	0.16	<10	104	<10	<1	42
Standard:																														
GEO'96		145	1.2	1.91	60	160	<5	2.06	<1	21	74	73	4.10	<10	1.03	720	<1	0.02	24	740	18	<5	<20	54	0.14	<10	92	<10	5	78

df/1058
XLS/96Toklat

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

13-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK96-1015

TOKLAT RESOURCES INC.
SS1, SITE 7-95
2720-17th STREET SOUTH
CRANBROOK, B.C.
V1C 4H4

ATTENTION: TIM TERMUENDE

No. of samples received:8
Sample Type:SILT
PROJECT #:NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by:TIM TERMUENDE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	TTMF96S-01	<5	<0.2	3.52	75	50	<5	0.19	<1	155	22	461	5.21	50	0.88	932	<1	<0.01	54	590	4	<5	<20	18	0.09	<10	58	<10	123	118
2	TTMF96S-02	<5	<0.2	2.08	75	45	<5	0.61	<1	18	24	45	2.73	<10	0.68	563	<1	0.01	10	520	<2	<5	<20	15	0.08	<10	49	10	7	61
3	TTMF96S-03	<5	0.4	2.25	150	35	<5	0.67	<1	36	22	115	3.68	<10	0.57	559	1	0.01	19	730	<2	<5	<20	15	0.08	<10	45	<10	50	58
4	TTMF96S-04	<5	<0.2	2.44	5	80	<5	0.43	<1	49	32	102	6.46	<10	1.39	859	<1	0.02	33	630	8	<5	<20	24	0.16	<10	65	<10	18	149
5	TTMF96S-05	<5	<0.2	3.99	95	120	<5	0.86	<1	92	48	112	7.70	<10	1.96	1658	<1	0.01	26	520	6	<5	<20	44	0.16	<10	132	<10	3	152
6	TTMF96S-06	<5	<0.2	1.88	105	65	<5	1.17	<1	61	24	46	3.85	<10	0.81	1012	<1	0.01	45	1320	6	<5	<20	19	0.11	<10	76	<10	108	118
7	TTMF96S-07	<5	<0.2	3.23	85	125	<5	0.51	<1	57	100	76	8.73	20	1.54	1956	<1	<0.01	48	1280	18	<5	<20	18	0.24	<10	124	<10	21	205
8	L2200 SS1+40	<5	<0.2	2.63	140	55	<5	0.75	<1	21	29	41	5.18	<10	0.74	392	<1	<0.01	11	430	<2	<5	<20	9	0.19	<10	73	<10	11	59
QC/DATA:																														
Repeat:																														
1	TTMF96S-01		<0.2	3.61	90	60	<5	0.26	<1	173	26	477	6.15	70	0.96	954	2	<0.01	66	610	6	<5	<20	16	0.14	<10	62	<10	146	120
Standard:																														
GEO96			0.8	1.68	60	160	<5	1.94	<1	18	65	74	4.35	<10	0.96	752	<1	0.01	20	700	20	<5	<20	59	0.13	<10	80	<10	1	66

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/1014
XLS/96Toklat#2

13-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK96-1017

TOKLAT RESOURCES INC.
SS1, SITE 7-95
2720-17th STREET SOUTH
CRANBROOK, B.C.
V1C 4H4

ATTENTION: TIM TERMUENDE

No. of samples received:104
Sample Type:SOIL
PROJECT #:NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by:TIM TERMUENDE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	MWS5	<5	0.4	3.68	10	15	<5	0.20	<1	7	5	12	1.53	10	0.11	54	<1	0.02	5	710	<2	<5	<20	9	0.20	<10	33	<10	14	18
2	MWS6	<5	<0.2	2.96	5	120	<5	0.22	<1	27	54	52	4.59	20	0.86	449	<1	0.01	21	400	<2	<5	<20	4	0.19	<10	68	<10	1	49
3	MWS7	<5	<0.2	2.75	15	90	<5	0.19	<1	18	44	47	4.26	20	0.89	315	<1	0.01	13	420	<2	<5	<20	5	0.18	<10	69	<10	<1	43
4	MWS8	5	<0.2	2.98	<5	135	<5	0.09	<1	17	48	70	6.12	40	1.88	264	<1	0.03	14	830	<2	<5	<20	15	0.28	<10	69	<10	28	54
5	MWS9	<5	<0.2	2.63	<5	45	<5	0.37	<1	32	17	62	6.31	40	1.31	571	2	<0.01	22	500	<2	<5	<20	13	0.02	<10	33	<10	7	55
6	MWS10	<5	<0.2	2.35	<5	110	<5	0.21	<1	12	39	68	5.91	40	0.99	411	<1	0.01	11	1030	10	<5	<20	14	0.19	<10	72	10	16	70
7	TTMF96-10	<5	<0.2	2.72	10	90	<5	1.69	<1	172	33	234	7.36	210	0.90	1423	<1	0.01	43	1960	8	<5	<20	57	0.11	<10	44	<10	237	94
8	L2200 0+00 N	<5	<0.2	2.70	105	115	<5	0.57	<1	41	40	67	8.16	20	1.25	1346	<1	<0.01	18	400	<2	<5	<20	13	0.24	<10	123	40	<1	123
9	L2200 0+25 N	<5	<0.2	1.44	<5	105	<5	0.26	<1	16	17	23	4.84	10	0.58	528	<1	<0.01	7	230	<2	<5	<20	7	0.15	<10	76	<10	<1	50
10	L2200 0+50 N	<5	<0.2	1.80	15	70	<5	0.25	<1	12	19	21	4.79	10	0.68	220	<1	<0.01	3	240	<2	<5	<20	5	0.18	<10	78	20	<1	44
11	L2200 0+75 N	5	<0.2	1.81	25	75	<5	0.13	<1	11	21	34	4.60	10	0.58	209	<1	<0.01	4	490	<2	<5	<20	3	0.17	<10	71	20	<1	34
12	L2200 1+00 N	<5	<0.2	1.78	<5	60	<5	0.14	<1	10	22	19	4.44	<10	0.56	208	<1	<0.01	<1	340	2	<5	<20	4	0.20	<10	75	30	<1	35
13	L2200 1+25 N	5	<0.2	2.74	25	100	<5	0.21	<1	17	32	73	6.96	10	1.07	313	<1	<0.01	7	480	<2	<5	<20	4	0.20	<10	98	90	<1	56
14	L2200 1+50 N	<5	<0.2	3.33	10	100	<5	0.27	<1	12	28	33	6.39	<10	0.62	257	<1	<0.01	9	400	<2	<5	<20	7	0.25	<10	98	60	<1	52
15	L2200 1+75 N	<5	<0.2	2.81	30	75	<5	0.19	<1	14	27	55	5.37	10	0.71	224	<1	<0.01	6	380	<2	<5	<20	3	0.21	<10	78	110	<1	48
16	L2200 2+00 N	<5	<0.2	2.22	20	85	<5	0.16	<1	12	25	56	4.88	10	0.70	202	<1	<0.01	5	440	<2	<5	<20	5	0.16	<10	66	80	<1	38
17	L2200 2+25 N	<5	<0.2	2.65	15	65	<5	0.15	<1	10	25	18	4.63	20	0.60	122	<1	<0.01	4	280	<2	<5	<20	4	0.21	<10	73	10	2	39
18	L2200 2+50 N	<5	<0.2	1.99	10	75	<5	0.14	<1	12	26	40	4.46	10	0.67	205	<1	<0.01	5	330	<2	<5	<20	5	0.15	<10	56	50	<1	42
19	L2200 2+75 N	<5	<0.2	3.00	30	75	<5	0.12	<1	13	21	26	4.29	10	0.43	148	<1	<0.01	6	540	<2	<5	<20	3	0.21	<10	56	<10	<1	35
20	L2200 3+00 N	5	<0.2	2.68	40	135	<5	0.28	<1	35	35	97	6.97	20	0.86	409	<1	0.01	18	1050	<2	<5	<20	10	0.28	<10	87	<10	<1	68
21	L2200 3+25 N	<5	<0.2	2.45	20	85	10	0.16	<1	17	34	27	6.61	10	0.69	221	<1	<0.01	9	270	<2	<5	<20	3	0.23	<10	84	<10	<1	51
22	L2200 3+50 N	<5	<0.2	2.47	15	105	<5	0.17	<1	25	38	63	5.42	10	0.82	273	<1	<0.01	18	380	<2	<5	<20	3	0.21	<10	69	20	<1	51
23	L2200 3+75 N	<5	<0.2	2.43	45	75	<5	0.14	<1	13	33	38	4.97	10	0.69	206	<1	<0.01	8	360	<2	<5	<20	2	0.18	<10	62	<10	<1	45
24	L2200 4+00 N	<5	<0.2	1.01	155	35	<5	0.10	<1	20	13	5	2.49	<10	0.15	49	<1	<0.01	4	270	4	<5	<20	5	0.22	<10	70	<10	<1	10
25	L2200 4+25 N	<5	<0.2	1.78	<5	40	<5	0.10	<1	9	24	10	3.98	<10	0.36	99	<1	<0.01	6	240	<2	<5	<20	2	0.19	<10	79	10	<1	27

TOKLAT RESOURCES INC. ICP CERTIFICATE OF ANALYSIS AK96-1017 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	L2200 4+50 N	<5	<0.2	2.14	<5	100	<5	0.12	<1	17	87	72	4.24	30	1.06	208	<1	<0.01	17	380	<2	<5	<20	6	0.19	<10	61	<10	<1	35
27	L2200 4+75 N	<5	<0.2	1.97	<5	50	<5	0.13	<1	9	23	15	2.95	<10	0.33	125	<1	<0.01	6	310	<2	<5	<20	4	0.15	<10	54	10	<1	26
28	L2200 5+00 N	5	<0.2	3.04	5	50	<5	0.19	<1	8	12	8	3.34	<10	0.11	77	<1	0.01	3	560	<2	<5	<20	7	0.18	<10	54	20	<1	23
29	L2200 5+25 N	<5	<0.2	2.08	<5	50	<5	0.12	<1	10	26	16	4.15	<10	0.35	110	<1	<0.01	4	240	<2	<5	<20	3	0.22	<10	78	<10	<1	26
30	L2200 5+50 N	<5	<0.2	2.24	<5	60	<5	0.17	<1	10	23	14	3.78	<10	0.30	167	<1	<0.01	4	400	<2	<5	<20	5	0.18	<10	60	<10	<1	31
31	L2200 5+75 N	5	<0.2	1.63	<5	60	<5	0.09	<1	7	17	11	3.08	<10	0.23	134	<1	<0.01	5	280	<2	<5	<20	4	0.18	<10	63	<10	<1	21
32	L2200 6+00 N	<5	<0.2	2.08	<5	60	<5	0.11	<1	10	42	14	4.18	10	0.49	210	<1	<0.01	9	300	<2	<5	<20	4	0.16	<10	78	<10	<1	32
33	L2300 0+00 N	<5	<0.2	2.80	<5	130	15	0.36	<1	67	30	108	>10	20	1.46	1479	<1	<0.01	13	1330	<2	<5	<20	4	0.17	<10	98	200	<1	90
34	L2300 0+25 N	<5	<0.2	2.14	5	95	<5	0.14	<1	21	37	36	6.29	<10	0.97	395	<1	<0.01	11	430	<2	<5	<20	8	0.21	<10	84	<10	<1	77
35	L2300 0+50 N	<5	<0.2	2.38	35	145	5	0.24	<1	54	47	107	>10	20	0.86	842	<1	<0.01	18	770	<2	<5	<20	4	0.20	<10	75	60	<1	97
36	L2300 0+75 N	5	<0.2	1.91	<5	55	<5	0.11	<1	9	27	11	4.49	<10	0.62	136	<1	<0.01	3	200	12	<5	<20	3	0.25	<10	58	<10	<1	28
37	L2300 1+00 N	<5	<0.2	2.33	60	60	<5	0.22	<1	18	34	27	3.99	10	0.67	394	<1	0.01	9	570	<2	<5	<20	7	0.16	<10	68	<10	6	80
38	L2300 1+25 N	<5	<0.2	1.60	15	55	<5	0.14	<1	8	18	9	3.81	<10	0.19	108	<1	<0.01	4	220	2	<5	<20	4	0.25	<10	63	<10	<1	26
39	L2300 1+50 N	5	<0.2	2.07	50	75	<5	0.16	<1	14	26	32	4.42	<10	0.53	258	<1	<0.01	9	520	<2	<5	<20	3	0.17	<10	47	<10	3	44
40	L2300 1+75 N	<5	<0.2	2.50	50	90	<5	0.30	<1	17	44	24	4.41	<10	0.65	358	<1	0.01	11	410	2	<5	<20	5	0.26	<10	75	<10	2	56
41	L2300 2+00 N	<5	<0.2	2.55	10	75	<5	0.23	<1	15	37	30	4.18	<10	0.69	216	<1	0.01	12	380	<2	<5	<20	5	0.18	<10	59	<10	<1	38
42	L2300 2+25 N	<5	<0.2	2.37	50	65	<5	0.21	<1	13	34	27	3.69	<10	0.64	193	<1	0.01	7	200	<2	<5	<20	4	0.22	<10	68	<10	1	31
43	L2300 2+50 N	<5	<0.2	2.62	20	55	<5	0.20	<1	12	36	21	4.19	<10	0.51	330	<1	<0.01	9	370	<2	<5	<20	4	0.19	<10	69	<10	<1	38
44	L2300 2+75 N	<5	<0.2	2.73	10	45	<5	0.25	<1	13	25	17	2.91	<10	0.42	156	<1	0.01	7	320	<2	<5	<20	4	0.16	<10	55	<10	4	35
45	L2300 3+00 N	<5	0.6	2.71	30	210	<5	0.67	<1	31	28	50	4.73	10	0.79	2934	<1	0.02	20	480	<2	<5	<20	14	0.20	<10	68	<10	3	94
46	L2300 3+25 N	<5	<0.2	3.79	25	105	<5	0.24	<1	39	92	78	6.55	<10	1.42	470	<1	0.01	38	440	<2	<5	<20	5	0.21	<10	110	<10	<1	108
47	L2300 3+50 N	5	<0.2	2.45	<5	50	<5	0.19	<1	11	17	19	3.84	<10	0.40	155	<1	0.01	3	310	<2	<5	<20	6	0.24	<10	67	<10	<1	30
48	L2300 3+75 N	<5	<0.2	2.18	<5	55	<5	0.20	<1	13	28	18	5.12	<10	0.48	158	<1	<0.01	5	370	<2	<5	<20	4	0.24	<10	96	<10	<1	35
49	L2300 4+00 N	15	<0.2	3.77	<5	45	<5	0.10	<1	9	20	19	5.08	<10	0.22	73	<1	0.01	4	300	<2	<5	<20	3	0.22	<10	81	<10	<1	20
50	L2300 4+25 N	<5	<0.2	2.64	10	60	<5	0.37	<1	14	21	20	3.33	<10	0.40	182	<1	0.03	10	320	<2	<5	<20	13	0.26	<10	52	<10	3	34
51	L2300 4+50 N	<5	<0.2	1.90	5	30	<5	0.21	<1	8	9	8	2.84	<10	0.09	84	<1	0.02	4	410	<2	<5	<20	8	0.20	<10	40	<10	2	17
52	L2300 4+75 N	<5	<0.2	2.38	<5	55	<5	0.17	<1	14	29	22	4.25	<10	0.68	226	<1	<0.01	10	250	<2	<5	<20	5	0.18	<10	69	<10	<1	52
53	L2300 5+00 N	<5	0.2	0.77	<5	230	<5	0.37	2	5	12	32	1.53	<10	0.14	1040	<1	<0.01	12	1660	104	<5	<20	17	0.05	<10	19	<10	3	83
54	L2300 5+25 N	5	<0.2	1.96	<5	95	<5	0.19	<1	13	28	18	3.79	<10	0.43	267	<1	<0.01	9	650	10	<5	<20	7	0.18	<10	65	<10	<1	54
55	L2300 5+50 N	<5	<0.2	1.21	<5	65	<5	0.14	<1	10	13	4	3.17	<10	0.16	180	<1	0.01	3	190	12	<5	<20	4	0.36	<10	64	<10	3	22
56	L2300 5+75 N	<5	<0.2	4.62	10	255	<5	0.44	<1	49	364	55	9.47	<10	3.17	1166	<1	0.02	59	550	16	<5	<20	57	0.49	<10	316	<10	<1	213
57	L2300 6+00 N	<5	<0.2	2.78	<5	80	<5	0.27	<1	14	37	11	4.43	<10	0.51	285	<1	<0.01	11	530	6	<5	<20	8	0.27	<10	75	<10	<1	61
58	L2300 6+25 N	<5	<0.2	1.62	<5	45	<5	0.20	<1	15	31	18	4.30	<10	0.61	225	<1	<0.01	11	230	4	<5	<20	4	0.22	<10	81	<10	2	52
59	L2300 6+50 N	5	<0.2	2.26	<5	35	<5	0.11	<1	8	25	7	2.92	<10	0.29	98	<1	<0.01	5	220	4	<5	<20	4	0.22	<10	56	<10	3	28
60	L2300 6+75 N	<5	<0.2	1.48	<5	60	<5	0.19	<1	10	29	12	4.80	<10	0.45	277	<1	<0.01	7	290	4	<5	<20	5	0.22	<10	71	<10	<1	55

TOKLAT RESOURCES INC. ICP CERTIFICATE OF ANALYSIS AK96-1017 ECO-TECH LABORATORIES LTD.

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	L2300	7+00 N	<5	<0.2	1.79	<5	50	<5	0.13	<1	11	82	4	3.14	<10	0.58	184	<1	<0.01	10	160	10	<5	<20	4	0.23	<10	68	<10	1	37
62	LL	0+25 N	<5	<0.2	2.47	75	95	<5	0.24	<1	22	29	86	7.16	20	0.89	305	3	<0.01	16	700	12	<5	<20	7	0.14	<10	91	<10	16	73
63	LL	0+50 N	<5	<0.2	1.81	15	65	<5	0.13	<1	11	31	21	4.91	<10	0.67	362	<1	<0.01	5	800	8	<5	<20	3	0.19	<10	63	<10	4	63
64	LL	0+75 N	<5	<0.2	2.44	5	70	<5	0.10	<1	9	27	18	4.37	<10	0.52	195	<1	<0.01	7	470	10	<5	<20	4	0.21	<10	60	<10	4	45
65	LL	1+00 N	<5	<0.2	0.91	<5	30	<5	0.05	<1	7	7	5	1.40	<10	0.06	59	<1	0.01	3	290	12	<5	<20	3	0.27	<10	37	<10	3	17
66	LL	1+25 N	<5	<0.2	2.35	<5	60	<5	0.07	<1	8	21	13	4.36	<10	0.09	90	<1	<0.01	3	920	14	<5	<20	4	0.27	<10	65	<10	2	25
67	LL	1+50 N	<5	<0.2	1.44	10	50	<5	0.05	<1	5	19	7	3.11	<10	0.31	81	<1	<0.01	<1	290	10	<5	<20	3	0.17	<10	52	<10	1	24
68	LL	1+75 N	<5	<0.2	2.73	10	80	<5	0.09	<1	10	23	21	5.59	<10	0.41	278	<1	<0.01	5	380	6	<5	<20	3	0.23	<10	75	<10	<1	43
69	LL	2+00 N	<5	<0.2	2.90	140	130	<5	0.16	<1	18	61	57	8.59	<10	1.05	453	<1	<0.01	12	740	10	<5	<20	5	0.25	<10	115	<10	<1	102
70	LL	2+25 N	<5	<0.2	3.13	40	100	<5	0.16	<1	33	27	102	8.31	<10	0.62	977	<1	<0.01	12	650	16	<5	<20	4	0.28	<10	95	<10	11	112
71	LL	0+00 N	<5	<0.2	2.46	80	85	<5	0.25	<1	30	22	136	6.00	20	0.87	455	<1	0.02	19	630	10	<5	<20	9	0.14	<10	81	<10	15	77
72	LL	0+25 N	5	<0.2	2.34	50	65	<5	0.16	<1	13	21	70	4.12	20	0.78	202	<1	0.02	11	730	8	<5	<20	7	0.10	<10	75	<10	8	50
73	LL	0+50 N	<5	<0.2	2.52	<5	50	<5	0.08	<1	7	12	50	5.34	<10	0.22	75	<1	0.01	4	370	6	<5	20	4	0.24	<10	62	<10	4	24
74	LL	0+75 N	<5	<0.2	1.00	10	50	<5	0.06	<1	5	11	15	2.33	<10	0.21	92	<1	0.01	2	360	6	<5	20	4	0.14	<10	46	<10	<1	23
75	LL	1+00 N	5	<0.2	2.19	<5	50	<5	0.06	<1	5	10	7	1.83	<10	0.14	61	<1	0.01	3	490	6	<5	<20	5	0.15	<10	32	<10	3	19
76	LL	1+25 N	<5	<0.2	2.70	10	50	<5	0.18	<1	11	21	10	2.94	<10	0.50	129	<1	0.02	7	210	<2	<5	<20	8	0.23	<10	49	<10	3	40
77	LL	1+50 N	<5	<0.2	2.34	25	65	<5	0.18	<1	13	40	18	3.57	<10	0.67	444	<1	0.02	10	340	2	<5	<20	5	0.22	<10	67	<10	2	41
78	LL	1+75 N	<5	<0.2	2.38	10	65	<5	0.11	<1	14	29	19	3.71	<10	0.52	440	<1	<0.01	10	360	8	<5	<20	4	0.19	<10	60	<10	3	54
79	LL	2+00 N	<5	<0.2	3.19	35	55	<5	0.14	<1	14	26	21	4.40	<10	0.59	260	<1	0.01	10	480	<2	<5	<20	6	0.19	<10	69	<10	<1	48
80	LL	2+25 N	<5	<0.2	2.93	10	45	<5	0.11	<1	12	22	15	2.97	<10	0.50	314	<1	0.02	8	370	<2	<5	<20	7	0.18	<10	55	<10	2	40
81	LL	2+50 N	<5	<0.2	2.26	<5	45	<5	0.11	<1	8	21	11	3.81	<10	0.31	99	<1	0.01	8	330	6	<5	<20	4	0.19	<10	69	<10	1	23
82	LL	2+75 N	<5	<0.2	1.53	10	45	<5	0.24	<1	7	20	10	2.59	<10	0.34	236	<1	0.01	5	370	4	<5	<20	5	0.15	<10	49	<10	<1	23
83	LL	3+00 N	<5	<0.2	4.46	10	40	<5	0.13	<1	8	13	23	2.22	<10	0.25	99	<1	0.02	6	590	<2	<5	<20	7	0.18	<10	34	<10	6	21
84	LL	3+25 N	5	<0.2	2.36	5	50	<5	0.14	<1	8	25	11	2.37	<10	0.32	116	<1	0.01	7	250	<2	<5	<20	4	0.18	<10	45	<10	2	27
85	LL	3+50 N	<5	<0.2	1.91	<5	35	<5	0.08	<1	7	13	11	2.64	<10	0.22	119	<1	0.02	3	280	4	<5	<20	4	0.17	<10	47	<10	<1	17
86	LL	3+75 N	<5	<0.2	2.10	5	55	<5	0.19	<1	13	28	18	3.06	<10	0.60	239	<1	0.01	9	150	<2	<5	<20	5	0.17	<10	60	<10	1	38
87	LL	4+00 N	<5	<0.2	1.89	10	45	<5	0.15	<1	9	21	12	2.59	<10	0.55	137	<1	0.02	6	230	<2	<5	<20	5	0.18	<10	60	<10	<1	26
88	LL	4+75 N	<5	<0.2	4.46	30	30	<5	0.07	<1	8	15	18	3.55	<10	0.23	99	<1	0.02	5	440	<2	<5	20	5	0.17	<10	49	<10	<1	21
89	LL	5+00 N	<5	<0.2	1.28	<5	75	<5	0.14	<1	4	15	18	2.00	<10	0.41	162	<1	0.01	8	980	56	<5	<20	11	0.05	<10	23	<10	2	50
90	LL	5+25 N	<5	<0.2	2.57	20	75	<5	0.16	<1	20	26	92	4.80	30	0.89	357	<1	0.02	24	730	26	<5	<20	14	0.13	<10	57	<10	18	88
91	LL	5+50 N	<5	<0.2	2.49	20	80	<5	0.15	<1	21	26	124	6.59	30	0.82	403	<1	0.02	21	810	40	<5	<20	13	0.16	<10	52	<10	12	76
92	LL	5+75 N	<5	<0.2	1.44	<5	80	<5	0.10	<1	7	19	29	3.60	20	0.68	193	<1	0.02	7	1130	38	<5	<20	10	0.15	<10	30	<10	2	40
93	LL	6+00 N	<5	<0.2	1.69	<5	55	<5	0.07	<1	5	16	39	2.93	20	1.00	202	<1	0.02	2	520	32	<5	<20	7	0.14	<10	29	<10	2	32
94	LL	6+50 N	<5	<0.2	1.53	20	60	<5	0.10	<1	8	16	35	3.43	20	0.50	187	<1	0.02	9	980	40	<5	<20	10	0.11	<10	25	<10	5	41
95	LL	6+75 N	<5	<0.2	1.88	15	75	<5	0.12	<1	10	16	84	4.97	30	0.68	245	<1	0.02	10	960	50	<5	<20	18	0.15	<10	34	<10	4	50

TOKLAT RESOURCES INC. | **ICP CERTIFICATE OF ANALYSIS AK96-1017** | **ECO-TECH LABORATORIES LTD.**

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
96	LL	7+00 N	<5	<0.2	3.25	15	110	10	0.29	<1	40	146	68	6.01	20	1.77	516	<1	0.01	92	480	<2	<5	<20	12	0.43	<10	108	<10	11	65
97	LL	7+25 N	<5	<0.2	2.68	5	90	<5	0.09	<1	35	21	80	4.26	30	0.82	827	<1	0.01	23	460	<2	<5	<20	14	0.21	<10	57	<10	12	47
98	LL	7+50 N	<5	<0.2	1.36	<5	65	<5	0.11	<1	4	12	21	1.70	<10	0.43	135	<1	0.02	5	890	44	<5	<20	15	0.05	<10	23	<10	1	38
99	LL	7+75 N	5	<0.2	2.56	<5	75	<5	0.07	<1	12	17	53	4.49	20	0.86	168	<1	0.01	10	360	<2	<5	<20	9	0.20	<10	55	<10	2	35
100	LL	8+00 N	<5	<0.2	2.00	30	75	<5	0.07	<1	12	12	71	4.27	20	0.57	229	<1	0.02	10	950	6	<5	20	16	0.16	<10	41	<10	3	32
101	LL	8+25 N	<5	<0.2	2.09	15	80	<5	0.07	<1	18	14	90	5.74	30	0.64	279	<1	0.01	14	670	4	<5	<20	10	0.17	<10	36	<10	4	44
102	LL	8+50 N	<5	<0.2	2.86	20	90	<5	0.09	<1	17	18	61	5.11	20	0.68	286	<1	0.01	12	480	6	<5	<20	13	0.21	<10	50	<10	4	51
103	LL	8+75 N	<5	<0.2	2.99	10	55	<5	0.08	<1	8	15	32	4.25	<10	0.42	119	<1	0.01	6	350	<2	<5	<20	9	0.21	<10	45	<10	1	29
104	LL	9+00 N	5	<0.2	1.77	<5	50	<5	0.11	<1	8	17	9	3.72	<10	0.53	139	<1	0.01	5	130	8	<5	<20	7	0.23	<10	46	<10	3	43

QC DATA:

Repeat:

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	MWS5		<5	0.4	3.78	20	20	<5	0.18	<1	7	4	12	1.42	10	0.12	51	<1	0.03	5	630	<2	<5	<20	10	0.19	<10	34	<10	13	12
9	L2200	0+25 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	L2200	0+50 N	-	<0.2	1.86	10	70	<5	0.24	<1	11	18	23	4.73	10	0.71	215	<1	<0.01	5	240	<2	<5	<20	6	0.17	<10	78	10	<1	43
18	L2200	2+50 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	L2200	2+75 N	-	<0.2	3.32	35	75	<5	0.12	<1	11	20	29	4.29	10	0.48	142	<1	<0.01	7	510	<2	<5	<20	4	0.22	<10	63	<10	<1	33
26	L2200	4+50 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	L2200	5+00 N	-	<0.2	2.88	<5	45	<5	0.20	<1	7	13	8	3.58	<10	0.10	89	<1	0.01	3	580	<2	<5	<20	6	0.20	<10	55	<10	<1	25
35	L2300	0+50 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	L2300	0+75 N	-	<0.2	1.87	<5	45	<5	0.10	<1	7	23	11	4.03	<10	0.61	121	<1	<0.01	1	180	10	<5	<20	3	0.22	<10	54	<10	<1	23
44	L2300	2+75 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	L2300	3+00 N	-	0.6	2.89	25	220	<5	0.72	<1	38	30	55	4.82	10	0.83	3016	<1	0.02	22	500	2	<5	<20	15	0.25	<10	72	<10	5	102
53	L2300	5+00 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	L2300	5+25 N	-	<0.2	1.99	<5	100	<5	0.23	<1	15	35	18	4.53	<10	0.44	298	<1	<0.01	11	790	18	<5	<20	5	0.21	<10	74	<10	1	70
61	L2300	7+00 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63	LL	0+50 N	-	<0.2	1.79	10	60	<5	0.12	<1	10	28	22	4.65	<10	0.66	349	<1	<0.01	7	780	6	<5	<20	3	0.18	<10	61	<10	3	58
70	LL	2+25 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	LL	0+00 N	-	<0.2	2.65	85	85	<5	0.25	<1	30	23	148	6.18	20	0.94	464	<1	0.02	19	660	10	<5	<20	11	0.14	<10	84	<10	16	79
79	LL	2+00 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	LL	2+25 N	-	<0.2	2.87	20	40	<5	0.11	<1	12	21	13	2.83	<10	0.48	299	<1	0.02	6	370	<2	<5	<20	7	0.17	<10	53	<10	<1	37
88	LL	4+75 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
89	LL	5+00 N	-	<0.2	1.36	5	85	<5	0.10	<1	6	20	23	2.34	20	0.52	179	<1	0.01	11	860	40	<5	<20	9	0.10	<10	20	<10	2	44
96	LL	7+00 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bl	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Nl	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
QC DATA: (Cont'd)																														
Standard:																														
GEO 96		140	1.4	1.77	60	190	<5	2.02	<1	23	73	74	4.14	<10	1.00	780	<1	0.01	26	710	18	<5	<20	55	0.17	<10	88	<10	<1	83
GEO 96		145	1.8	1.73	60	185	<5	2.03	<1	26	70	82	4.10	<10	0.94	720	1	0.01	24	820	18	<5	<20	52	0.20	<10	84	<10	5	72
GEO 96		140	1.6	1.65	60	150	<5	1.77	<1	20	64	74	4.01	<10	0.90	669	2	0.01	22	700	18	10	<20	50	0.11	<10	77	<10	5	72
GEO 96		150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/1017/1017B/1017C
XLS/96Toklat#2

10-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK96-936

TOKLAT RESOURCES INC.
SS1, SITE 7-95
2720-17th STREET SOUTH
CRANBROOK, B.C.
V1C 4H4

ATTENTION: TIM TERMUENDE

No. of samples received:48
Sample Type:SILT
PROJECT #:NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by:T.TERMEUNDE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	CDMFS-1	<5	0.4	3.39	60	90	<5	0.28	<1	82	38	224	5.34	40	1.16	589	2	0.01	48	840	36	<5	<20	23	0.13	<10	68	<10	77	142
2	CDMFS-2	<5	0.4	1.79	15	55	<5	0.68	1	14	22	21	2.20	10	0.48	1550	3	0.01	11	1020	48	<5	<20	17	0.05	<10	32	<10	16	86
3	CDMFS-3	<5	0.2	3.73	50	100	<5	0.39	<1	159	45	255	6.19	50	1.42	887	3	0.02	83	920	42	<5	<20	31	0.14	<10	78	<10	90	211
4	CDMFS-4	5	1.0	4.93	305	115	<5	0.30	<1	283	21	717	8.39	40	1.05	3116	8	0.02	53	1280	114	<5	<20	22	0.12	<10	100	140	114	194
5	CDMFS-5	<5	0.4	1.00	<5	90	5	0.03	<1	57	11	199	>10	<10	0.62	429	7	0.02	9	1260	8	<5	<20	19	0.24	30	74	<10	<1	31
6	CDMFS-6	<5	<0.2	2.72	105	100	<5	0.37	<1	67	46	106	4.89	20	1.10	521	1	0.01	53	1160	48	<5	<20	21	0.14	<10	63	<10	42	123
7	CDDOCS-1	<5	0.4	1.47	45	60	<5	0.16	<1	14	14	44	3.56	<10	0.75	514	4	<0.01	18	690	58	<5	<20	8	<0.01	<10	21	<10	4	91
8	CDDOCS-2	<5	1.0	1.24	70	60	<5	1.86	1	12	11	22	2.16	20	0.51	1369	4	<0.01	24	1600	64	<5	<20	74	<0.01	20	24	<10	10	144
9	CDDOCS-3	<5	0.8	1.37	65	55	<5	1.08	<1	21	12	33	3.31	10	0.76	1326	4	<0.01	43	1240	74	<5	<20	48	0.01	<10	20	<10	7	153
10	CDDOCS-4	<5	0.6	1.93	65	60	5	0.11	<1	26	32	33	5.19	10	1.02	667	6	<0.01	35	490	72	<5	<20	7	<0.01	<10	28	<10	4	99
11	CDDOCS-5	<5	1.0	1.67	35	55	<5	0.48	<1	22	27	21	3.54	20	0.80	660	5	<0.01	31	870	50	<5	<20	18	0.01	<10	24	<10	7	99
12	CDDOCS-6	<5	0.2	3.37	30	80	<5	0.48	<1	40	36	115	7.04	10	2.60	975	2	<0.01	35	730	64	<5	<20	16	0.09	<10	172	<10	9	106
13	MBL2450 0+25 N	<5	<0.2	2.75	70	95	<5	0.36	<1	24	8	145	6.52	<10	1.02	389	<1	0.02	10	600	20	<5	<20	13	0.19	<10	140	210	<1	51
14	MBL2450 0+50 N	<5	<0.2	3.10	20	95	<5	0.14	<1	40	44	133	5.74	<10	1.29	594	<1	<0.01	39	730	24	<5	<20	9	0.17	<10	88	10	3	80
15	MBL2450 0+75 N	<5	0.2	3.43	35	100	<5	0.16	<1	27	75	81	5.21	<10	1.14	406	<1	<0.01	35	570	28	<5	<20	31	0.17	<10	70	20	7	76
16	MBL2450 1+00 N	5	0.4	3.17	35	95	<5	0.13	<1	17	51	55	4.57	<10	0.99	394	<1	0.01	18	660	26	<5	<20	18	0.16	10	72	60	<1	73
17	MBL2450 1+25 N	<5	0.2	1.75	<5	50	10	0.03	<1	6	17	19	3.17	<10	0.52	163	<1	<0.01	4	370	16	<5	<20	5	0.14	10	24	<10	7	29
18	MBL2450 1+50 N	<5	0.6	3.72	10	20	<5	0.08	<1	9	6	29	2.00	<10	0.13	160	<1	0.02	6	630	32	<5	<20	8	0.15	<10	27	<10	26	19
19	MBL2450 1+75 N	<5	<0.2	2.76	10	45	<5	0.04	<1	10	19	38	3.78	<10	0.53	229	<1	<0.01	6	480	26	<5	<20	3	0.13	<10	34	<10	9	32
20	MBL2450 2+00 N	<5	0.2	5.09	15	20	5	0.06	<1	6	11	20	2.66	<10	0.08	81	<1	0.02	4	1080	36	<5	<20	4	0.16	<10	36	<10	11	15
21	MBL2450 2+25 N	5	0.4	4.03	15	95	<5	0.08	<1	101	26	135	5.42	20	0.72	1562	3	0.01	30	1160	50	<5	<20	10	0.14	<10	38	<10	47	73
22	MBL2450 2+50 N	<5	<0.2	3.20	15	80	<5	0.08	<1	16	26	141	5.54	10	0.80	234	2	0.01	26	1060	44	<5	<20	9	0.15	<10	36	<10	28	60
23	MBL2490 2+75 N	<5	0.2	2.94	10	55	<5	0.07	<1	9	16	56	3.61	<10	0.45	138	<1	0.02	8	770	32	<5	<20	8	0.14	<10	34	<10	19	33
24	MBL2490 0+00 N	<5	0.4	1.15	<5	65	<5	0.03	<1	7	18	32	4.90	20	0.62	160	2	0.02	3	700	28	<5	<20	13	0.14	10	21	<10	4	32
25	MBL2490 0+25 N	<5	0.4	2.35	30	95	5	0.07	<1	16	56	70	6.57	10	1.19	409	2	0.02	22	830	24	<5	<20	17	0.14	<10	61	<10	11	79

TOKLAT RESOURCES INC. | ICP CERTIFICATE OF ANALYSIS AK96-936 | ECO-TECH LABORATORIES LTD.

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	MBL2520	0+00 N	<5	0.2	2.59	45	95	<5	0.07	<1	15	59	76	7.56	20	1.30	381	2	0.02	21	830	24	<5	<20	19	0.15	<10	69	<10	13	75
27	MBL2520	0+25 N	5	0.4	1.16	10	65	<5	0.02	<1	7	20	45	6.79	30	0.63	131	3	0.03	5	800	16	<5	<20	11	0.12	<10	21	<10	3	26
28	MBL2520	0+50 N	<5	0.4	1.43	5	65	<5	0.01	<1	7	17	54	6.49	70	0.45	105	6	0.05	5	970	22	<5	<20	25	0.03	<10	23	<10	25	32
29	MBL2520	0+75 N	<5	0.4	1.43	25	80	5	0.03	<1	9	23	64	8.06	20	0.66	171	5	0.02	7	1040	40	<5	<20	13	0.12	<10	27	<10	5	33
30	MBL2520	1+00 N	5	0.4	1.90	45	90	<5	0.06	<1	17	30	113	8.44	30	0.89	296	5	0.03	16	1140	50	<5	<20	23	0.12	<10	38	<10	11	48
31	MBL2520	1+25 N	<5	0.4	2.37	25	105	<5	0.05	<1	19	27	146	9.43	10	1.10	326	6	0.02	18	1340	34	<5	<20	12	0.10	10	59	<10	6	47
32	MBL2520	1+50 N	<5	0.4	2.44	15	100	<5	0.03	<1	24	23	159	9.75	10	1.16	337	7	0.02	18	1190	22	<5	<20	12	0.08	<10	57	<10	7	43
33	MBL2520	2+50 N	5	1.0	2.54	10	50	<5	0.45	<1	52	38	122	8.25	<10	2.57	1772	4	<0.01	47	600	82	<5	<20	5	0.10	<10	104	<10	12	106
34	MBL2570	0+00 N	10	0.8	3.62	35	80	<5	0.39	1	133	42	257	>10	<10	3.21	3397	7	0.02	95	920	26	<5	<20	12	0.12	<10	132	<10	22	276
35	MBL2570	0+25 N	<5	0.8	3.86	40	95	<5	0.48	<1	120	61	362	>10	<10	3.24	2257	4	0.01	89	930	68	<5	<20	15	0.16	<10	168	<10	13	130
36	MBL2570	0+50 N	<5	0.2	3.53	20	105	<5	0.45	<1	85	62	240	>10	<10	2.92	1673	4	0.01	67	1020	24	<5	<20	18	0.17	<10	166	<10	5	69
37	MBL2570	0+75 N	<5	<0.2	2.42	60	115	<5	0.10	<1	32	49	105	7.71	20	1.34	528	<1	0.03	31	670	30	<5	<20	9	0.22	<10	75	<10	6	74
38	MBL2570	1+00 N	10	<0.2	2.60	40	120	15	0.22	<1	29	24	166	>10	<10	1.20	655	7	0.02	24	2200	26	<5	<20	18	0.22	<10	84	<10	<1	90
39	MBL2570	1+25 N	<5	0.4	2.47	10	145	<5	0.37	<1	57	31	229	>10	<10	1.20	899	4	0.02	48	1380	40	<5	<20	17	0.18	<10	80	<10	13	80
40	MBL2570	1+50 N	<5	1.0	1.85	10	80	<5	0.20	<1	34	23	180	9.84	10	0.88	525	4	0.02	30	720	88	<5	<20	27	0.15	<10	52	<10	10	57
41	MBL2570	1+75 N	<5	0.2	1.59	<5	105	<5	0.26	<1	14	21	96	9.10	<10	0.75	280	3	0.02	12	1100	36	<5	<20	21	0.16	<10	36	<10	4	36
42	MBL2570	2+00 N	<5	0.4	1.72	15	65	5	0.21	<1	18	14	68	9.45	<10	0.73	333	2	0.02	10	1210	36	<5	<20	10	0.18	20	49	<10	<1	35
43	MBL2570	2+25 N	<5	<0.2	3.05	20	75	<5	0.65	<1	44	154	101	6.86	<10	1.97	641	2	0.04	40	360	36	<5	<20	42	0.11	<10	87	<10	3	58
44	MBL2570	2+50 N	<5	0.2	2.26	<5	95	<5	0.17	<1	21	36	103	7.78	10	1.08	414	2	0.02	20	770	40	<5	<20	20	0.15	<10	68	<10	7	44
45	MWS1		5	1.4	3.17	495	120	<5	0.40	<1	69	15	298	9.66	<10	1.02	6000	5	0.01	43	970	156	<5	<20	18	0.11	<10	104	<10	7	229
46	MWS2		10	0.2	2.64	20	105	<5	0.22	<1	30	76	113	6.22	10	1.35	387	2	0.02	29	940	30	<5	<20	22	0.15	<10	56	<10	15	67
47	MWS3		<5	<0.2	1.82	5	40	<5	0.35	<1	25	35	20	3.30	100	0.93	658	2	<0.01	21	840	14	<5	<20	8	0.08	<10	72	<10	113	38
48	MWS4		<5	<0.2	3.43	260	105	<5	0.69	<1	49	38	91	5.46	<10	1.38	919	<1	0.02	33	1330	124	<5	<20	30	0.18	<10	91	<10	15	157

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC/DATA:																															
Repeat:																															
1	CDMFS-1		<5	<0.2	3.49	65	90	<5	0.30	<1	83	39	228	5.47	40	1.20	616	2	0.01	51	860	38	<5	<20	22	0.13	<10	70	<10	78	146
10	CDDOCS-4		<5	0.6	1.93	65	60	5	0.10	<1	25	31	31	5.12	10	1.01	654	5	<0.01	34	490	72	<5	<20	6	<0.01	<10	27	<10	4	98
19	MBL2450	1+75 N	<5	<0.2	2.76	5	50	<5	0.04	<1	10	20	38	3.79	<10	0.52	224	<1	<0.01	6	470	26	<5	<20	5	0.14	10	34	<10	9	31
28	MBL2520	0+50 N	<5	0.4	1.43	<5	65	<5	0.01	<1	7	17	54	6.42	60	0.45	112	6	0.05	5	940	24	<5	<20	25	0.03	<10	23	<10	25	32
36	MBL2570	0+50 N	<5	0.4	3.62	20	100	<5	0.51	<1	87	64	260	>10	<10	2.97	1669	3	0.01	70	1090	30	<5	<20	15	0.18	<10	171	<10	6	73
45	MWS1		-	1.6	3.20	510	120	<5	0.40	<1	70	15	302	9.72	<10	1.01	6074	6	0.01	44	970	160	<5	<20	17	0.11	<10	104	<10	8	232
Standard:																															
GEO'96			140	1.2	2.00	60	145	<5	1.97	<1	20	68	77	4.40	<10	1.08	752	<1	0.02	25	790	22	<5	<20	60	0.14	<10	87	<10	3	64
GEO'96			150	1.2	1.96	65	150	<5	1.90	<1	19	68	75	4.22	<10	1.03	726	<1	0.02	24	720	20	<5	<20	65	0.14	<10	84	<10	3	61

df/936
XLS/96Toklat

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

16-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK96-1059

TOKLAT RESOURCES INC.
SS1, SITE 7-95
2720-17th STREET SOUTH
CRANBROOK, B.C.
V1C 4H4

ATTENTION: TIM TERMUENDE

No. of samples received: 128
Sample Type: Soil
PROJECT #: DR.Creek
SHIPMENT #: MF96-03
Samples submitted by: T.Termuende

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	L7400 - 0 + 00	<5	<0.2	3.23	50	120	<5	0.69	<1	58	37	130	5.88	10	1.18	1253	<1	0.02	37	840	82	<5	<20	39	0.10	<10	86	<10	12	190
2	L7400 - 0 + 25	<5	0.2	2.45	20	85	<5	0.39	2	99	51	65	3.81	70	0.99	1929	<1	0.01	101	470	46	<5	<20	25	0.10	<10	50	<10	34	302
3	L7400 - 0 + 50	5	<0.2	1.92	30	80	<5	0.25	<1	31	30	44	4.23	20	0.69	862	<1	0.01	28	660	50	<5	<20	15	0.11	<10	42	<10	11	125
4	L7400 - 0 + 75	<5	<0.2	2.38	5	65	<5	0.04	<1	12	21	32	4.18	10	0.49	318	3	<0.01	14	700	72	<5	<20	9	0.10	<10	38	<10	2	99
5	L7400 - 1 + 00	<5	<0.2	1.34	<5	30	<5	0.02	<1	5	15	8	3.07	<10	0.24	114	<1	<0.01	3	320	48	<5	<20	4	0.13	<10	42	<10	<1	28
6	L7400 - 1 + 25	<5	<0.2	0.87	<5	30	<5	0.02	<1	4	9	8	1.65	<10	0.16	56	<1	<0.01	2	200	26	<5	<20	6	0.08	<10	27	<10	1	18
7	L7400 - 1 + 50	<5	<0.2	1.05	30	50	<5	0.02	<1	8	12	19	3.08	<10	0.22	150	<1	<0.01	7	250	32	<5	<20	7	0.14	<10	69	<10	2	39
8	L7400 - 1 + 75	<5	<0.2	1.75	25	65	<5	0.12	<1	12	12	24	3.30	<10	0.40	165	<1	0.01	7	310	36	<5	<20	10	0.14	<10	60	<10	2	46
9	L7400 - 2 + 00	<5	<0.2	2.59	20	120	<5	0.21	1	99	26	103	5.95	20	0.74	1746	3	0.02	41	1230	116	<5	<20	21	0.15	<10	42	<10	44	176
10	L7500 - 0 + 25 S	<5	<0.2	0.72	20	35	<5	0.03	<1	6	25	8	1.91	<10	0.30	106	<1	<0.01	7	230	24	<5	<20	4	0.09	<10	27	<10	1	30
11	L7500 - 0 + 50 S	<5	0.2	0.28	<5	45	<5	0.03	<1	3	3	4	0.37	<10	0.02	29	<1	<0.01	1	210	18	<5	<20	8	0.07	10	10	<10	1	6
12	L7500 - 0 + 75 S	<5	<0.2	0.30	<5	35	<5	0.02	<1	4	4	4	0.61	<10	0.05	36	<1	<0.01	2	140	18	<5	<20	6	0.09	<10	15	<10	1	12
13	L7500 - 1 + 00 S	<5	1.0	1.58	5	45	<5	0.10	<1	7	8	11	1.14	40	0.16	185	<1	0.01	7	750	46	<5	<20	10	0.07	<10	15	<10	18	32
14	L7500 - 1 + 25 S	5	0.6	1.74	10	55	5	0.27	<1	7	19	11	1.59	20	0.28	314	2	0.01	8	640	60	<5	<20	18	0.06	<10	23	<10	9	39
15	L7500 - 0 + 25 N	<5	0.6	1.71	10	50	<5	0.27	<1	7	19	11	1.63	20	0.29	313	1	0.01	6	630	60	<5	<20	14	0.07	<10	23	<10	8	40
16	L7500 - 0 + 50 N	<5	<0.2	0.92	<5	40	<5	0.11	<1	5	58	4	0.98	10	0.37	27	<1	0.01	19	270	32	<5	<20	8	0.11	<10	25	<10	1	27
17	L7500 - 0 + 75 N	<5	0.4	0.75	10	50	<5	0.11	<1	5	10	5	1.15	<10	0.17	73	<1	<0.01	4	240	36	<5	<20	8	0.08	10	21	<10	1	29
18	L7500 - 1 + 00 N	<5	<0.2	0.31	<5	25	<5	0.04	<1	3	5	2	0.46	<10	0.06	49	<1	<0.01	1	150	16	<5	<20	5	0.05	<10	12	<10	2	13
19	L7500 - 1 + 25 N	<5	<0.2	1.01	10	40	<5	0.03	<1	7	15	9	2.70	<10	0.28	119	<1	<0.01	6	300	26	<5	<20	6	0.08	<10	35	<10	2	38
20	L7500 - 1 + 50 N	5	<0.2	0.95	<5	30	<5	0.02	<1	5	6	6	1.78	<10	0.04	30	<1	0.01	3	300	26	<5	<20	6	0.14	<10	29	<10	1	12

TOKLAT RESOURCES INC.

ICP CERTIFICATE OF ANALYSIS AK96-1059

ECO-TECH LABORATORIES LTD.

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	L7500 - 1 + 75	N	<5	0.2	4.07	20	45	<5	0.04	<1	7	13	9	3.09	<10	0.12	74	<1	0.01	5	580	64	<5	<20	8	0.13	<10	39	<10	2	22
22	L7500 - 2 + 00	N	10	2.4	3.22	15	45	<5	0.08	<1	4	13	19	1.42	30	0.08	30	2	0.01	6	790	76	<5	<20	8	0.07	<10	16	<10	15	23
23	L7500 - 2 + 25	N	<5	<0.2	2.21	50	65	5	0.29	<1	8	21	11	3.40	20	0.29	112	<1	<0.01	9	280	60	<5	<20	17	0.10	<10	33	<10	10	56
24	L7500 - 2 + 50	N	<5	1.0	1.87	60	70	<5	0.45	<1	9	19	11	2.58	20	0.37	144	3	<0.01	13	490	56	<5	<20	18	0.07	<10	26	<10	10	80
25	L7500 - 2 + 75	N	<5	<0.2	1.48	50	60	<5	0.10	<1	9	20	8	2.74	<10	0.52	142	<1	<0.01	11	90	42	<5	<20	7	0.09	<10	29	<10	2	87
26	L7500 - 3 + 00	N	<5	<0.2	1.47	20	60	<5	0.14	4	11	21	12	2.43	10	0.58	330	<1	<0.01	11	230	34	<5	<20	7	0.06	<10	24	<10	5	77
27	L7500 - 3 + 25	N	<5	<0.2	1.30	15	55	<5	0.08	<1	9	23	15	2.17	20	0.60	168	1	<0.01	12	340	36	<5	<20	11	0.04	<10	24	<10	9	56
28	L7500 - 3 + 50	N	<5	0.6	2.00	35	70	<5	0.07	3	14	26	27	2.90	60	0.68	269	2	<0.01	16	570	68	<5	<20	7	0.04	<10	27	<10	32	85
29	L7500 - 3 + 75	N	5	0.2	1.78	20	85	5	0.33	2	11	23	15	2.70	40	0.65	635	1	<0.01	15	450	44	<5	<20	15	0.06	<10	26	<10	19	98
30	L7500 - 4 + 00	N	<5	<0.2	1.71	10	85	<5	0.19	1	12	20	16	2.64	20	0.58	976	1	<0.01	12	460	48	<5	<20	13	0.07	<10	25	<10	10	78
31	L7900A - 0 + 00	N	<5	<0.2	3.77	10	60	<5	0.07	1	9	9	20	2.23	<10	0.16	254	<1	0.01	6	610	46	<5	<20	11	0.15	<10	32	<10	5	27
32	L7900A - 0 + 25	N	5	<0.2	2.35	10	85	<5	0.04	2	13	29	48	5.35	<10	0.72	257	2	<0.01	16	380	32	<5	<20	3	0.16	<10	42	<10	3	60
33	L7900A - 0 + 50	N	<5	0.4	2.65	<5	115	<5	0.08	2	10	16	25	3.75	<10	0.36	299	<1	0.01	8	440	40	<5	<20	13	0.15	<10	43	<10	3	43
34	L7900A - 0 + 75	N	<5	0.2	3.03	5	50	<5	0.05	2	7	7	13	1.87	<10	0.09	72	<1	0.02	4	370	40	<5	<20	9	0.15	<10	27	<10	3	19
35	L7900A - 1 + 00	N	<5	<0.2	2.96	5	80	<5	0.07	<1	11	16	23	3.24	<10	0.37	508	<1	0.01	8	620	40	<5	<20	11	0.16	<10	43	<10	3	47
36	L7900A - 1 + 25	N	<5	0.2	3.18	10	50	5	0.06	<1	8	6	11	2.08	<10	0.08	239	<1	0.02	4	510	40	<5	<20	8	0.16	<10	31	<10	4	13
37	L7900A - 1 + 50	N	<5	<0.2	3.44	10	50	5	0.06	<1	8	8	13	2.07	<10	0.09	162	<1	0.02	4	560	52	<5	<20	12	0.16	<10	29	<10	5	16
38	L7900A - 1 + 75	N	<5	<0.2	2.76	5	50	5	0.05	<1	7	10	13	2.57	<10	0.11	61	<1	0.02	3	320	48	<5	<20	9	0.17	<10	34	<10	4	17
39	L7900A - 2 + 00	N	<5	<0.2	2.28	20	75	10	0.06	<1	11	27	17	4.34	<10	0.64	275	<1	<0.01	8	330	50	<5	<20	9	0.20	<10	45	<10	2	65
40	L7900A - 2 + 25	N	<5	<0.2	1.35	10	55	10	0.07	<1	12	17	15	4.46	<10	0.29	136	<1	<0.01	8	330	36	<5	<20	7	0.29	<10	77	<10	<1	42
41	L7900A - 2 + 50	N	<5	<0.2	1.59	10	40	5	0.04	<1	6	9	11	2.85	<10	0.13	66	<1	0.01	5	420	34	<5	<20	4	0.14	<10	42	<10	<1	22
42	L7900A - 2 + 75	N	<5	<0.2	1.43	<5	60	<5	0.04	<1	6	14	9	2.41	<10	0.32	144	<1	<0.01	3	290	34	<5	<20	10	0.16	<10	42	<10	<1	30
43	L7900A - 3 + 00	N	<5	0.8	3.35	10	40	<5	0.05	<1	6	5	11	1.93	<10	0.06	31	<1	0.02	4	390	50	<5	<20	7	0.15	<10	26	<10	5	8
44	L7900A - 3 + 25	N	5	1.0	3.35	15	35	5	0.03	<1	6	9	13	2.53	<10	0.03	153	<1	0.01	3	510	54	<5	<20	7	0.16	<10	30	<10	5	10
45	L7900A - 3 + 50	N	5	<0.2	2.36	<5	70	10	0.06	<1	10	38	11	3.63	<10	0.78	322	<1	<0.01	5	310	50	<5	<20	9	0.23	<10	58	<10	2	79
46	L7900A - 3 + 75	N	<5	0.6	1.67	<5	45	5	0.03	<1	5	11	8	1.85	<10	0.14	71	<1	<0.01	3	290	44	<5	<20	5	0.12	<10	27	<10	1	26
47	L7900A - 4 + 00	N	<5	<0.2	2.87	<5	130	10	0.04	1	11	34	27	7.46	<10	0.80	308	4	<0.01	7	960	54	<5	<20	9	0.22	<10	62	<10	<1	76
48	L7900A - 4 + 25	N	<5	0.2	3.98	5	45	<5	0.04	<1	18	12	31	3.39	<10	0.09	254	3	0.01	7	690	64	<5	<20	6	0.16	<10	36	<10	11	24
49	L7900A - 4 + 50	N	5	0.2	3.46	10	30	10	0.03	<1	7	12	11	3.25	<10	0.10	60	<1	0.01	4	560	50	<5	<20	4	0.18	<10	43	<10	1	15
50	L7900A - 4 + 75	N	<5	<0.2	2.40	55	105	5	0.04	<1	17	33	38	6.32	<10	0.69	243	1	<0.01	13	800	44	<5	<20	11	0.21	<10	46	<10	<1	55
51	L7900 - 0 + 25	E	<5	<0.2	2.70	10	70	5	0.05	<1	9	13	11	2.43	<10	0.13	599	<1	0.01	4	980	58	<5	<20	10	0.13	<10	29	<10	5	37
52	L7900 - 0 + 50	E	<5	<0.2	2.09	15	80	5	0.06	1	14	23	24	3.63	<10	0.46	385	<1	<0.01	15	690	58	<5	<20	9	0.12	<10	32	<10	6	87
53	L7900 - 0 + 75	E	<5	0.2	1.59	15	70	<5	0.07	<1	8	18	20	2.76	<10	0.36	205	<1	<0.01	11	930	78	<5	<20	8	0.07	<10	30	<10	3	77
54	L7900 - 1 + 00	E	<5	<0.2	1.04	15	65	<5	0.08	<1	15	17	19	2.65	30	0.31	847	<1	<0.01	15	650	96	<5	<20	4	0.07	<10	15	<10	9	133
55	L7900 - 1 + 25	E	5	<0.2	1.45	30	65	5	0.08	<1	10	18	27	3.00	<10	0.36	433	2	<0.01	12	1030	162	<5	<20	7	0.07	<10	30	<10	5	95

TOKLAT RESOURCES INC. ICP CERTIFICATE OF ANALYSIS AK96-1059 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
56	L7900 - 1 + 50 E	<5	0.4	0.86	5	40	<5	0.02	<1	4	7	8	1.09	<10	0.09	56	<1	<0.01	4	660	36	<5	<20	8	0.07	<10	16	<10	2	24
57	L7900 - 1 + 75 E	<5	0.4	2.95	75	100	<5	0.10	<1	18	32	34	4.57	20	0.50	450	1	<0.01	25	630	148	<5	<20	9	0.15	<10	45	<10	11	269
58	L7900 - 2 + 00 E	<5	<0.2	1.88	10	55	<5	0.06	<1	10	15	23	2.86	<10	0.29	285	2	0.01	9	1190	64	<5	<20	8	0.09	<10	34	<10	3	59
59	L7900 - 2 + 25 E	<5	0.6	2.75	120	55	<5	0.07	<1	14	13	21	2.57	10	0.24	784	<1	0.01	9	1610	130	<5	<20	8	0.12	<10	28	<10	7	125
60	L7900 - 2 + 50 E	<5	0.6	2.11	<5	55	5	0.04	<1	7	7	9	1.68	<10	0.08	230	<1	0.01	5	350	46	<5	<20	8	0.13	<10	23	<10	3	28
61	L7900 - 2 + 75 E	<5	0.2	2.32	35	70	<5	0.09	<1	12	14	28	2.58	20	0.26	307	<1	0.01	12	1180	120	<5	<20	11	0.12	<10	28	<10	7	103
62	L7900 - 3 + 00 E	<5	0.4	1.71	50	35	<5	0.05	<1	6	9	11	2.07	<10	0.08	174	<1	0.01	5	570	52	<5	<20	5	0.12	<10	33	<10	2	31
63	L7900 - 3 + 25 E	<5	<0.2	2.45	25	75	<5	0.10	<1	40	14	108	4.49	<10	0.31	1650	<1	0.01	27	940	78	<5	<20	11	0.14	<10	24	<10	10	455
64	L7900 - 3 + 50 E	<5	<0.2	0.02	<5	10	<5	<0.01	<1	1	1	1	0.04	<10	<0.01	14	<1	<0.01	<1	20	4	<5	<20	5	<0.01	<10	<1	10	<1	3
65	L7900 - 3 + 75 E	<5	0.4	1.84	10	50	<5	0.06	<1	8	13	22	2.50	10	0.28	139	<1	0.02	7	620	64	<5	<20	5	0.11	<10	30	<10	6	79
66	L7900 - 4 + 00 E	<5	<0.2	2.25	15	55	<5	0.07	<1	11	10	41	4.19	<10	0.29	192	<1	0.02	6	800	62	<5	<20	8	0.16	<10	32	<10	2	101
67	L7900 - 4 + 25 E	<5	<0.2	2.51	15	50	5	0.05	<1	8	10	24	1.84	<10	0.17	145	<1	0.01	5	1010	58	<5	<20	9	0.11	<10	25	<10	8	38
68	L7900 - 4 + 50 E	<5	<0.2	2.79	40	50	5	0.06	<1	9	12	57	4.07	<10	0.27	132	<1	0.01	7	1370	64	<5	<20	8	0.14	<10	33	<10	10	64
69	L7900 - 0 + 00 W	<5	<0.2	2.01	20	75	10	0.12	<1	15	25	22	4.33	10	0.57	275	2	<0.01	19	370	66	<5	<20	11	0.14	<10	32	<10	7	202
70	L7900 - 0 + 25 W	<5	<0.2	0.73	<5	25	<5	0.08	1	3	5	4	0.74	<10	0.02	49	<1	0.01	2	640	32	<5	<20	7	0.07	<10	10	10	2	25
71	L7900 - 0 + 50 W	<5	<0.2	2.46	5	25	<5	0.04	<1	3	6	<1	1.22	<10	0.05	25	<1	0.01	2	630	40	<5	<20	5	0.11	<10	20	<10	4	16
72	L7900 - 0 + 75 W	<5	<0.2	3.53	10	45	<5	0.06	<1	7	8	7	2.24	<10	0.09	145	<1	0.01	4	680	52	<5	<20	11	0.16	<10	32	<10	4	23
73	L7900 - 1 + 00 W	<5	<0.2	2.70	<5	60	<5	0.06	3	8	10	4	3.35	<10	0.09	180	<1	0.01	5	550	46	<5	<20	7	0.19	<10	48	<10	<1	26
74	L7900 - 1 + 25 W	<5	<0.2	3.73	10	30	<5	0.06	<1	6	11	6	2.77	<10	0.13	58	<1	0.01	5	860	56	<5	<20	7	0.17	<10	39	<10	3	16
75	L7900 - 1 + 50 W	<5	<0.2	2.08	5	85	<5	0.11	<1	8	17	25	4.02	<10	0.42	175	<1	<0.01	9	1760	84	<5	<20	10	0.12	<10	35	<10	7	61
76	L7900 - 1 + 75 W	<5	<0.2	1.96	5	70	<5	0.10	<1	7	14	25	4.11	<10	0.39	154	<1	0.01	10	1620	56	<5	<20	4	0.11	<10	33	<10	6	50
77	L7900 - 2 + 00 W	<5	<0.2	2.24	50	75	5	0.13	<1	27	14	30	4.79	20	0.49	786	1	<0.01	15	770	46	<5	<20	8	0.13	<10	23	<10	13	96
78	L7900 - 2 + 25 W	<5	<0.2	2.04	160	80	5	0.15	<1	18	18	21	4.55	10	0.62	462	<1	<0.01	16	850	64	<5	<20	11	0.10	<10	24	<10	11	95
79	L7900 - 2 + 50 W	<5	<0.2	2.24	180	80	<5	0.16	<1	19	20	25	5.06	20	0.68	452	2	<0.01	18	1000	82	<5	<20	8	0.11	<10	26	<10	13	108
80	L7900 - 2 + 75 W	<5	<0.2	1.68	30	65	<5	0.11	<1	11	20	22	3.24	40	0.59	252	<1	<0.01	15	1170	88	<5	<20	13	0.09	<10	30	<10	22	68
81	L7900 - 3 + 00 W	<5	<0.2	0.02	<5	<5	<5	<0.01	<1	<1	<1	<1	0.04	<10	<0.01	3	<1	<0.01	<1	<10	<2	<5	<20	<1	<0.01	<10	<1	<10	<1	<1
82	L7900 - 3 + 25 W	<5	<0.2	2.11	550	70	<5	0.11	<1	18	39	17	3.77	20	0.72	815	<1	<0.01	19	1000	108	<5	<20	6	0.11	<10	32	<10	10	105
83	L7900 - 3 + 50 W	5	<0.2	2.58	165	60	5	0.12	<1	17	21	19	3.09	10	0.44	435	2	0.01	16	1100	74	<5	<20	8	0.10	<10	29	<10	12	78
84	L7900 - 3 + 75 W	<5	<0.2	2.66	50	70	<5	0.10	<1	15	32	23	3.75	20	0.59	303	<1	<0.01	17	1080	68	<5	<20	9	0.11	<10	35	<10	13	103
85	L7900 - 4 + 00 W	<5	<0.2	1.96	50	55	<5	0.40	<1	15	27	15	3.80	20	0.61	783	3	<0.01	17	1280	50	<5	<20	13	0.07	<10	29	<10	9	98
86	L7900 - 4 + 25 W	<5	<0.2	1.29	35	35	5	0.32	<1	7	15	6	2.28	<10	0.31	177	<1	<0.01	7	820	34	<5	<20	12	0.10	<10	22	<10	5	37
87	L7900 - 4 + 50 W	5	<0.2	3.11	90	55	<5	0.15	<1	14	29	21	3.41	30	0.63	406	<1	<0.01	14	1080	70	<5	<20	11	0.11	<10	40	<10	23	68
88	L7900 - 4 + 75 W	<5	0.4	2.12	150	50	<5	0.15	<1	45	48	64	5.61	20	1.40	1412	2	<0.01	40	600	114	<5	<20	4	0.07	<10	54	<10	16	119
89	L7900 - 5 + 00 W	<5	<0.2	2.15	115	60	<5	0.15	<1	44	46	61	5.01	20	1.36	1233	2	<0.01	32	630	114	<5	<20	9	0.06	<10	53	<10	16	110
90	L7900 - 5 + 25 W	5	<0.2	3.68	175	80	<5	0.35	<1	139	72	147	7.40	20	2.72	2379	2	<0.01	65	1060	92	<5	<20	8	0.10	<10	134	<10	31	162

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
91	L7900 - 5 + 50	W	5	0.4	1.95	170	75	<5	0.24	<1	44	50	67	5.44	10	1.23	1525	1	<0.01	37	750	166	<5	<20	11	0.09	<10	50	<10	12	175
92	L7900 - 5 + 75	W	<5	0.4	0.04	<5	10	<5	<0.01	<1	1	<1	<1	0.10	<10	0.03	31	<1	<0.01	<1	10	6	<5	<20	5	<0.01	10	1	<10	<1	2
93	L7900 - 6 + 00	W	<5	0.4	1.69	70	60	<5	0.22	<1	33	45	48	4.17	10	1.02	914	<1	<0.01	31	800	98	<5	<20	7	0.10	<10	47	<10	11	126
94	L7900 - 6 + 25	W	<5	<0.2	1.63	20	45	<5	0.08	<1	5	11	5	2.62	<10	0.19	227	<1	<0.01	5	680	72	<5	<20	6	0.12	<10	29	<10	<1	41
95	L8200 - 0 + 00		<5	<0.2	3.58	5	50	<5	0.08	<1	5	7	7	2.02	<10	0.14	80	<1	0.02	5	980	52	<5	<20	12	0.11	<10	27	<10	4	19
96	L8200 - 0 + 25	E	<5	<0.2	2.37	<5	60	<5	0.05	<1	4	8	4	1.65	10	0.14	95	<1	0.01	4	740	42	<5	<20	8	0.09	<10	21	<10	6	23
97	L8200 - 0 + 50	E	5	<0.2	4.86	15	20	<5	0.07	<1	8	6	8	1.90	<10	0.07	664	<1	0.01	4	930	52	<5	<20	7	0.13	<10	23	<10	2	14
98	L8200 - 0 + 75	E	<5	<0.2	4.05	10	35	<5	0.06	5	6	7	9	2.13	<10	0.10	89	<1	0.02	3	750	52	<5	<20	7	0.15	<10	27	<10	7	14
99	L8200 - 1 + 00	E	5	<0.2	6.15	20	35	5	0.07	<1	10	11	9	2.89	<10	0.06	519	<1	0.01	6	1500	82	<5	<20	7	0.14	<10	26	<10	4	26
100	L8200 - 1 + 25	E	<5	0.2	3.81	5	30	<5	0.07	1	6	6	4	2.08	<10	0.05	74	<1	0.02	4	520	52	<5	<20	6	0.16	<10	27	<10	4	7
101	L8200 - 1 + 50	E	<5	0.6	4.35	15	25	<5	0.10	<1	5	7	5	1.81	10	0.11	109	<1	0.02	5	800	66	<5	<20	7	0.16	<10	20	<10	10	75
102	L8200 - 1 + 75	E	5	0.8	1.84	10	55	<5	0.09	<1	10	11	6	2.21	<10	0.24	1376	<1	<0.01	7	1080	92	<5	<20	10	0.08	<10	29	<10	2	72
103	L8200 - 2 + 00	E	5	0.6	2.99	10	35	<5	0.05	<1	5	5	5	1.47	<10	0.07	68	<1	0.01	4	470	54	<5	<20	8	0.13	<10	20	<10	3	17
104	L8200 - 2 + 25	E	<5	<0.2	2.60	10	40	5	0.04	<1	5	7	4	1.85	<10	0.10	98	<1	0.01	4	840	50	<5	<20	6	0.10	<10	23	<10	4	17
105	L8200 - 2 + 50	E	5	<0.2	1.58	25	55	<5	0.02	<1	8	16	16	2.91	<10	0.47	197	<1	<0.01	12	240	60	<5	<20	4	0.06	<10	18	<10	5	82
106	L8200 - 2 + 75	E	<5	<0.2	1.65	<5	40	<5	0.04	1	6	9	9	1.94	<10	0.17	155	<1	<0.01	6	430	44	<5	<20	5	0.11	<10	22	<10	3	40
107	L8200 - 3 + 00	E	<5	<0.2	3.84	5	50	<5	0.09	<1	6	7	6	2.64	<10	0.06	81	<1	0.02	3	540	48	<5	<20	9	0.18	<10	35	<10	6	8
108	L8200 - 3 + 25	E	<5	0.8	3.63	10	30	<5	0.05	<1	5	6	7	1.87	<10	0.08	87	<1	0.02	4	730	48	<5	<20	8	0.15	<10	29	<10	5	15
109	L8200 - 3 + 50	E	<5	<0.2	4.93	15	40	<5	0.07	22	6	9	14	2.39	<10	0.08	66	<1	0.02	6	900	64	<5	<20	9	0.14	<10	28	<10	3	27
110	L8200 - 4 + 00	E	5	<0.2	2.89	10	60	<5	0.05	5	4	7	8	1.76	<10	0.02	31	<1	0.01	3	390	50	<5	<20	9	0.14	<10	24	<10	4	20
111	L8200 - 4 + 25	E	5	<0.2	2.57	<5	60	<5	0.04	8	5	8	11	1.97	<10	0.10	69	<1	0.01	6	560	46	<5	<20	8	0.11	<10	26	<10	3	28
112	L8200 - 4 + 50	E	<5	<0.2	2.28	15	80	<5	0.05	15	7	11	28	2.19	<10	0.20	94	<1	0.01	14	820	44	<5	<20	9	0.09	<10	26	<10	6	52
113	L8200 - 4 + 75	E	<5	<0.2	4.28	15	45	<5	0.09	1	6	10	7	2.22	<10	0.08	53	<1	0.02	4	810	70	<5	<20	9	0.18	<10	30	<10	4	20
114	L8200 - 5 + 00	E	<5	<0.2	1.50	35	45	<5	0.11	<1	15	17	26	3.87	<10	0.50	481	<1	<0.01	19	650	56	<5	<20	8	0.11	<10	26	<10	5	102
115	L8200 - 5 + 25	E	<5	0.4	2.57	80	75	<5	0.17	<1	11	23	23	3.39	20	0.39	449	<1	0.01	16	1420	118	<5	<20	11	0.09	<10	34	<10	12	163
116	L8200 - 5 + 75	E	<5	<0.2	1.97	180	80	<5	0.14	<1	17	20	31	3.72	20	0.47	596	<1	<0.01	19	890	116	<5	<20	12	0.11	<10	33	<10	8	132
117	L8200 - 6 + 00	E	5	0.6	2.63	30	40	<5	0.05	<1	5	8	9	2.06	<10	0.13	126	<1	0.01	5	720	70	<5	<20	3	0.12	<10	28	<10	2	44
118	L8200 - 6 + 25	E	<5	<0.2	2.52	85	45	<5	0.04	<1	6	9	7	2.05	<10	0.14	93	<1	0.01	6	670	72	<5	<20	6	0.13	<10	25	<10	5	58
119	L8200 - 6 + 50	E	5	0.4	3.25	10	25	<5	0.04	<1	6	6	4	1.86	<10	0.03	40	<1	0.01	3	490	56	<5	<20	7	0.16	<10	24	<10	4	12
120	L8200 - 6 + 75	E	<5	<0.2	2.61	10	60	<5	0.05	<1	8	10	7	2.50	<10	0.14	345	<1	0.01	5	710	58	<5	<20	10	0.14	<10	28	<10	3	40
121	L8200 - 7 + 00	E	5	0.2	2.47	210	60	10	0.12	<1	10	15	21	3.10	<10	0.32	383	<1	0.01	11	1260	124	<5	<20	9	0.12	<10	31	<10	5	164
122	L8200 - 7 + 50	E	<5	<0.2	2.01	35	70	<5	0.09	1	12	23	32	4.73	10	0.48	628	2	<0.01	17	1690	216	<5	<20	9	0.08	<10	44	<10	4	224
123	L8200 - 7 + 75	E	<5	<0.2	2.43	80	130	5	0.10	<1	17	15	74	6.91	<10	0.49	596	3	0.01	13	1970	112	<5	<20	11	0.17	<10	33	<10	8	146
124	L8200 - 8 + 00	E	<5	<0.2	3.26	40	125	<5	0.11	<1	16	36	77	7.19	<10	0.98	446	1	0.01	12	1630	94	<5	<20	10	0.18	<10	63	<10	7	136
125	L8200 - 8 + 25	E	10	<0.2	2.99	15	25	5	0.03	<1	5	6	11	1.61	<10	0.04	26	<1	0.01	2	420	58	<5	<20	4	0.15	<10	20	<10	4	12

TOKLAT RESOURCES INC. ICP CERTIFICATE OF ANALYSIS AK96-1059 ECO-TECH LABORATORIES LTD.

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
126	L8200 - 8 + 50	E	<5	<0.2	3.39	35	130	20	0.06	<1	13	8	22	8.21	<10	0.40	409	<1	<0.01	5	930	74	<5	<20	7	0.32	<10	56	<10	<1	89
127	L8200 - 8 + 75	E	5	<0.2	3.30	60	65	10	0.11	<1	11	11	50	5.64	<10	0.38	238	1	<0.01	7	1330	66	<5	<20	2	0.16	<10	37	<10	4	130
128	L8200 - 9 + 00	E	5	<0.2	2.15	90	75	10	0.06	<1	10	9	38	4.86	<10	0.26	181	1	0.01	7	1010	46	<5	<20	8	0.15	<10	34	<10	2	53
QC/DATA:																															
Repeat:																															
1	L7400 - 0 + 00		<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	L7500 - 0 + 25	S	<5	<0.2	0.70	20	35	10	0.03	<1	7	25	8	1.92	<10	0.29	103	<1	<0.01	7	220	28	<5	<20	7	0.09	<10	27	<10	2	30
19	L7500 - 1 + 25	N	<5	<0.2	0.97	10	35	5	0.02	2	6	13	10	2.46	<10	0.27	108	<1	<0.01	7	290	22	<5	<20	4	0.07	<10	33	<10	1	35
28	L7500 - 3 + 50	N	<5	0.2	1.98	30	70	5	0.07	1	14	25	25	2.80	60	0.66	263	2	<0.01	14	550	64	<5	<20	9	0.04	<10	25	<10	32	76
36	L7900A - 1 + 25	N	<5	0.2	3.23	5	55	<5	0.06	<1	10	8	12	2.47	<10	0.08	248	<1	0.02	5	540	58	<5	<20	11	0.18	<10	35	<10	4	16
45	L7900A - 3 + 50	N	<5	0.4	2.27	5	70	10	0.05	1	9	36	11	3.49	<10	0.77	309	<1	<0.01	8	270	48	5	<20	8	0.20	<10	57	<10	1	76
54	L7900 - 1 + 00	E	<5	<0.2	1.05	20	70	<5	0.08	<1	15	18	20	2.69	30	0.31	867	<1	<0.01	17	660	98	<5	<20	6	0.08	<10	15	<10	9	137
63	L7900 - 3 + 25	E	<5	<0.2	2.56	20	75	<5	0.11	1	41	15	114	4.72	<10	0.33	1698	1	0.01	28	960	78	<5	<20	9	0.14	<10	26	<10	10	479
71	L7900 - 0 + 50	W	<5	<0.2	2.53	5	30	<5	0.04	<1	4	6	<1	1.26	<10	0.06	27	<1	0.01	3	650	42	<5	<20	6	0.11	<10	20	<10	4	17
80	L7900 - 2 + 75	W	<5	<0.2	1.67	25	60	<5	0.11	<1	10	19	23	3.28	40	0.59	262	<1	<0.01	15	1180	88	<5	<20	8	0.09	<10	30	<10	22	68
89	L7900 - 5 + 00	W	<5	<0.2	2.15	120	60	<5	0.15	<1	45	46	62	5.06	20	1.33	1246	2	<0.01	35	640	118	<5	<20	8	0.06	<10	53	<10	16	113
98	L8200 - 0 + 75	E	<5	<0.2	3.99	10	35	<5	0.06	<1	6	7	8	2.08	<10	0.09	78	<1	0.02	4	750	54	<5	<20	9	0.15	<10	27	<10	7	12
106	L8200 - 2 + 75	E	<5	<0.2	1.74	5	45	<5	0.04	<1	7	10	8	2.19	<10	0.18	171	<1	<0.01	7	500	49	<5	<20	5	0.12	<10	24	<10	3	46
115	L8200 - 5 + 75	E	<5	0.4	2.57	70	75	<5	0.17	<1	11	23	22	3.33	20	0.39	438	2	0.01	17	1420	110	<5	<20	9	0.09	<10	34	<10	11	157
124	L8200 - 8 + 00	E	-	0.4	3.35	45	130	<5	0.11	<1	17	36	79	7.35	<10	1.01	455	1	0.01	12	1680	98	<5	<20	12	0.19	<10	65	<10	8	138
Standard:																															
GEO 96			150	1.2	1.76	60	150	<5	1.74	<1	20	60	73	3.96	<10	0.98	697	<1	0.02	22	700	24	<5	<20	54	0.11	<10	77	<10	4	70
GEO 96			150	1.8	1.89	55	160	<5	2.11	1	23	72	76	4.08	<10	1.07	760	<1	0.02	24	760	24	<5	<20	57	0.14	<10	88	<10	2	79
GEO 96			150	1.4	1.87	60	150	<5	1.91	<1	20	66	71	4.38	<10	1.03	753	<1	0.02	25	770	24	<5	<20	51	0.12	<10	81	<10	2	66
GEO 96			150	1.2	1.95	60	160	<5	2.07	1	23	71	74	4.09	<10	1.07	760	<1	0.02	24	760	24	<5	<20	56	0.14	<10	87	<10	3	75

df/1059/1059a
XLS/96Toklat

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

APPENDIX IV

Thin Section Results

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph.D. Geologist
CRAIG LEITCH, Ph.D. Geologist
JEFF HARRIS, Ph.D. Geologist
KEN E. NORTHCOTE, Ph.D. Geologist

P.O. BOX 39
8080 GLOVER ROAD,
FORT LANGLEY, B.C.
V0X 1J0
PHONE (604) 888-1323
FAX. (604) 888-3642

PETROGRAPHIC REPORT ON 7 THIN SECTIONS FROM GREENLAND CREEK PROJECT

Report for: Tim J. Termuende, President
Toklat Resources Inc.
2720-17th Street South
Cranbrook, B.C. V1C 4H4.

Invoice 960487

Aug. 27, 1996.

SUMMARY:

Seven samples from the two week mapping program were selected for thin sectioning to check alteration mineralogy tentatively identified macroscopically in the field. The "albitite" (CL028) turns out to be principally ?silicified; the sericite-pyrite altered rock (CL028a) turns out to be **strongly silicified** (+/- epidote, tourmaline, muscovite and pyrite). Although both rocks contain feldspar (plagioclase and lesser to trace K-spar) there is little evidence for albitization in either. The **fragmental** (CL034) is not silicified, but appears to be moderately **muscovite or sericite altered** (feldspar is absent, although biotite is still present).

Garnet is confirmed in CL063 from the postulated lower-middle Aldridge contact at the headwaters of Doctor Creek, and it may be Mn-rich to judge by the colour (pale pink to white); this is significant given the general restriction of Mn-garnet to the Sullivan-North Star corridor. However, this **?spessartine garnet** is in a granophyric rock that appears to be derived by alteration of ?gabbro (it is rich in amphibole and accessory apatite and opaques).

The sample of quartz vein containing a dark mineral, from gabbro near Echo Lake, does contain schorlitic (Fe-rich) **tourmaline** as suspected, not amphibole. Significantly, the sample from the best-mineralized area on the DOC claims (dark and fine-grained; thought to be a ?volcanic) is actually a **tourmalinite** (?intermediate dravite-schorl-quartz-?carbonate-muscovite-limonite). The possible presence of ?Fe- and Mn-rich carbonate, and possibly less Fe-rich character of the tourmaline, could be of exploration significance (possibly indicating an ?exhalative tourmalinite) and need to be checked by microprobe work.

Interlayered dark **tourmalinite** and white **albitite** from near Fish Lake (polished slab) contains relatively Fe-rich schorl, not dravite-uvite as normally seen in albite recrystallized tourmalinite at Sullivan; the interlayering of albitite and tourmalinite is also unusual and of uncertain significance.

C. Leitch, Ph.D. P. Eng.

CL005: "ALBITITE" (PLAGIOCLASE-MUSCOVITE-BIOTITE-EPIDOTE-TOURMALINE ROCK CUT BY DARK BIOTITE-RUTILE/SPHENE, WHITE KSPAR-CHLORITE FRACTURES)

Pale buff-brown fine-grained rock with faint layering, containing white lenses (distinctly harder), and cut by rare cream-coloured and also dark fractures. Mapped in the field as a distinct layer interbedded with strongly sericite-pyrite altered sediment, softer than steel but no reaction to cold dilute HCl. Non-magnetic; trace stain for K-feldspar along fractures. Modal mineralogy in thin section is approximately:

Plagioclase (?oligoclase-albite)	80%
Muscovite	15%
Biotite	2-3%
Epidote, trace allanite	<1%
Tourmaline (schorlitic)	<1%
Chlorite	<1%
Sphene, rutile	<1%
K-feldspar (fractures)	<1%
?Clay (after plagioclase)	<1%
Zircon	tr

This sample appears to be an "albitite"; the bulk of it consists of finely laminated silt-sized (<0.1 mm) plagioclase ?detrital grains or secondary crystals, with lesser mica (muscovite and biotite) and minor epidote and tourmaline. Muscovite forms euhedral flakes to 0.15 mm diameter; biotite, generally less than 0.1 mm. Epidote forms subhedral crystals to 75 microns lacking pleochroism (Fe-poor, ?clinozoisite). Tourmaline crystals are euhedral and up to 0.3 mm long, with brown pleochroism suggesting moderately high Fe content (Fe/Fe+Mg, or F/M, ratio around ?0.7). Twinning in the plagioclase is relatively rare, making it hard to make positive identification for any given grain; however, interference figures are always biaxial, indicating that quartz (which is uniaxial) is mainly absent. Composition is difficult to determine given the small size of the crystals and the absence of quartz to compare refractive index with, but maximum extinction on 010 up to 12 degrees suggests oligoclase-albite. Note that not all "albitite" is composed of albite; at Fors, oligoclase and even andesine are commonly found. Accessory sphene and rutile form euhedral crystals to 25 microns, commonly aggregating to 0.1 mm. Rare ?detrital zircon crystals are up to 50 microns long.

The white areas are mainly plagioclase (subhedral crystals to 0.15 mm), but with less muscovite (euhedral flakes to 0.1 mm) and partly chloritized biotite (shreddy flakes to 75 micron), plus traces of epidote (subhedral crystals to 50 microns) and tourmaline (similar to that in the main part of the rock).

Dark fractures are composed of biotite to 0.25 mm, rutile and sphene to 30 microns, plus traces of ?allanite (to 50 microns; surrounded by pleochroic haloes in the biotite). White fractures seem to mainly cored by traces of fine (20 micron) K-feldspar, or in places chlorite (length-slow; moderately Fe-rich), and surrounded by narrow envelopes of minor clay alteration of plagioclase. Both these types of fractures are common in the Aldridge; the former are earlier, possibly Aldridge time, but the latter are likely much later. The significance of this sample is that it is a well-defined layer of albitite interlayered with strongly pyrite-sericite altered rock.

CL028: ?SILICIFIED QUARTZ-MINOR MUSCOVITE-BIOTITE-TOURMALINE ARENITE

White to creamy buff, massive rock with faint dark laminations that is harder than steel, non-magnetic, and shows no reaction to cold dilute HCl; there is minor stain for K-feldspar. Modal mineralogy in thin section is approximately:

Quartz (detrital and ?secondary)	70%
Plagioclase (?albite)	10%
Muscovite	10%
K-feldspar	5%
Tourmaline (schorlitic)	1-2%
Biotite	1-2%
Epidote-group (zoisite-clinozoisite)	1%
Sphene, rutile	<1%
Allanite, zircon	<1%

This sample consists essentially of a framework of detrital quartz (significantly recrystallized) with interstitial feldspar, mica and lesser tourmaline and minor epidote-group mineral and accessories.

Quartz forms sub- to anhedral crystals rarely over 0.3 mm in diameter that appear to be strongly recrystallized (probably both overgrown by ?secondary silica, and metamorphosed); common triple junctions suggest annealing.

Plagioclase forms subhedral crystals rarely over 0.1 mm in size between the quartz crystals; relief below that of quartz but above that of K-feldspar suggests an albitic composition; twinning is only rarely visible. Most K-feldspar crystals (subhedral, less than 0.1 mm) are clear, whereas plagioclase is partly clouded by micron-sized clay particles; also, the presence of most of the muscovite (subhedral flakes to 0.15 mm) in the same interstitial position to quartz as plagioclase suggests there may be some sericitization of albite. Traces of zoisite-clinozoisite forming ragged aggregates to 50 microns diameter, found in the same position, also suggests alteration of ?originally more calcic plagioclase feldspar. Biotite occurs as subhedral flakes up to 0.25 mm diameter, concentrated along rare laminae with minor tourmaline, sphene-rutile, and rare allanite.

Tourmaline forms euhedral prisms up to 0.2 mm long generally with brown to pale greenish pleochroism suggesting moderately Fe-rich composition (Fe/Fe+Mg, or F/M, of around ?0.6-0.7). Sphene, both along biotitic laminae and disseminated, forms subhedral crystals to 0.1 mm generally cored by 25 micron rutile. Allanite (REE-bearing epidote) forms sub- to euhedral crystals to 0.15 mm in places surrounded by radiation-damaged haloes in adjacent biotite.

This sample was collected from a zone thought to be strongly albitized (white, hard, massive, near a gabbro contact zone) but the thin section does not confirm this, as the abundance of feldspars is roughly the same as average lower Aldridge sediments, there is no evidence of replacement of quartz by albite, and K-spar is present (K-spar is generally absent from albitized rocks at Sullivan). Instead, the rock appears to be somewhat silicified.

CL028a: QUARTZ-EPIDOTE-MUSCOVITE-TOURMALINE-PYRITE ALTERED QUARTZ ARENITE, OXIDIZED TO LIMONITE-HYDROBIOTITE

Buff to grey-brownish (but white-weathering), massive, altered-looking rock with pyrite in both "spots" of alteration and along rare fractures; limonite formed by oxidation of pyrite. Traces of K-feldspar are associated with the spots (stain yellow in etched slab). The rock is not magnetic and shows no reaction to cold dilute HCl. Modal mineralogy in thin section is approximately:

Quartz (detrital and partly secondary)	75%
Plagioclase (altered to zoisite-clay)	10%
Zoisite-clinozoisite, allanite	5%
Biotite	2-3%
Muscovite	2-3%
Tourmaline	1-2%
Sphene, rutile	<1%
Opaque (?mainly pyrite)	<1%
Hydrobiotite/limonite	<1%
K-feldspar, chlorite	<1%
Zircon, apatite	tr

As in CL028, this rock appears to be silicified rather than albitized, although it was collected from a zone thought to be sericite-pyrite+/-albite altered. Quartz occurs as subhedral crystals up to 0.6 mm in diameter with ragged outlines that appear to have overgrown original detrital crystals and partially replaced feldspar. Silicification looks to be stronger than in CL028; annealing as indicated by triple junctions is less obvious. Most feldspar is interstitial, forming fine (25-50 micron) anheeral crystals that are almost all partially altered to very fine (5-15 micron), ragged ?epidote-group mineral, likely zoisite-clinozoisite, and micron-sized clay. Relief near that of quartz suggests plagioclase is not albite, but is more calcic. K-feldspar forms similar fine subhedral crystals with low relief.

Micas include both biotite (away from alteration "spots") and muscovite in the spots and tourmalinite-rich areas. Both micas form euhedral to subhedral flakes up to 0.2 mm in diameter and appear to have an antipathetic relation (as in Sullivan muscovite alteration). Tourmaline forms subhedral crystals to 0.25 mm with medium brown to rarely green pleochroism suggesting moderate F/M around ?0.5-0.6; tourmaline is most common along certain laminae up to 2 mm thick that are associated with stronger silicification, muscovite, and spots of opaque (?mainly pyrite, subhedral crystals to 0.25 mm) and epidote-group mineral (euhedral crystals up to 0.5 mm, likely zoisite and/or clinozoisite with minor REE-bearing zoisite or allanite) plus minor sphene/rutile as euhedral 50-100 micron crystals and rare Mg-rich chlorite (euhedral crystals to 0.15 mm). Accessory euhedral (?detrital) zircons and rounded apatite are up to 65 microns long.

Along and near fractures the rock is altered to a mixture of brownish ?hydrobiotite and limonite, possibly partly *in situ* after pyrite and partly transported. In summary, 1) alteration "spots" are similar in composition (secondary quartz-zoisite/clinozoisite-sphene/rutile-muscovite-opaque) to weak, distal alteration seen on North Star Hill near the Sullivan deposit; however, tourmaline is unusually abundant here, and the sulfide is pyrite rather than pyrrhotite; also, silicification appears to be unusually strong compared to Sullivan.

CL034: MUSCOVITE (SERICITE)-ALTERED FRAGMENTAL; RARE SULFIDE CLASTS

Orangey-brown and grey fragmental (subrounded to rounded clasts to about 2 cm size; rare sulfide-rich clasts). Non-magnetic, no reaction to cold dilute HCl; no stained offcut for K-feldspar. Modal mineralogy in thin section is approximately:

Quartz (mainly detrital)	50-60%
Muscovite (sericite)	25-30%
Biotite	15%
Sphene/rutile	1%
Tourmaline (schorlitic)	<1%
Opaque (?sulfide, limonite)	<1%
Chlorite (after biotite)	<1%
Zircon, apatite, allanite	tr

Quartz forms subrounded to subangular detrital grains (ranging in size from silt-sized 25 micron grains to clasts of 0.6 mm). Most grains show scalloped overgrowths at margins. Micas consist of intimately mixed muscovite and biotite of 25 micron to rarely 0.25 mm diameter (the latter may be detrital mica flakes). Proportions range from 90/10 muscovite to biotite to about 50/50. Biotite is rarely chloritized (length-slow to zero birefringence indicating F/M about 0.5). Pleochroic haloes in chlorite surround minute (5-20 micron) crystals of ?allanite. Scattered clots consist of sphene (subhedral, to 0.15 mm) cored by rutile (euhedral, to 50 microns), in places associated with opaque to 0.15 mm (probably mainly limonite, after sulfide). Tourmaline forms rare euhedral brown to pale greenish crystals to 0.1 mm, likely fairly iron-rich (F/M ?0.6). Rare accessory zircon and apatite are up to 50 microns in size.

Clasts are rounded to ellipsoid or flattened (sheared in some cases) and heterolithic, ranging from quartz-sericite rich to biotite-rich. Unfortunately, no sulfide-rich clasts were cut in the thin section. Although the clasts appear to roughly represent the normal mix of sediment types in the Aldridge (laminated quartz arenite to massive mica-rich), there does not appear to be any feldspar present, suggesting the rock is muscovite (sericite) altered, but not strongly. The silicification of CL028/28a is not present. Minor oxidation to limonite imparts the orangey colour to parts of the rock.

CL063: GARNET-BEARING AMPHIBOLE-BIOTITE-QUARTZ-FELDSPAR-EPIDOTE ?GRANOFELS ALTERED SEDIMENT OR GRANOPHYRIC ALTERED GABBRO

Dark grey-greenish, fairly mafic rock with slight foliation collected to check for garnet (pale pink to white, scattered <1 mm crystals) in a rusty horizon near the projected LMC at the headwaters of Doctor Creek. The rock does not react to cold dilute HCl, but shows minor yellow stain for K-feldspar and trace magnetism. Modal mineralogy in thin section is approximately:

Quartz	30%
Plagioclase	20%
Amphibole	20%
Biotite	15%
Garnet (?spessartine-rich)	5%
Epidote-group (?clinzoisite)	5%
Apatite	2%
Opaque	1-2%
Chlorite	1-2%
Sphene	<1%
K-feldspar	<1%

It is difficult to be sure of the proportions of quartz and feldspar in this sample (quartz forms more subhedral crystals up to 0.25 mm size; plagioclase has relief very close to or slightly above that of quartz but tends to be more anhedral and generally finer, but rarely is subhedral and up to 0.5 mm). Extinction angles to twinning, where rarely visible in the plagioclase, also suggest a composition near oligoclase. Although pale yellow stain, suggesting K-feldspar, is seen in the etched slab, only very rare low-relief feldspar is detected in thin section.

Amphibole forms sub- to euhedral bladed crystals up to about 0.5 mm size with deep sea-green pleochroism and small extinction angle indicating ?actinolitic composition, common in the Moyie sills of the area. Minor chlorite (likely after amphibole) forms subhedral flakes to 0.3 mm diameter (length-slow; probably Fe-rich with F/M about ?0.6).

Biotite is significant, forming eu- to subhedral deep brown flakes to 0.3 mm diameter; this is one of the hallmarks of "granophyre" in the Sullivan area, whether developed after sediment adjacent to gabbro or along the margins of the gabbro itself. The other hallmark, of micrographic-textured quartz and feldspar, is absent in this sample.

Possibly also significant to exploration is the presence of subhedral garnet to 1 mm diameter; although the composition is not determinable in thin section, the colour in hand specimen suggests spessartine-rich composition. Occasional laminae along the foliation or in places ?fractures are rich in fine-grained (0.1-0.2 mm) subhedral Fe-poor epidote (clinozoisite), associated with abundant biotite. Accessory sphene (rounded crystals to 0.2 mm) and rare zircon to 150 microns are also found along these areas.

Significant apatite is present as euhedral prisms to 0.25 mm long, generally associated with the plagioclase-rich areas. This, together with relatively abundant fine opaque (25-50 micron, aggregating in places to 0.75 mm with euhedral outlines suggestive of former ?magnetite and/or ilmenite), and the abundance of amphibole, suggest this rock is derived from a gabbro, although it could be from the immediate contact area with sediments.

Echo Lake: QUARTZ-TOURMALINE VEIN CUTTING GABBRO

Sample of white quartz vein containing black ?amphibole or tourmaline along ?layers or fractures, apparently ptygmatically folded. Not magnetic, no reaction to cold dilute HCl or stain for K-feldspar. Modal mineralogy in thin section is approximately:

Quartz	90%
Tourmaline (schorl)	10%
Hydrobiotite	<1%
Opaque	tr

Quartz forms sub- to anhedral interlocking crystals, mostly unstrained (trace undulose extinction) but cut in places by narrow (0.1-0.2 mm) zones of mild recrystallization. Minor development of triple junctions indicates annealing.

Tourmaline crystals are euhedral to subhedral and up to 2 mm long, with pale blue-green to khaki-brown pleochroism and colour zoning suggesting fairly Fe-rich composition (schorl, F/M ?0.7-0.8). The crystals vary from randomly oriented in rounded clots up to 0.5 cm across, to aligned along narrow (0.5 mm) zones.

Rare opaques are subhedral and up to 50 microns in diameter, and there are traces of ?hydrobiotite as fine (20 micron) flakes in patches up to 100 microns across, interstitial to quartz.

The origin of the tourmaline in this sample is not clear; similar coarse, Fe-rich tourmaline is common along margins of gabbro bodies at Sullivan, where it is clearly the product of recrystallization of former (very fine-grained, 10 micron) tourmaline in tourmalinite. However, on the Greenland Creek property tourmaline is commonly found in quartz veins cutting the gabbros.

DOC-V: TOURMALINE-QUARTZ-?CARBONATE-LIMONITE-MUSCOVITE ROCK, POSSIBLY A METAMORPHOSED ?EXHALATIVE TOURMALINITE

Dark brown, fairly soft (partly scratched by steel), limonitic rock that hosts significant vein mineralization at the DOC showings; thought in the field to be a ?volcanic rock. The rock is not magnetic, shows no stain for K-feldspar, and does not react to cold dilute HCl. Modal mineralogy in thin section is approximately:

Tourmaline (intermediate dravite-schorl)	50%
Quartz	25%
Limonite (possibly after ?siderite)	10%
?Carbonate (possibly ankerite or siderite)	7%
Muscovite	5%
Opaque	2-3%

In thin section, this rock does not appear to be a volcanic; instead, it seems likely to have been a tourmalinite, possibly of a stratabound exhalative type, and as such of exploration significance.

Tourmaline is abundant, forming euhedral barrel-shaped to elongate crystals up to 0.5 mm long with pale greenish to orangey-brown pleochroism suggesting intermediate dravite-schorl compositon (F/M ?0.5-0.6). The composition is important, since more Mg-rich compositions are typically associated with massive sulfide mineralization (primary tourmaline at Sullivan has F/M about 0.4-0.5). The crystals do not display significant colour zonation, but their size suggests significant recrystallization compared to other tourmalinites known in the Aldridge (e.g., at Sullivan or Fors).

Quartz forms subhedral interlocking 30-60 micron crystals interstitial to the tourmaline, that do not appear obviously detrital; they could be metamorphosed hydrothermal (exhalative), or recrystallized detrital. Minor muscovite forms sub- to euhedral flakes up to 0.15 mm diameter, intergrown with the quartz.

The rusty material imparting the brown colour to the rock is mainly amorphous limonite that appears in most cases to be developed after ?Fe-rich carbonate, such as ankerite or siderite, forming subhedral crystals up to 75 microns in diameter. There are also minor quantities of very fine (1-5 micron) opaque, possibly ?carbonaceous matter.

This sample would benefit from further study, either by a) X-ray analysis (to determine if carbonate is in fact present) coupled with whole-rock chemical analysis (to determine if it is Mn-rich), or b) by cutting a polished thin section and subjecting it to microprobe or scanning electron microscope (SEM) analysis to determine both tourmaline and ?carbonate composition. In both cases this would require sending sample material out, in a) to Jim McLeod at Cominco Exploration Research Laboratory (1486 East Pender Street, Vancouver, B.C.; 682-0611), or in b) to Jim Clark at IXION Research Group (4450 rue Fabre, Montreal, Quebec; 514-528-1688). The latter approach would be more informative, but also more expensive (perhaps $200).

#7: INTERLAYERED TOURMALINITE/ALBITITE, CUT BY ALBITE AND TOURMALINE-RUTILE FRACTURES

A polished slab was prepared from this sample, which was taken about 500 m northeast of Fish Lake from apparently interlayered black tourmalinite and white albitite, cut by dark fractures. The rock is harder than steel, not magnetic, does not react to cold dilute HCl, and shows no stain for K-feldspar in theetched slab. Modal mineralogy in thin section is approximately:

Plagioclase (?albite)	50%
Tourmaline (schorlitic)	40%
Muscovite	5-7%
Rutile	2%
Apatite	<1%
Biotite	<1%
Opaque, limonite	<1%
Zircon	tr

Dark portions of this rock consist of about 50% tourmaline in a matrix of ?plagioclase and minor muscovite; light portions consist of 90% plagioclase with scattered crystals of tourmaline and muscovite.

Tourmaline forms euhedral slender prismatic crystals rarely over 1.25 mm long, with dark brown to patchy green pleochroism suggesting high schorl content (F/M ?0.8), zoned from slightly paler cores to darker rims. Muscovite forms ragged to subhedral flakes generally less than 0.2 mm in diameter, rarely intergrown with minor pale brown biotite to 0.1 mm. Significant amounts of TiO_2 mineral (mainly dark brown to almost opaque ?rutile, minor ?sphene) as eu- to subhedral crystals to 0.15 mm (very coarse) are found both along laminations and along the dark fractures, with tourmaline, minor muscovite and rare apatite (subhedral to rounded crystals to 0.15 mm) and limonite. These fractures are significant in containing tourmaline, but appear to cut plagioclase veinlets (see below). Hydrothermal TiO_2 minerals (mainly sphene) are known at Sullivan, and imply unusual mobility of titanium.

Plagioclase forms sub- to anhedral interlocking crystals generally less than 0.1 mm in diameter and lacking twinning; no quartz is visible by relief difference, but could be present if the plagioclase composition is oligoclase. Only in narrow (0.2 mm) veins can twinning be seen in recrystallized crystals to 0.25 mm size; here extinction Y^010 of about 14-15 degrees suggests a composition of albite. Since there is no relief difference between these crystals and adjacent wallrock plagioclase, it is likely that all plagioclase is albitic and that no quartz is present. If so, then this is a thoroughly hydrothermally altered rock (only at Sullivan and Fors does all detrital quartz disappear during alteration). The interlayering of tourmalinite and albitite, or albitite hosting tourmaline, so common on the Greenland Creek property, is *not* seen at Sullivan except above the orebody where tourmalinite is clearly recrystallized and altered by later albite. This relation (later albite) does not seem obvious at Greenland Creek, although the tourmaline is clearly recrystallized. The Fe-rich tourmaline could be the result of nearby gabbro intrusions (most tourmalinite localities seen are not far from gabbro sills or dykes); or, the primary (fine-grained) tourmaline may have been more Fe-rich than at Sullivan. Also note that later albite alteration at Sullivan generally alters tourmaline composition to dravite-uvite (Mg-Ca rich).

APPENDIX V

Rock Sample Descriptions

Rock Sample Descriptions-Doctor Creek Area

TTRT96-01: grab: Roundtop/Alpine area: sp, ga within leached sediments.

TTRT96-02: c.c./1.5m: Roundtop/Alpine area: as above.

TTDC96-01: grab: Extremely rusty-weathering, weakly sericitized black argillite.

TTDC96-02: grab: as above.

TTDC96-03: c.c./.30m: quartz vein; 180/65W; qzite-hosted; pinches out upslope, x-cutting; no visible sx.

TTDC96-04: grab: quartz vein subcrop; extremely limonitic; locally sericitized.

TTDC96-05: float: ga-mineralized; 3-5 cm in width; minor ga, aspy within limonitic boxwork within vein selvage.

TTDC96-06: float: as above, located 100m east, along contour. Vein ~ 20cm wide, mineralization occurs within boxwork selvage. Vein(s) hosted by grey quartzite.

TTDC96-07: float: as above, with intersecting vein orientations, 3-5% py, minor ga within qzite host.

TTDC96-08: c.c./5.0m: located along ridge crest. Stockwork veining within sericite-altered qzite; creamy coloration. Veins spaced ~15-20cm, 1-2 cm in width, oriented 165/55W. No visible minz'n.

TTDC96-09: grab: bright yellow, sericitic rubble from vein near ridgetop (2470m). Appears to be in tight fold nose.

TTDC96-10: float: 2420m; ?sp within qz. Crackly bull qz with rusty partings, ?sp as fine, felted clusters up to 1 cm in diameter.

TTDC96-11: subcrop: Tourmalinite Ridge; ga, sp, hosted by qz.

TTDC96-12: grab: Tourmalinite Ridge: tourmalinite; scorodite-filled vesicles,1-2mm in diameter. Highly fissile, black-brown coloration. No visible sulphides. Located 15m N of TTDC96-11

TTDC96-13: grab: Tourmalinite Ridge: ga, sp in qz vein material. Located 100m NE of TTDC96-12

TTDC96-14: grab: Tourmalinite Ridge: ?sp- ribbon-bands 2cm thick within quartz host.

TTDC96-15-32: C.C./10m: Tourmalinite Ridge: continuous-chip samples across tourmalinite material. Sample line oriented 160°, series increasing northward.

TTDC96-33: c.c./1.5m: footwall qzite to tourmalinite material.

TTDC96-34: grab: leached, sericitized footwall qzite 50' below tourmalinite contact.

TTDC96-35: grab, 2445m: Small exposure of tourmalinite material below main body. Assoc. with quartz veining.

TTDC96-36: Base of tourmalinite unit interlayered with qzite and ?albite.

TTDC96-37:subcrop, 2410m: dark brown, fine-bedded material. More massive, blocky than upslope exposure.

TTDC96-38: subcrop: high-grade pb, ag, scorodite, within qz material.

TTDC96-39: float: tourmalinite material below 2320m.

TTDC96-40: grab: black argillite ?(tourmalinite) from head of creek valley.

TTDC96-41: grab: as above.

CDRT-01: rock/in situ; Rocky Top road showing;rusty quartz with cpy, galena

CDRT-02: rock/in situ Rocky Top road showing;select sample;stratiform qtz vein with pyrite, hematite;

CDRT-03: rock/in situ Rocky Top road showing;select sample;coss cuttingtz vein with pyrite, hematite;

CDDOCR-1: DOC 19 claim group;rock/in situ;chloritic phyllite/argillic alteration;bleached;qtz flood;5% buckshot pyrite;

CDDOCR-2: DOC 19 claim group;rock/float;chloritic phyllite with qtz veining;1% diss.py; tr.cpy;

CDDOCR-3: DOC 19 claim group;rock/in situ;rusty qtz vein with 2% diss.py;

CDDOCR-4: DOC 19 claim group;rock/in situ;rusty phyllite near Reesor LMC;3-4% pyritr+/- hematite after pyrite;local small boxwork;

CDDOCR-5: DOC 19 claim group;rock/float;large qtz vein intruding phyllite;qtz carries sericite,chlorite,tr.diss.py,hematite;

CDDOCR-6: DOC 19 claim group;rock/float;large boulder of rusty qtz with 10 % pyrite,sericite,chlorite;

CDDOCR-7: DOC 20 claim group;rock/in situ;quartzite;v.fine grained;light green;1% diss pyrite;4-5% diss.sericite;rusty weathering looks gossanous from afar;

CDDOCR-8: DOC 20 claim group;rock/in situ;conglomerate?small to large clasts of qtz in fine grained blue-green siliceous matrix;1-2% f.diss.po,py;

CDDOCR-9: DOC 20 claim group;rock/in situ;SKARN;at top of narrow ridge;bright green skarn mineral with qtz eyes and arsenopyrite;

CDCOR96-01: CORE 2 claim group-Echo Lake area;rock/in float;mafic intrisive with sulphides;med.grained,dark green,chloritic intrusive;5% hblnde;3% po on fractures,local diss;2% diss py;0.5% diss cpy;

CDCOR96-02: CORE 2 claim group-Echo Lake area;rock/float;quartz vein with sulphides;rusty qtz vein with 50-75% pale silver-white(fresh) to weathered purple, f.grained, soft (2.5), soft black-green streak, sulphide mineral,rock not particularly heavy for amount of sulphide;distinct peacock bloom-bornite;

CDCOR96-03: CORE 2 claim group-Echo Lake area;rock/in situ;gneiss;weakly metamorph-osed, laminated f.gr.siltstone or v.f.gr.qtzite;laminations have black biotite developed along lamination planes;o/c is well bedded at 116/74E;weakly bleached,possibly albitized;

CDCOR96-04: CORE 2 claim group-Echo Lake area;rock/in situ;quartzite;fine grained,weakly laminated;distinct typical orange weathering rind;well bedded at 133/55NE;f.gr.rusty diss. possibly after pyrite;

CDCOR96-08: FIN 3 claim group,headwaters of Doctor Creek;rock/in situ;near Reesor LMC;siltstone;fine grained,med.to light grey(bleached?);rusty weathering stain on surface and fractures;fractures have rusty qtz. with sericite,tr.pyrite,bedding 080/58 NW;

CDCOR96-09: FIN 3 claim group,headwaters of Doctor Creek;albitized siltstone; f.grained; moderate albitization;mm microveinlet stockwork has rusty weathering;rusty surface weathering;

CDCOR96-17: DOC 4 claim group,headwaters of Doctor Creek area;rock/in situ; metaquarzite;f.grained;sericite,biotite;30% qtz;distinct yellow surface weathering stain;

CDCOR96-18: CORE 1 claim group,headwaters of Doctor Creek area;purple qtz in med.grained intrusive;qtz has sericite,chlorite,possibly trace aspy;

CDCOR96-19: FIN 3 claim group,headwaters of Doctor Creek area;rock/in situ;siltstone;fine grained,bleached white;4% fine rusty diss;deep orange rusty weathering rind;thinly laminated to thick bedded @ 246/22NW;

MWR1 Quartz float, disseminated fine grained pyrite

MWR2 Quartz vein, quartzite host

MWR3 Quartz float, disseminated fine grained pyrite, rusty and dense

MWR4 Intersecting quartz veins 10cm wide in cliff face. Pod of galena at intersection

MWR5 10cm quartz vein, sphalerite and chalcopyrite disseminations

MWR6 White quartz, chlorite altered blebs, limonite staining

MWR7 Quartz vein float, pyrite, chalcopyrite? rusty

MWR8 Intersecting quartz veins 10cm X 20cm wide

MWR9 Quartz vein, strong alteration, crumbly forms soil readily

MWR10 Quartz vein, montmorillite alteration

MWR11 Iron rich granophyre, very gossanous, float

MWR12 Quartz vein

MWR13 Quartz vein, iron rich

MWR14 Quartz vein, disseminated galena

MWR15 Intersecting quartz veins, galena, host fine grained quartzite, disseminated pyrite

MWR16 Limonite

MWR17 Quartz vein, no visible mineralization

MWR18 Bull quartz , gossanous

MBCR96-01 RUSTY OXIDIZED FLOAT

MBCR96-02 RUSTY OXIDIZED FLOAT

MBCR96-03 QUARTZ FLOAT

MBCR96-04 QUARTZ FLOAT

MBCR96-05 RUSTY BEDDED OUTCROP

MBCR96-06 RUSTY BEDDED SED VEIN APPROX 2 FT WIDE EXPOSED FOR 20-30 FT

MBCR96-07 RUSTY FLOAT WITH QUARTZ AND HEAVILY BAKED OR METAMORPHOSED

MBCR96-08 SEDIMENTARY SUBCROP

Rock Sample Descriptions-Middle Fork, Findlay Creek Area

TTMF96-01: float: leached, altered boxwork material. Bright-blue rxn with zinc-zap.

TTMF96-02: grab, 2440m: po-rich qz veinlet 126/45SW. 10 cm wide, within sericitized fragmental material. Po appears platey, mica-like.

TTMF96-03: float, 2395m: green, chloritic material with slickensides. Waxy, glassy crystals locally.

TTMF96-04: grab: as, (?ga) within qz material hosted by granophyre along SE edge of Fish Lake, located within 30m of fragmental contact.

TTMF96-05: c.c./10cm: 10cm-wide qz vein 145/80SW, contains 5% po ,(?as) within vein selvages. Hosted by granophyre, located along S. shore of Fish Lake.

TTMF96-06: grab: Metaseds on N. shore of Fish Ck, contain 2-3% po.

TTMF96-07:grab, 2175m: albite-altered material 50m S of Fish Creek.

TTMF96-08:float, 2155m: interlayered tourmalinite/ quartz (?albite); 1cm thick, repeated banding; bladed tour. crystals visible in vugs, trace sp?

TTMF96-09: float, 2205m: banded/?bedded albite, with 5-10% tourmalinite as randomly oriented, bladed crystals.

TTMF96-10: moss-mat: zinc-moss? from N side of Fish Lake.

TTMF96-11:grab: fine-bedded wacke; some rusty laminations; fine tourmalinite needles throughout.

TTMF96-12:grab,2305m: fault material from prominent structure along Fish Creek. 180/42W, same location as CDMFR-10

TTMF96-13: float, 2245m: po-rich qz in canyon below Fish Lake. 20-30% po.

TTMF96-14: float, 2385m: quartz-feldspar porphyry. No visible sx.

TTMF96-15: float: as above.

TTMF96-16: grab, 2530m: qz blow within gabbro. No visible sx.

TTMF96-17: c.c./5.0m: highly fractured qz vein 004/40E; possibly fault-related; some rusty fracture coatings.

TTMF96-18: float, 2520': minor py, chl, within qz material. Same area as Billiton sample with 3000 ppb Au.

TTMF96-19: float, 2535m: as above.

TTMF96-20: float, 2510m: pistachio-green, extremely dense, hornfelsed material, sucrosic texture, minor pyrite.

TTMF96-21: c.c./25cm: ga-rich qz vein hosted by gabbro. UTM 0552600/5535005. Up to 20% ga with scorodite in 20-50cm-wid vein oriented 100/70S.

TTMF96-22: grab, 2225m: qz vein-, either 2.5m wide, 130/90, or 1m wide, 130/40SW.

TTMF96-23: float, 2220m: extremely oxidized, goethitic boulder. Purple coloration, poorly lithified. Contains minor cp, non-magnetic. Likely vein related.

TTMF96-24: grab: massive py from boulder on N side of Fish Creek.

TTMF96-25-31: as above.

CDMFR-01: FIN 1 claim group, Fish Lake area; rock/in situ; quartz shear;200/34NW; hangingwall;qtz rich zone;80% qtz,10% mm shear p'll chloritic bands;tr cpy;2% ea. f.diss.po & py;

CDMFR-02: FIN 1 claim group, Fish Lake area; rock/in situ; quartz shear;200/34NW; chlorite/qtz footwall zone;30% streaky qtz-qtz eyes;60% chlorite flood;5-7% f.diss.po;tr.cpy;

CDMFR-03: FIN 1 claim group, Fish Lake area; rock/in situ; quartzite;v.fine grained; weak to moderate rusty weathering stain;

CDMFR-04: FIN 1 claim group, Fish Lake area; rock/in situ; intrusive-altered granodiorite?Fine to med.grained, equigranular to weakly porphyritic;20% small qtz eyes; strong biotite-chlorite flood/hornfels;

CDMFR-05: FIN 1 claim group, Fish Lake area; rock/in situ; quartz vein-quartz flood in intrusive;50% qtz;5% po;1% py;tr.cpy; margins have coarse selvage of chlorite +/- biotite;20% internal fragments of chloritic intrusive;

CDMFR-06: FIN 1 claim group, Fish Lake area; rock/in situ; quartz vein 200/40W;1.5m true thickness; white to yellow to grey banded to drusy qtz;5% coarsely diss.py;1% soft grey submetallic mineral-aspy?

CDMFR-07: FIN 1 claim group, Fish Lake area; rock/in situ; quartz vein 200/40W;1.5m true thickness;10m downstream from r-06;lens of massive po & py within qtz vein;

CDMFR-08: FIN 1 claim group, Fish Lake area; rock/in situ; quartz vein 200/40W;1.5m true thickness; same location as R-07;host qtz vein;0.5% po in fractures;

CDMFR-09: FIN 1 claim group, Fish Lake area; rock/in situ; better exposure of Jen quartz vein 20m downstream from R-08;quartz vein 200/40W;1.5m true thickness; banded to drusy quartz; large vugs have pyritic rims;R-09 is footwall zone microgranite?;10% mafic fragments;

CDMFR-10: FIN 1 claim group, Fish Lake area; rock/in situ;30m downstream from R-9; quartzite; 0v.fine grained, homogenous; yellow to rusty pervasive weathering rind;

CDMFR-11: FIN 1 claim group, Fish Lake area; rock/in situ;gossan; deep red-black hematite ferrocrete with qtz fragments;

CDMFR-12: FIN 1 claim group, Fish Lake area; rock/in situ;quartz lens with 0.5cm veins of po & py;

CDMFR-13: FIN 1 claim group, Fish Lake area; rock/in situ; fine grained metasediment? 20% chlorite-biotite flecks;strong pervasive rusty weathering rind;

CDMFR-14: FIN 1 claim group, Fish Lake area; rock/float; fragmental? massive partially weathered biotite and smokey qtz;mm scale laths may be feldspar; rare stubby barrel shaped crystals-tourmaline? abundant similar boulders in area;

CDMFR-15: FIN 1 claim group, Fish Lake area; rock/in situ; quartzite;v.fine grained;1% diss. po;

CDMFR-16: FIN 1 claim group, Fish Lake area; rock/in situ; albitization? hard, white,v.fine grained bedding parallel alteration within sediments;

CDMFR-17: FIN 1 claim group, Fish Lake area; rock/in situ; albitization?10m wide zone of albitization-bleaching, trend is x-cutting @ 046/steep to vertical northwest; zone intersects creek but is not throughgoing;

CDMFR-18: FIN 1 claim group, Fish Lake area; rock/in situ; quartz flood zone within zone of albitization; rusty grey to white quartz with biotite,0.5% coarsely diss.cpy;

CDMFR-19: FIN 1 claim group, Fish Lake area; rock/in situ; lens of massive po;2m x 30cm;bedding parallel @ 074/vertical;host is albitized qtz;

MWR19 Quartz vein in granophyre

MWR20 Strongly altered granophyre, extreme red, rusty weathering, disseminated pyrite

MWR21 Strongly altered granophyre, extreme red, rusty weathering, disseminated pyrite

MWR22 Quartz veining within granophyre

MWR23 Altered granophyre float

MWR24 Quartz vein, strongly altered granophyre

MWR25 Quartz vein float, fresh, arsenopyrite and pyrite, quartz is a bluish green

MWR26 Quartz vein ,galena blebs up to 1cm, vein 0.8m wide 10m long

MWR27 Fault zone in fresh gabbro, crumbly

MWR28 1.2 meter wide quartz pinnacle, radiating fibrous dark mineral, tourmaline?,ghost pyrite cubes up to 1cm

MWR29 Altered hanging wall granophyre

MWR30 Sugary grained quartzite, lineated

MWR31 Rusty weathered gabbro, limonite,jarosite,lineated

MWR32 Quartz float

MWR33 Altered quartz vein forming a pinnacle, gabbro host

MWR34 Altered quartz vein with pyrite

MWR35 Montmorillonite altered granophyre, thin rusty veinlets 1cm apart

MWR36 Quartz vein in gabbro

MWR37 Muscovite rich quartzite, vuggy and rusty

MWR38 Muscovite rich quartzite, vuggy and rusty

MWR39 Quartzite, limonite coated

MWR40 Quartzite, limonite coated

MBMF96-01 GABBRO WITH RUSTY QUARTZ VEIN

MBMF96-02 GABBRO WITH RUSTY QUARTZ VEIN AS ABOVE

MBMF96-03 RUSTY SEDIMENTARY FLOAT

MBMF96-04 RUSTY INTRUSIVE FLOAT

MBMF96-05 RUSTY SEDIMENTARY FLOAT

MBMF96-06 RUSTY QUARTZ FLOAT

MBMF96-07 RUSTY SEDIMENTARY FLOAT

MBMF96-08 RUSTY INTRUSIVE FLOAT

MBMF96-09 RUSTY INTRUSIVE FLOAT

MBMF96-10 RUSTY SEDIMENTARY FLOAT

MBMF96-11 QUARTZ VEIN APPROX. 1 FT WIDE EXPOSED FOR 15 FT

MBMF96-12 QUARTZ VEIN IN HEAVY RED OXIDIZED WALL ROCK

MBMF96-13 QUARTZ VEIN APPROX 1-3 FT WIDE EXPOSED FOR >150 FT WITH PYRITE EXPOSED

MBMF96-14 QUARTZ WITH PYRITE APPROX 1 FT WIDE EXPOSED FOR 6 FT

MBMF96-15 SEDIMENT WITH QUARTZ FLOODING,AND EXPOSED PYRITE WITH A STRONG BLUE COLOR

MBMF96-16 FAULT/ SHEAR WITH QUARTZ AND MICA.

CL001	o/c	sericite-pyrite altered
CL002	o/c	"albitite", near gabbro contact
CL003	flt	sericite-pyrrhotite altered
CL004	o/c	sericite-pyrite altered
CL005	o/c	white, hard; albitized in thin section
CL020	o/c	granophyre, very pyritic
CL021	o/c	fragmental
CL022	flt	tourmaline-quartz
CL023	flt	"albitite"
CL024	o/c	albite-calcite-amphibole layer, pyritic

CL025 flt	albite-tourmaline interlayered
CL026 flt	sericite-pyrite altered
CL027 o/c	siliceous, pyritic
CL027a	o/c sericite-pyrite altered
CL028 o/c	albitized, near gabbro contact (no geochem)
CL029 flt	albite-biotite +/- sericite, pyrite
CL030 o/c	sericite-pyrite altered
CL031 flt	tourmaline-albite-biotite
CL032 flt	tourmalinite
CL033 flt	granophyre, pyritic
CL034 flt	sericite-pyrite altered; no sphalerite
CL035 flt	biotite-albite altered
CL036 flt	sericite-pyrrhotite altered; no sphalerite
CL037 flt	"albitite"
CL038 flt	sericite-pyrite altered
CL039 flt	fragmental, sericite-pyrite
CL040 flt	fragmental, sericite-pyrite; no sphalerite
CL041 flt	sericite-pyrite altered
CL042 flt	sericite-pyrite altered
CL043 flt	sericite-pyrite altered

CL044 ? (location on airphoto between CL043/45)

CL045 flt rusty, sericite-pyrite altered

Appendix VI
Diamond Drill Logs

MAP SHEET 82F/16

DRILL HOLE LOG

LOCATION: MIDDLE FORK FINDLAY CREEK / FISH LAKE AREA	DRILL HOLE NO.: MF96-01
AZIMUTH: 022	ELEVATION: 7980' / 2432 m
INCLINATION: -55°	LENGTH: 657' / 200.3 m
	CORE SIZE: NQ
STARTED: SEPT. 12/96	
COMPLETED: SEPT. 15/96	
PURPOSE: TEST FOR FRAGMENTAL SEEN IN OUTCROP	

SURVEYS			
METREAGE	AZIMUTH	INCLINATION	CORR. INCLIN.
487' / 148.4 m			-56°

PROPERTY: CORE GROUP
CLAIM NO:
SECTION: UTM EAST 553090 NORTH 5534775 ± 33m
LOGGED BY: CCD
DATED LOGGED:
DRILLING CO.: AGRESSIVE
ASSAYED BY:

CORE RECOVERY:

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH m	ANALYSES (ppm) Ag	Cu	Pb	Zn				
0.0	7'/2.1m	CASING												
2.1	149	GABBRO		74.2	75.2	1.0	<0.2	157	4	80				
		fine grained chloritic intrusive; weakly to moderately												
		fractured 4-8/m. weakly developed (4-6/m) 1-2mm												
		width veinlets of qtz, qtz ± carbonate, calcite @ 40-50°												
		tca; fractures commonly have chlorite, calcite ± diss. pyrite;												
		rare epidote flooding over 1-3cm width zones, rare												
		epidote veining @ 40-55° tca; local biotite flooding -												
		biotite hornfels over 1-4 cm width intervals												
		assoc. c chlorite, ± qtz, calcite; locally porphyritic c												
		rounded quartz phenos;												
		75.2 - 76.3 QUARTZ VEIN / SHEAR		75.2	76.3	1.1	<0.2	114	2	22				
		first in a series of 0.5-2m width quartz												

Toklat Resources Inc.

METREAGE		DESCRIPTION	SAMPLE NO.	METREAGE		LENGTH	ANALYSES							
FROM	TO			FROM	TO		Ag	Cu	Pb	Zn				
		veins, weak shear zones; white to pale pink-grey		76.3	77.3	1.0	<0.2	113	6	79				
		v.f.gr. quartz; sharp contacts @ 35° tca; margins have												
		10-20 cm width chlorite ± biotite flood w/ 35° tca shear												
		fabric; quartz carries biotite, chlorite flecks w/ similar												
		35° tca shear orientation; fractures have chlorite ±												
		pyrite; 3% diss pyrrhotite; 2% pyrite;												
		78.0-78.4 QTZ VEIN / QTZ SHEAR												
		similar to above; sharp 35 tca contacts; 35%												
		biotite flood; tr. po; margins have biotite ± chlorite												
		flood;												
		82.7-83.2 FAULT/RUBBLE ZONE												
		fine to coarse angular clasts of chloritic gabbro in												
		a matrix of green-grey chloritic mud; upper												
		contact sharpe low angle (15) tca; lower contact		88.4	89.4	1.0	<0.2	61	12	77				
		indistinct;												
		89.4-90.7 : QUARTZ-CHLORITE VEIN		89.4	90.7	1.3	<0.2	28	4	39				
		white v.f.gr. quartz vein w/ 25% pale to												
		dark green chlorite; chlorite occurs as												
		fine diss. & acicular felted masses; sharp		90.7	91.7	1.0	<0.2	32	10	60				
		upper contact 12° tca; margins have chlorite												
		-biotite flooding; tr. diss po;												

Toklat Resources Inc.

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES Ag	Cu	Pb	Zn				
		94.7-114.9		99.2	100.2	1.0	<0.2	25	10	50				
		moderate siliceous flooding; chlorite flood												
		zones are green to green-blue in colour - 15%												
		fine, soft silvery flecks → sericite?; increase												
		in biotite flooding;												
		100.2-103.0 QUARTZ VEIN c̄ PYRRHOTITE		100.2	101.8	1.6	0.2	27	<2	15				
		v.f.gr. white to grey quartz vein; contacts sharp												
		45 tca; moderately fractured, fractures have crse diss												
		pyrite c̄ chlorite; quartz carries internal clasts of												
		biotite hornblende gabbro; 0.5% diss po, tr. cpy over												
		interval c̄ best section 102.2-103.0 c̄ 5% po, 0.5%												
		cpy, 2% pyrite;												
		101.8-102.2 DYKE?		101.8	102.2	0.4	<0.2	112	8	33				
		fine grained chloritic intrusive c̄		102.2	103.0	0.8	0.2	116	4	7				
		weak epidote flooding along contact		103.0	104.0	1.0	<0.2	56	8	48				
		margins; 0.5% diss pyrite;												
		109.0-114.9		113.4	114.9	1.5	<0.2	35	10	41				
		0.5% f.gr. pyrrhotite in small diss & patches;												
		114.4-116.4 FAULT - RUBBLE ZONE		114.9	116.4	1.5	0.6	12	30	24				
		strongly fractured angular clasts of gabbro and												
		quartz feldspar porphyry mixed c̄ minor												
		crush; contacts indistinct;												

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	Ag	Cu	Pb	Zn				
116.4	125.4	QUARTZ FELDSPAR PORPHYRY?, PEBBLE		116.4	117.9	1.5	0.8	12	22	14				
		DYKE?, GRANODIORITE?		123.9	125.4	1.5	0.4	7	28	21				
		medium grained, rounded to elongate white												
		to pale green to grey phenocrysts in a v.f. gr.												
		medium to dk. grey matrix. rock has intense												
		siliceous flood w pheno margins washed out-												
		muted; phenos are weakly imbricated @ 50°												
		tca; moderately fractured w pyrite, chlorite on												
		fractures; 5% large rounded xenoliths of dark												
		grey-brown, v.f. grained intrusive w 1% f.												
		diss py; 2-3% elongate biotite flecks; 0.5%												
		f. diss py; upper contact indistinct in												
		rubble zone; lower contact sharp @ 65° tca;												
		no veining;												
125.4	157.7	GABBRO		125.4	126.1	0.7	<0.2	44	8	59				
		as from 94.7-114.9; fine grained chloritic intrusive;		126.1	127.1	1.0	<0.2	60	4	43				
		moderately to weakly silicified; weakly porphyritic												
		w 10% small to medium subrounded quartz phenos;												
		10% strong biotite flood biotite hornfels; 0.5%												
		f. diss py; fractures have chlorite ± pyrite; 2%												
		quartz in 1-4mm randomly oriented veins.												
		fracture fill; 5-10% small soft f. grained silver												
		flecks → sericite? clay?;												

Toklat Resources Inc.

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES Ag	Cu	Pb	Zn				
		127.1-127.8 QUARTZ VEIN - QUARTZ SHEAR		127.1	127.8	0.7	<0.2	210	4	19				
		white to grey, v.f.gr. quartz c̄ chlorite, biotite;		127.8	128.8	1.0	<0.2	34	8	34				
		0.5% diss po, 0.5% diss pyrite;												
				135.9	136.9	1.0	<0.2	25	10	48				
		136.9-140.0 QUARTZ VEIN - QUARTZ SHEAR		136.9	137.5	0.6	<0.2	17	<2	10				
		white to grey v.f.gr. quartz; contacts sharp		137.5	138.3	0.8	<0.2	52	12	133				
		@ 29° tca; biotite and chlorite flood zones		138.3	140.0	1.7	<0.2	32	2	16				
		along margins; internally from 137.5-138.3												
		have moderately developed shear fabric @												
		29° tca; quartz carries 1-2% diss po;												
		140.0-142.6		140.0	141.5	1.5	<0.2	62	8	33				
		chlorite flood zone c̄ 25% quartz replacement,		141.5	142.6	1.1	0.2	97	22	48				
		3-4% diss po;												
		146.6-147.1 QUARTZ VEIN		146.6	147.1	0.5	<0.2	41	6	23				
		sharp contacts @ 35° tca; 0.5% diss po;		150.2	151.2	1.0	<0.2	15	10	33				
		151.2-153.1 QUARTZ VEIN		151.2	153.1	0.9	<0.2	12	4	10				
		white to grey, v.f.gr.; 0.5% diss po,												
		fractures have chlorite ± pyrite; contacts @												
		70° tca;												

Toklat Resources Inc.

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES Ag	Cu	Pb	Zn				
		153.1-153.5 FAULT, SHEAR / RUBBLE ZONE		153.1	154.5	1.4	<0.2	70	10	37				
		10 cm band of green-grey laminated chloritic		154.5	155.9	1.4	<0.2	42	8	44				
		mud followed by chloritic gabbro rubble; lamin-												
		ations - shear @ 75° tca;												
		155.9-157.7 QUARTZ VEIN ē CHLORITE PYRRHOTITE		155.9	157.7	1.8	<0.2	161	4	25				
		v.f.gr white to grey-pink quartz veins separated												
		by 10-15 cm width chlorite flood zones;												
		quartz veins have chlorite ± pyrite on fractures;												
		0.5% diss po, at 157.4 is 5 cm width massive												
		po lens ē trace cpy;												
157.7	200.3	GRANOPHYRE												
		fine to rarely med. grained, strongly chloritic-												
		chloritized intrusive; moderately siliceous;												
		weakly epidotic in places; 5% sericite flecks;												
		fractures have chlorite ± carbonate ± pyrite; local												
		qtz flood zones over 5-10 cm est 2% of interval;												
		1-2% po in disseminations, patches often												
		assoc. ē qtz flood zones, rare 1-2 cm width												
		qtz veins; 3-4% biotite hornfels-biotite flood;												
		1% pyrite in f-case diss on fractures;												

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	Ag	Cu	Pb	Zn				
		157.7 - 160.0		157.7	160.0	2.3	<0.2	69	8	53				
		strongly chloritized; 4-5% diss po, 2%												
		diss pyrite												
		160.0 - 160.5 QUARTZ FLOOD		160.0	160.5	0.5	<0.2	154	6	43				
		quartz flood zone with assoc. biotite		160.5	162.0	1.5	<0.2	78	8	47				
		flood; 6% po in patchy diss, 3-4% pyrites		171.5	173.0	1.5	<0.2	53	6	35				
		173.0 - 173.6 QUARTZ-PYRITE SHEAR		173.0	173.6	0.6	0.6	94	2	25				
		10° tca shear in quartz, 15% pyrite bands, 5%		173.6	175.1	1.5	0.2	67	8	44				
		po bands; margins are moderately epidotic;												
		weakly bleached over 30 cm;												
				198.8	200.3	1.5	<0.2	47	14	28				
		EOH 200.3 m												
		(657')												

RECOVERY

INTERVAL	CORE LOSS	% RECOVERY
0.0-7'/2.1m	CASING	
2.1-5.2	0.5	84
5.2-8.2	0	100
8.2-11.3	"	"
11.3-14.3	"	"
14.3-17.4	"	"
17.4-20.4	"	"
20.4-23.5	"	"
23.5-26.5	"	"
26.5-29.6	"	"
29.6-32.6	"	"
32.6-35.7	"	"
35.7-38.7	"	"
38.7-41.8	"	"
41.8-44.8	"	"
44.8-47.9	"	"
47.9-50.9	"	"
50.9-53.9	"	"
53.9-57.0	"	"
57.0-60.0	"	"
60.0-63.1	"	"
63.1-66.1	"	"
66.1-69.2	"	"
69.2-72.2	"	"
72.2-75.3	"	"
75.3-78.3	"	
78.3-81.4	"	
81.4-83.8	"	
83.8-86.9	"	
86.9-87.5	"	
87.5-90.5	"	
90.5-93.6	"	
93.6-96.6	"	
96.6-99.7	"	
99.7-102.7	"	
102.7-105.8	"	
105.8-108.8	"	
108.8-111.9	"	
111.9-114.9	"	
114.9-118.0	"	
118.0-121.0	"	
121.0-124.1	"	
124.1-125.9	"	
125.9-128.6	"	
128.6-130.1	"	
130.1-133.2	"	
133.2-136.2	"	
136.2-139.3	"	
139.3-142.3	"	
142.3-145.4	"	
145.4-148.4	"	
148.4-151.5	"	
151.5-154.5	"	
154.5-157.6	"	
157.6-160.6	"	100
160.6-163.6	"	"
163.6-166.7	"	"
166.7-169.8	"	"
169.8-171.3	0.1	98
171.3-174.3	"	100
174.3-178.3	"	"
178.3-181.4	"	"
181.4-181.7	"	"

RAG #2

INTERVAL	LENGTH
113.4-114.9	1.5
114.9-116.4	1.5
116.4-117.9	1.5
123.9-125.4	1.5
125.4-126.1	0.7

SAMPLE

INTERVAL	LENGTH	
74.2-75.2	1.0	RAG #1
75.2-76.3	1.1	RAG #1
76.3-77.3	1.0	RAG #1
88.4-89.4	1.0	RAG #1
89.4-90.7	1.3	RAG #1
90.7-91.7	1.0	RAG #1
99.2-100.2	1.0	RAG #1
100.2-101.8	1.6	RAG #1
101.8-102.2	0.4	RAG #1
102.2-103.0	0.8	RAG #1
103.0-104.0	1.0	RAG #1
126.1-127.1	1.0	
127.1-127.8	0.7	
127.8-128.8	1.0	
135.9-136.9	1.0	
136.9-137.5	0.6	
137.5-138.3	0.8	BFS
138.3-140	1.7	BFS
140-141.5	1.5	BFS
141.5-142.6	1.1	BFS
146.6-147.1	0.5	BFS
150.2-151.2	1.0	BFS
151.2-153.1	0.9	BFS
153.1-154.5	1.4	BFS
154.5-155.9	1.4	BFS #4
155.9-157.7	1.8	BFS #4
157.7-160.0	2.3	BFS #4
160.0-160.5	0.5	BFS #4
160.5-162.0	1.5	BFS #4
171.5-173.0	1.5	BFS #4
173.0-173.6	0.6	BFS #4
173.6-175.1	1.5	BFS #4
198.8-200.3	1.5	BFS #4

RECOVERY

INTERVAL	CORE LOSS	% RECOVERY
181.7-184.7	0	100
184.7-187.8		
187.8-188.7		
188.7-191.1		
191.1-194.2		
194.2-197.2		
197.2-200.3		

EOH 200.3m

657'

DRILL HOLE LOG

LOCATION: BELOW FISH LAKE CAMP, WEST SIDE OF FISH CREEK	
AZIMUTH: 090	ELEVATION: 2322m/7618'
INCLINATION: -50°	LENGTH: 121.0m/397'
	CORE SIZE: BGM
STARTED: SEPT. 16/96	
COMPLETED: SEPT. 18/96	
PURPOSE: TEST FOR SEDIMENTS/SHEAR EXPOSED IN FISH CREEK	

SURVEYS			
METREAGE	AZIMUTH	INCLINATION	CORR. INCLIN.
121.0m/397'			-50°

DRILL HOLE NO.: MF96-02

PROPERTY:	CORE GROUP
CLAIM NO:	
SECTION:	
LOGGED BY:	CCD
DATED LOGGED:	
DRILLING CO.:	AGRESSIVE
ASSAYED BY:	ECOTECH

CORE RECOVERY:

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES							
0.0	0.6m/2'	CASING												
0.6	121.0m	GRANOPHYRE												
		med-crse grained intrusive w 30-50% quartz phenos, 20% amphibole 15-20% chlorite ± sericite, 1% pyrite; moderately silicified w local strong pervasive silica flood giving pheno margins washed out - mottled texture; weakly fractured (av. 3-5/m), fractures have moderate to weak oxide stain to 29.6m, fractures generally chloritic;												
		11.3-11.7												
		siliceous flood zone w 60% qtz, 4% diss. po;												

Toklat Resources Inc.

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES							
		17.2-17.4 GOUGE, FAULT 0.5cm width rusty fracture @10° tca healed c̄ rusty clay and gouge;												
		24.8-121.0 GRANOPHYRE fine to med. grained equivalent of above; contact gradational over 2 m from 26.0-28.0m; rock is more biotitic than above c̄ local fine biotite flood (est 5-15% of interval); rare mm qtz. veining generally at high angle tca but without strong preferred orientation;												
		35.2-35.7 QUARTZ VEIN, FAULT?, SHEAR? 3cm width quartz vein @11 tca; strongly fractured c̄ fragments on margins mixed c̄ grey-green clay;												
		37.0-37.6 FAULT strongly fractured medium to coarse angular fragments of biotitic granophyre mixed c̄ fine crush and gray-brown clay; contacts indistinct;												

Toklat Resources Inc.

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES							
		40.7-44.0 QUARTZ VEIN 35 tca; cut by low angle (15 tca) po veins;												
		41.7-42.4 QUARTZ VEIN 3 cm width, 15 tca; 5% po;												
		42.4-48.2 RUBBLE ZONE, FAULT strongly fractured angular clasts of f.gr. granophyre; chloritic crush mixed with green-grey mud 42.4-42.5, 44.8-45.1, 46.5-46.7; from 45.1-45.9 rock is chloritic; well laminated 35 tca; 46.1-46.9 massive po; 47.3-47.4 well developed laminations 35 tca; rock is med grained, moderately to strongly blended p'll to laminations												
		57.0-59.5 QUARTZ FLOOD white to pink-grey qtz flood with chlorite, 1.5% diss po, 0.5% pyrite;												
		113.4-115.0 SHEAR ZONE sharp contacts - strong shear @ 70-85 tca; strongly silicified-qtz flooded with 65% qtz; 15% po in coarse diss and rare weak shear bands, 2% pyrite; margins have strong biotite flood-hornfels												

EOH 121.0m / 397'

Toklat Resources Inc.

RECOVERY

INTERVAL	CORE LOSS	% RECOVERY
0.0-0.6 m/2'	CASING	
0.6-3.7	1.0	68
3.7-5.2	0	100
5.2-8.2	0	"
8.2-11.3	0	"
11.3-14.3	"	"
14.3-17.4	"	"
17.4-20.4	"	"
20.4-23.5	"	"
23.5-26.5	"	"
26.5-29.6	"	"
29.6-32.6	"	"
32.6-35.7	"	"
35.7-36.7	"	"
36.7-37.8	0.2	78
37.8-38.7	0	100
38.7-41.4	"	"
41.4-42.1	"	"
42.1-43.3	0	100
43.3-44.2	"	"
44.2-45.1	0.2	78
45.1-46.9	0	100
46.9-50.0	0.5	84
50.0-50.9	0	100
50.9-53.9	"	"
53.9-57.0	"	"
57.0-60.0	"	"
60.0-63.1	"	"
63.1-66.1	"	"
66.1-69.2	"	"
69.2-72.2	0	100
72.2-75.3	"	"
75.3-78.3	"	"
78.3-81.4	"	"
81.4-84.4	"	"
84.4-87.4	"	"
87.4-90.8	0	100
90.8-92.7	"	"
92.7-93.6	"	"
93.6-96.6	"	"
96.6-99.7	"	"
99.7-102.7	"	"
102.7-105.8	"	"
105.8-108.8	"	"
108.8-111.9	"	"
111.9-114.9	"	"
114.9-118.0	"	"
118.0-121.0	"	"

EOH 121.0 m
397'

SAMPLE

INTERVAL	LENGTH
46.1-44.9	0.3

DRILL HOLE LOG

DRILL HOLE NO.: MF96-03

LOCATION: BELOW FISH LAKE CAMP, WEST SIDE OF FISH CREEK			
AZIMUTH: 040	**ELEVATION:** 2322m / 7618'	**PROPERTY:** CORE GROUP	
INCLINATION: -45°	**LENGTH:** 99.7m / 327'	**CLAIM NO:**	
	CORE SIZE: BGM	**SECTION:**	
STARTED: SEPT. 18/96		**LOGGED BY:** CCD	
COMPLETED: SEPT. 20/96		**DATED LOGGED:**	
PURPOSE: TEST FOR ZONE HOSTING MASSIVE PYRITE BOULDER SEEN IN O/C ON EAST BANK OF FISH CREEK		**DRILLING CO.:** AGRESSIVE	
		ASSAYED BY: ECO-TECH	

SURVEYS

METREAGE	AZIMUTH	INCLINATION	CORR. INCLIN.
99.7m / 327'			-45°

CORE RECOVERY:

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES							

Toklat Resources Inc.

METREAGE		DESCRIPTION	SAMPLE NO.	METREAGE		LENGTH	ANALYSES							
FROM	TO			FROM	TO									
0	1.5m/	5' CASING												
1.5	99.7	GRANOPHYRE												
		med-crse grained intrusive c̄ 30-50% quartz phenos												
		20% amphibole, 10-15% sericite-chlorite-biotite, 1-2%												
		pyrite; weakly to moderately silicified; weakly to												
		moderately fractured c̄ rusty oxide stain on fractures												
		to 26.5m												
		7.9-10.7 QUARTZ SHEAR												
		15 tca shear c̄ 50% quartz vein-quartz flood,												
		margins have chlorite, biotite, tourmalinite; 5-8%												
		po, 1% cpy; 50 cm internal band of granophyre;												
		local pervasive rusty stain on quartz;												
		29.0-36.5 GRANOPHYRE												
		fine grained equivalent of above, contacts												
		gradational,												
		36.5-50.2 GRANOPHYRE												
		med-crse grained as from 1.5-29.0												

Toklat Resources Inc.

METREAGE		DESCRIPTION	SAMPLE NO.	METREAGE		LENGTH	ANALYSES							
FROM	TO			FROM	TO									
		50.3-52.9 FAULT, RUBBLE ZONE												
		strongly fractured fragments of laminated chlorite												
		schist?, locally mixed w chlorite clast. laminations												
		@ 70-95° to ca; 0.3m core loss over interval;												
50.3	59.3	SCHIST												
		v.f. grained, chloritic ± biotitic rock; weakly												
		laminated @ 70-95° to ca; contacts gradational;												
		61.0-61.2 QUARTZ VEIN												
		2x3cm width qtz veins [illegible] on fractures,												
		chlorite. 35° to ca.												
		62.1-62.3 QUARTZ FLOOD, QUARTZ VEIN												
		10° to ca [illegible] quartz vein [illegible] white												
		to grey [illegible] weakly calcareous;												
		no vis. sulphides;												
		E.O.H. 99.5 m												
		327'												

Toklat Resources Inc.

Drill Hole No. MF96-03 | Page 3 of 3

RECOVERY INTERVAL	CORE LOSS	% RECOVERY
0.0-1.5m/5'	CASING	
1.5-4.2	0	100
4.2-7.6	"	"
7.6-9.4	"	"
9.4-10.7	"	"
10.7-13.7	"	"
13.7-16.8	"	"
16.8-19.8	"	"
19.8-22.9	"	"
22.9-25.9	"	"
25.9-29.0	"	"
29.0-32.0	"	"
32.0-35.1	"	"
35.1-37.0	"	"
37.0-40.1	"	"
40.1-43.1	"	"
43.1-44.2	"	"
44.2-47.2	"	"
47.2-50.3	"	"
50.3-51.5	0.6	50
51.5-52.1	0.2	66
52.1-53.8	0	100
53.8-56.4	"	"
56.4-59.4	"	"
59.4-62.5	"	"
62.5-65.5	"	"
65.5-68.6	"	"
68.6-71.6	"	"
71.6-74.7	"	"
74.7-77.8	"	"
77.8-80.3	"	"
80.3-83.9	"	"
83.9-87.0	"	"
87.0-90.0	"	"
90.0-93.0	"	"
93.0-96.1	"	"
96.1-99.2	"	"
99.2-99.7	"	"

EOH 99.7m
327'

DRILL HOLE LOG

DRILL HOLE NO.: MF96-04

LOCATION: EAST BANK FISH CREEK 3140 m UPSTREAM FROM FISH CREEK INTERSECTION WITH MIDDLE FORK FINDLAY	
AZIMUTH: 080	ELEVATION: 2130 m
INCLINATION: -45°	LENGTH: 129.5m / 425'
	CORE SIZE: BGM
STARTED: SEPT. 20/96	
COMPLETED: SEPT. 23/96	
PURPOSE: TEST COINCIDENT VLF/EM AIRBORNE ANOMALY	

SURVEYS

METREAGE	AZIMUTH	INCLINATION	CORR. INCLIN.
129.5m/425'			-45°

PROPERTY: CORE GROUP

CLAIM NO:

SECTION:

LOGGED BY: CCD

DATED LOGGED:

DRILLING CO.: AGRESSIVE

ASSAYED BY:

CORE RECOVERY:

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES							
0.0	4.6m / 15'	CASING												
4.8	11.1	GRANOPHYRE												
		med to coarse grained intrusive w 40% qtz ±8%												
		chlorite 20-25% mafics (amphibole, biotite), 2%												
		sulphides, strongly silicified = quartz plag margins												
		commonly frosted; intense chlorite fl'od throughout,												
		weak plag-chlorite imbrication e 75° ca; local												
		strong biotite fl'od-hornfels; possibly a												
		chilled margin feature; 1% f. diss po, 0.5%												
		py on fractures.												
11.1	35.0	GRANOPHYRE												
		f. re to med grained porphyritic intrusive v. similar												
		to above probably equivalent, 20-30% f.-med												

Toklat Resources Inc.

METREAGE		DESCRIPTION	SAMPLE NO.	METREAGE		LENGTH	ANALYSES							
FROM	TO			FROM	TO									
		quartz phenos in f. to v.f. grained chloritic-biotitic												
		matrix; 5% med sericite flecks; weakly fractured ē av.												
		1-4/m, fractures have qtz ± carbonate, chlorite, diss. pyrite;												
		2% po in f-crse diss, local 0.1-0.5 cm thick bands @ 30-65 tca, local enrichment to												
		max. 5% po over 2m.; 0.5% pyrite on fractures, occ.												
		assoc. ē po bands; tr cpy assoc. ē po veins; occ. 2-4 cm												
		width qtz veins @ 50-80° tca ± chl, po, py, upper contact gradational over 0.5m;												
		17.7-19.5 BIOTITE-CHLORITE SHEAR												
		strong 75 tca shear ē biotite, chlorite 30%												
		qtz, 0.5% po in shear parallel laminations;												
		lower contact is 2 x 3 cm width 75° tca												
		quartz veins;												
		19.3-20.0 QUARTZ VEIN												
		white to grey quartz vein ē 15% po,												
		1% cpy; sharp contacts @ 78 tca (upper) and												
		50 tca (lower); margins weakly epidotic;												
		27.2-27.4 QUARTZ-BIOTITE-PYRRHOTITE VEIN												
		SHEAR												
		20 cm zone ē 20% po, 0.5% cpy, 45% ea												
		quartz flood, biot. sharp contacts @ 78												
		tca ē strong coincident biot foln;												

Toklat Resources Inc.

METREAGE		DESCRIPTION	SAMPLE NO.	METREAGE		LENGTH	ANALYSES							
FROM	TO			FROM	TO									
		34.8-35.0 BIOTITE-CHLORITE SHEAR												
		60° tca; 10% po; strong 65° tca foln;												
35.0	129.5	GRANOPHYRE												
		f-med grained more equigranular equivalent												
		of above; str. biot flood - biotite bands												
		over 15% of interval, often in bundles												
		10-30 tca; rock is moderately silicified;												
		1-2% f. diss po, rare mm po bands; local												
		weak bleaching ± weak epidote flood; mm												
		qtz veins (av. 5-20/m) ≈ bleached margins												
		@ random orientation; 5% med silicic												
		flecks, rare 1-3 cm width quartz												
		veins, low angle, ± po, chlorite, rare py; rare												
		quartz flood;												
		77.5 PO VEIN												
		23° tca, 2 cm width vein of mass. po ≈												
		25% qtz;												

Toklat Resources Inc.

METREAGE		DESCRIPTION	SAMPLE NO.	METREAGE		LENGTH	ANALYSES							
FROM	TO			FROM	TO									
		1049-1055 QUARTZ-BIOTITE-PO VEIN												
		20° tca qtz vein w 10% po, 35% biotite												
		flood;												
		1135-1143 BIOTITE-CHLORITE SHEAR												
		thinly laminated @ 35° tca fractures have coarse												
		pyrite; est 2% ea py - po;												
		EOH 129.5m												
		425'												

Toklat Resources Inc.

Drill Hole No. MP96-04 | Page 4 of 4

RECOVERY INTERVAL	CORE LOSS	% RECOVERY
0.0-4.8m / 15' casing		
4.8-7.6	0	100
7.6-10.7	"	"
10.7-13.7	"	"
13.7-16.8	"	"
16.8-19.8	"	"
19.8-22.9	"	"
22.9-25.9	"	"
25.9-29.0	"	"
29.0-32.0	"	"
32.0-35.0	"	"
35.8-38.1	"	"
38.1-41.1	"	"
41.1-44.2	"	"
44.2-47.2	"	"
47.2-50.3	"	"
50.3-53.3	"	"
53.3-56.4	"	"
56.4-59.4	"	"
59.4-62.5	"	"
62.5-65.5	"	"
65.5-68.6	"	"
68.6-71.6	"	"
71.6-74.7	"	"
74.7-77.7	"	"
77.7-80.8	"	"
80.8-83.8	"	"
83.8-86.9	"	"
86.9-89.9	"	"
89.9-93.0	"	"
93.0-96.0	"	"
96.0-99.1	"	"
99.1-102.1	"	"
102.1-105.2	"	"
105.2-108.2	"	"
108.2-111.2	"	"
111.2-114.3	"	"
114.3-117.4	"	"
117.4-120.4	"	"
120.4-123.4	"	"
123.4-126.5	"	"
126.5-129.5	"	"
TD 129.5m		
425'		

SAMPLE INTERVAL	LENGTH

DRILL HOLE LOG

LOCATION: ABOVE FISH LAKE CAMP	DRILL HOLE NO.: MF96-05
AZIMUTH: 100°	ELEVATION:
INCLINATION: -45°	LENGTH: 134.1m/440'
	CORE SIZE: BGM
STARTED: SEPT. 23/96	PROPERTY: CORE GROUP
COMPLETED: SEPT. 27/96	CLAIM NO:
PURPOSE: TEST FRAGMENTAL SEEN IN O/C	SECTION:
	LOGGED BY: CCD
	DATED LOGGED:
	DRILLING CO.: AGRESSIVE
	ASSAYED BY:

SURVEYS

METREAGE	AZIMUTH	INCLINATION	CORR. INCLIN.
134.1m/440'			-46°

CORE RECOVERY:

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	Au	Cu	Pb	Zn				
0.0	0.6m	2' CASING												
0.6	9.4	PORPHYRY / QUARTZ FELDSPAR PORPHYRY		0.6	1.5	0.9	<0.2	22	8	186				
		med to course grained strongly silicified porphyry;		1.5	4.6	3.1	<0.2	35	6	313				
		white to blue grey quartz phenos in dark grey med		4.6	6.9	2.3	0.2	25	6	126				
		grained matrix; xtal boundaries muted-frosted												
		from intense sil^n in both matrix + phenos. 30%												
		pervasive-selective bleaching often along sharp												
		contacts; 2-3% f. diss pyrite ± pyrite on fractures;												
		rare 0.5-1.5 cm width qtz veins @ 30-45° to a.x.												
		= coarse fresh pyrite xtals; occ. qtz flood zones =												
		similar pyrite enrichment; weakly to moderately												
		fractured, fractures have orange oxide ± orange clay												
		to 11.8m;												

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES Ag	Cu	Pb	Zn				
		6.9-7.5 STR. SILICIFIED - BLEACHED ZONE		6.9	7.5	0.6	<0.2	6	6	68				
		pale green quartz flood zone @ 65°tca;		7.4	9.5	1.9	<0.2	10	8	93				
		contacts sharp between altered/unaltered margins;												
		25% quartz eyes; 2x 1cm width quartz veins												
		@ 45°tca assoc w/ coarse cubic fresh pyrite; average												
		5-7% pyrite over interval;												
9.4	49.2	MIXED WACKE, SILTSTONE & INTRUSIVE		9.4	12.4	3.0	<0.2	50	6	36				
		mixed interval of laminated sediments cut by		12.4	15.2	2.8	<0.2	30	8	47				
		stringers of med grained intrusive, entire zone		15.2	16.7	1.5	<0.2	35	6	25				
		is strongly silicified, str. biot? sericite flooded;		16.7	18.7	1.0	<0.2	30	8	10				
		rock is weakly to moderately fractured (1-6/m) w/		18.7	20.7	1.0	<0.2	28	8	20				
		solid core > 1m length common; sharp contact		20.7	21.3	0.6	<0.2	27	16	47				
		against upper intrusive @ 95°tca w/ strong biot		21.3	22.0	0.7	<0.2	38	14	113				
		flood-biot hornfels to 9.6m;												
		SEDIMENTS		22.0	23.7	1.7	<0.2	31	8	30				
		interbedded-intercalated f.gr. wacke-argillite?,		23.7	24.2	0.5	<0.2	27	4	15				
		and fine grained siltstone; bedding angles:		24.2	24.4	0.2	<0.2	29	4	28				
		laminations dominantly 70-85°tca but are		24.4	24.9	0.5	<0.2	18	4	14				
		variable from 40-95°; in places siltstone-		24.9	25.2	0.3	<0.2	35	4	24				
		wacke contacts are sharp along 70-85° bedding		25.2	25.4	0.2	<0.2	30	6	16				
		planes, in others contact appears to be related		25.4	25.5	1.1	<0.2	5	8	27				

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	Ag	Cu	Pb	Zn				
		to either soft sed deformation or possibly small		25.5	25.6	0.1	<0.2	25	4	11				
		scale slump; textures vary from mm to 2-3 cm		25.6	25.7	0.1	<0.2	30	8	20				
		laminations, local mottled zones to more massive		25.7	26.0	0.3	<0.2	24	6	13				
		v.f.gr. mudstone? zones; rock is strongly silicified		26.0	29.0	3.0	<0.2	40	6	20				
		c str. selective-pervasive biotite flood-biot. repl,		29.0	30.8	1.8	<0.2	29	6	28				
		weak to moderate selective-pervasive sericite poss.		30.8	31.1	0.3	<0.2	52	8	13				
		muscovite flood; 5% mod-str. bleaching, often as		31.1	31.3	0.2	0.4	15	2	16				
		margin feature along mm qtz? veins @ 60-85° tca;		31.3	31.4	0.1	<0.2	21	8	10				
		tr.-1.5% f. diss pyrrhotite as repl. along bedding		31.4	31.5	0.1	<0.2	31	6	25				
		planes, in mm fractures, assoc. c small qtz. flood zones; tr.		31.5	31.6	0.1	<0.2	30	8	27				
		diss pyrite;		31.6	32.9	1.3	<0.2	26	6	25				
				32.9	33.1	0.2	<0.2	20	4	10				
				33.1	33.5	0.4	<0.2	21	6	31				
		INTRUSIVE 16.7-20.7, 23.7-24.2, 24.4-24.9, 25.2-		33.5	34.5	1.0	<0.2	35	6	104				
		25.4, 25.5-25.6, 25.7-26.0,		34.5	37.8	3.3	<0.2	45	10	46				
		30.8-31.1, 31.3-31.4, 32.9-33.1, 33.5-		37.8	39.8	0.6	<0.2	26	12	32				
		34.5, 37.8-39.4, 44.2-44.5, 49.0-49.2.		39.8	42.4	3.0	<0.2	38	24	30				
				42.4	44.2	1.8	<0.2	23	8	29				
		fine to med grained porphyritic to weakly equigr-		44.2	44.5	0.3	<0.2	24	10	22				
		anular intrusive; first impression is that		44.5	45.2	0.7	<0.2	34	12	48				
		it predates - is not related to - overlying porphyry;		45.2	45.4	0.2	<0.2	30	16	78				
		str. silicified c only faint textures preserved;		45.4	48.0	2.6	<0.2	28	10	28				
		contacts generally sharp 60-95° tca, parallel		48.0	49.0	1.0	<0.2	29	8	33				
		to laminations, margins typically biotite flooded;		49.0	49.2	0.2	<0.2	21	6	21				

Toklat Resources Inc.

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	Ag	Cu	Pb	Zn			
		0.5-1% each f. diss po-pyrite; occ. irregular shaped											
		str. biotitic xenoliths;											
		16.7-20.7, 38.0-39.4											
		low angle intrusive cts in ? of mixed											
		siltstone ; wacke;											
		21.3-22.0, 45.2-45.4 BIOTITE FLOOD											
		pervasive strong biotite flood of laminated											
		wacke; 85% biot, 15% qtz, 5% ser/chl; 1-2%											
		comb po, py;											
49.2	79.7	MIXED LAMINATED SILTSTONE - WACKE / FRAGMENTAL?		49.2	52.2	3.0	<0.2	32	6	30			
		med. to light grey-brown mixed f. to med. grained		52.2	55.2	3.0	<0.2	69	6	33			
		wacke - f. gr. siltstone; well laminated 70-75° tca		55.2	58.7	3.2	<0.2	33	8	40			
		intervals separated by intervals of dense mottled											
		micritic siltstone, bedding parallel contacts; in places											
		bedding indicates small scale slump-microfaulting (ie											
		61.2-61.4); 15% pervasive fine biotite flood;											
		interval is moderately silicified, moderate											
		selective pervasive bleaching; rare 0.5-1cms											
		width qtz veins @ 30-35° tca c̄ po, py, tr-											
		1% f. diss po, tr. pyrite; sulph. occ. occur pll											
		to bedding;											

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES Ag	Cu	Pb	Zn				
		58.4-59.0 BIOTITE FLOOD		58.7	59.0	0.3	<0.2	41	20	130				
		pervasive biotite + 10-15% qtz repl-flood		59.0	62.0	3.0	<0.2	40	6	46				
		in laminated seds.		62.0	65.0	3.0	<0.2	30	6	42				
				65.0	68.0	3.0	<0.2	24	22	43				
79.7	106.5	MIXED CHLORITIC SILTSTONE - WACKE		68.0	71.0	3.0	<0.2	36	10	45				
		v. similar to above c̄ weak to moderate to		71.0	74.0	3.0	<0.2	33	8	28				
		occ. strong pervasive chloritization, laminations		74.0	77.0	3.0	<0.2	28	8	21				
		well developed @ 70-75° tca; textures vary from		77.0	79.7	2.7	<0.2	44	2	12				
		well laminated siltstone - wacke to more massive												
		wacke c̄ contacts between units generally parallel												
		to bedding, no well defined fine - coarse sequence												
		noted c̄ laminations usually marking individual												
		fine, med grained beds; quartz flood over												
		~25% of interval typically assoc c̄ brecciated												
		zones; overall rock is well fractured density >10/m,												
		fractures have chlorite ± pyrite, weak to moderate												
		bleaching both pervasive and along margins of												
		mm hairline, randomly oriented, fractures; single												
		10 cm quartz veine 91.3m, parallel to bedding												
		c̄ chlorite; 0.5% pyrite in f. diss on fractures;												
		0.5-1% po in f. diss, healed/recemented fractures;												

Toklat Resources Inc.

METREAGE		DESCRIPTION	SAMPLE NO.	METREAGE		LENGTH	ANALYSES							
FROM	TO			FROM	TO		Ag	Cu	Pb	Zn				
		79.7-81.8 laminated mixed wacke siltstone		79.7	81.8	2.1	<0.2	31	6	15				
		81.8-86.3 more massive to weakly laminated		81.8	84.0	2.2	<0.2	15	2	13				
		wacke;		84.0	86.3	2.3	<0.2	13	6	16				
		86.3-88.5 QUARTZ FLOOD		86.3	88.6	2.3	<0.2	7	4	9				
		65% qtz. repl; original rock appears to be		88.6	89.9	1.3	<0.2	13	4	12				
		wacke		89.9	90.4	0.5	0.4	3	14	12				
		88.5-89.9 laminated mixed wacke siltstone												
		★ 89.9-90.4 QUARTZ FLOOD												
		finely fractured chloritic wacke = 85% qtz												
		repl.; upper contact shows e 75° to CA w/ mm												
		bedding parallel laminations; rare fine, crystalline												
		brown to red-brown, vitreous, f.-gr. mineral, H~4												
		mineral - sphalerite?;												
		90.4-91.4 weakly laminated chloritic wacke;		90.4	91.4	1.0	<0.2	6	8	18				
		91.4-94.3 QUARTZ FLOOD		91.4	94.3	2.9	<0.2	4	8	14				
		60-75% quartz repl; original rock appears to												
		be fractured chloritic weakly laminated												
		wacke; fractures have chlorite, pyrite; 1-1.5% po												
		in local coarse repl, f. diss;												
		94.3-94.7		94.3	94.7	0.4	<0.2	17	12	27				
		pervasive chlorite flood; original rock possibly												
		wacke;												

METREAGE FROM	METREAGE TO	DESCRIPTION	SAMPLE NO.	METREAGE FROM	METREAGE TO	LENGTH	ANALYSES Ag	Cu	Pb	Zn				
94.7	106.5	FAULT, STRONGLY CHLORITIZED ZONE / SHEAR ZONE		94.7	96.4	1.7	<0.2	70	8	33				
		strongly chloritized dark to med. green, str. fractured		96.4	98.1	1.7	<0.2	21	12	32				
		fine grained to porphyritic?-brecciated? rock; 30-40%												
		quartz in qtz eyes-fragments-repl. zones; original texture												
		masked by chloritization-shearing; rock is weakly												
		sheared-dominantly fractured @ 60-80° tca; fractures												
		are chloritic ± pyrite and commonly have slickensides.												
		20-35% of interval is rubble-clasts mixed c̄												
		gouge - chloritic grey-green mud; 2-3% each												
		pyrite, po in f. diss. [illegible] small repl. features, ac.												
		∥ to ⊥ to shear; upper contact sharp @ 80° tca with												
		rubble ± chloritic gouge;												
		93.1-99.5 CHLORITIC GOUGE		98.1	99.5	1.4	<0.2	159	14	52				
				99.5	102.1	2.6	<0.2	142	10	47				
		104.1-104.6 ALBITITE VEIN?		102.1	104.1	2.0	<0.2	90	8	32				
		low angle (5-20° tca) vein of v.f. gr. white		104.1	105.0	0.9	<0.2	34	6	36				
		hard (= qtz) mineral; finely fractured, healed		105.0	106.5	1.5	<0.2	48	10	39				
		c̄ chlorite;												
106.5	134.1	SILICIFIED - BLEACHED LAMINATED SILTSTONE -												
		ARGILLITE / SUBORDINATE WACKE												
		v. similar to 49.2-79.7; medium to light grey-brown,												
		moderately bleached, moderately to strongly silicified,												

Toklat Resources Inc.

METREAGE		DESCRIPTION	SAMPLE NO.	METREAGE		LENGTH	ANALYSES							
FROM	TO			FROM	TO		Ag	Cu	Pb	Zn				
		well laminated siltstone-argillite and lesser												
		waxke; laminations-bedding e75 tca, acc. 65; bed												
		thickness varies from 2mm - 2-3cm generally defined												
		by variations in grainsize, no well defined fine -												
		crse sequence, acc larger (5-10cm width) bands												
		have mottled texture ō mottles rep. = fine biotite; 10-15%												
		selective- pervasive biot. flood within and parallel to												
		bedding; interval is well silicified ō 15% strong												
		pervasive quartz flood, interval is well fractured (5-10/												
		m) ō chlorite ± pyrite on fractures; 3% pyrite crsel,												
		diss. on fractures, - f. diss. + rep. features, acc. as												
		bedding fill replacement; 1-3% po as f. diss.												
		repl. features, acc. as bedding parallel repl;												
		106.5 -115.8 FAULT RUBBLE ZONE		106.5	108.7	2.2	<0.2	61	12	48				
		continuation of above fault zone; sharp contacts		108.7	112.8	3.1	<0.2	96	8	31				
		e106.5 between tchloritic and silicified units		112.8	115.8	3.0	<0.2	38	10	41				
		e 85 tca along laminations; strongly fractured		115.8	118.8	3.0	<0.2	11	16	25				
		siliceous, laminated siltstone-argillite ō 10-15%		118.8	121.1	2.3	<0.2	31	30	40				
		chloritic gouge;		121.1	124.1	3.0	<0.2	26	20	43				
				124.1	127.1	3.0	<0.2	25	16	74				
		EOH 134.1m		127.1	130.1	3.0	<0.2	46	26	53				
		440'		130.1	133.1	3.0	<0.2	32	22	44				
				133.1	134.1	1.0	<0.2	27	18	52				

Toklat Resources Inc.

RECOVERY

INTERVAL	CORE LOSS	% RECOVERY
0.0-0.6m/2'	CASING	
0.6-1.5	0	100
1.5-4.6	"	"
4.6-6.1	"	"
6.1-9.1	"	"
9.1-12.2	"	"
12.2-15.2	"	"
15.2-18.3	"	"
18.3-21.3	"	"
21.3-24.4	"	"
24.4-27.4	"	"
27.4-30.5	"	"
30.5-33.5	"	"
33.5-36.5	"	"
36.5-39.6	"	"
39.6-42.7	"	"
42.7-45.7	"	"
45.7-48.8	"	"
48.8-51.8	"	"
51.8-54.9	"	"
54.9-57.9	"	"
57.9-61.0	"	"
61.0-64.0	"	"
64.0-67.1	"	"
67.1-70.1	"	"
70.1-73.2	"	"
73.2-76.2	"	"
76.2-79.2	"	"
79.2-82.3	"	"
82.3-85.3	"	"
85.3-88.4	1.2	59 ← MARKING BLOCK ERROR FOR SURE. TRY TO SORT IT OUT WHEN THEY PULL RODS
88.4-91.4	"	"
91.4-94.5	"	"
94.5-97.5	"	"
97.5-100.6	0.4	87
100.6-103.6	1.6	47
103.6-106.7	0.7	77
106.7-109.7	1.5	50
109.7-112.8	1.5	52
112.8-115.8	0.3	90
115.8-118.8	0.6	76
118.8-121.3	0	100
121.3-121.6	"	"
121.6-123.6	"	"
123.6-125.0	"	"
125.0-128.0	"	"
128.0-131.1	"	"
131.1-134.1	"	"

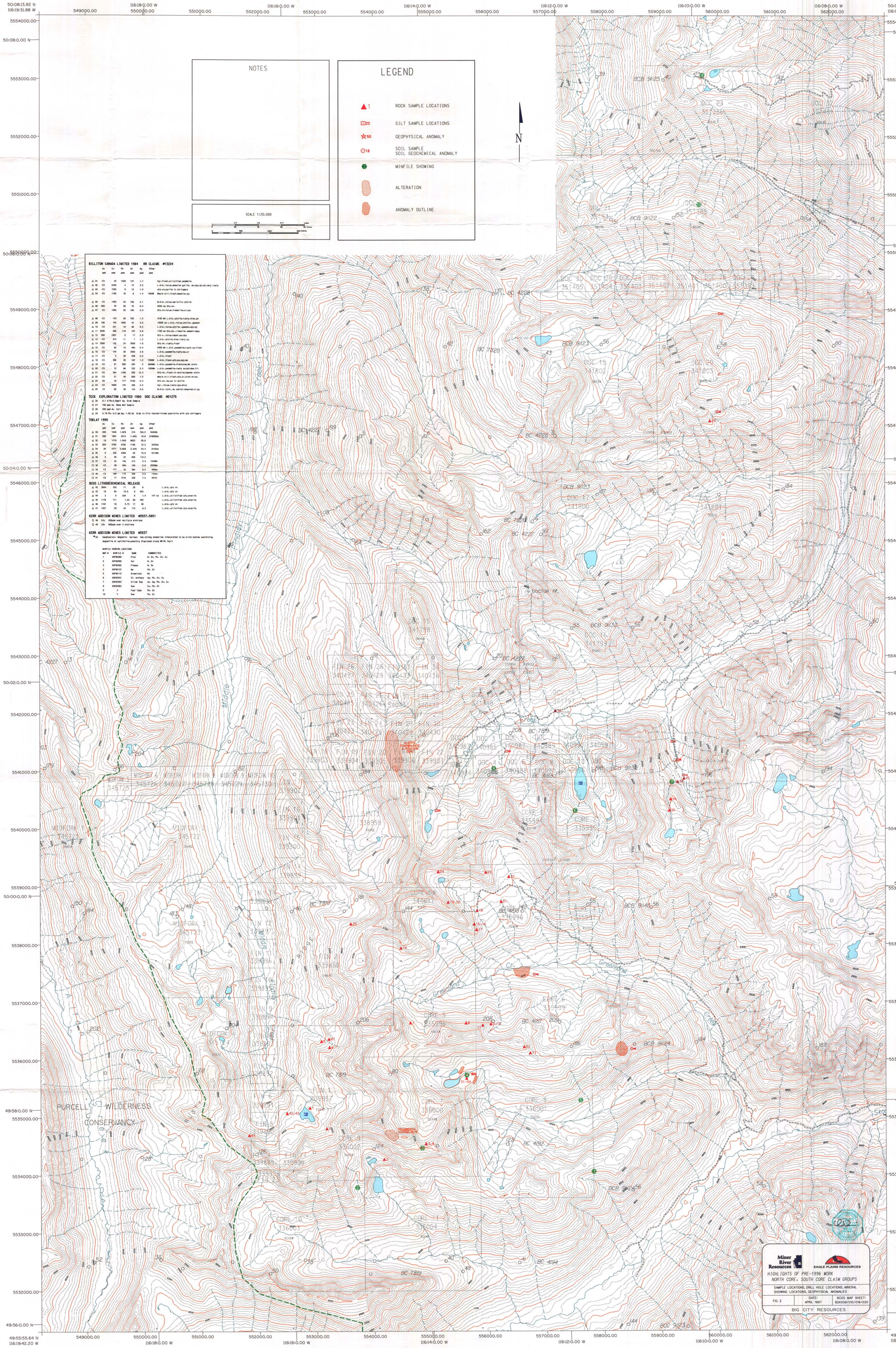
EOH 134.1m
44d

INTERVAL	CORE LOSS	% RECOVERY

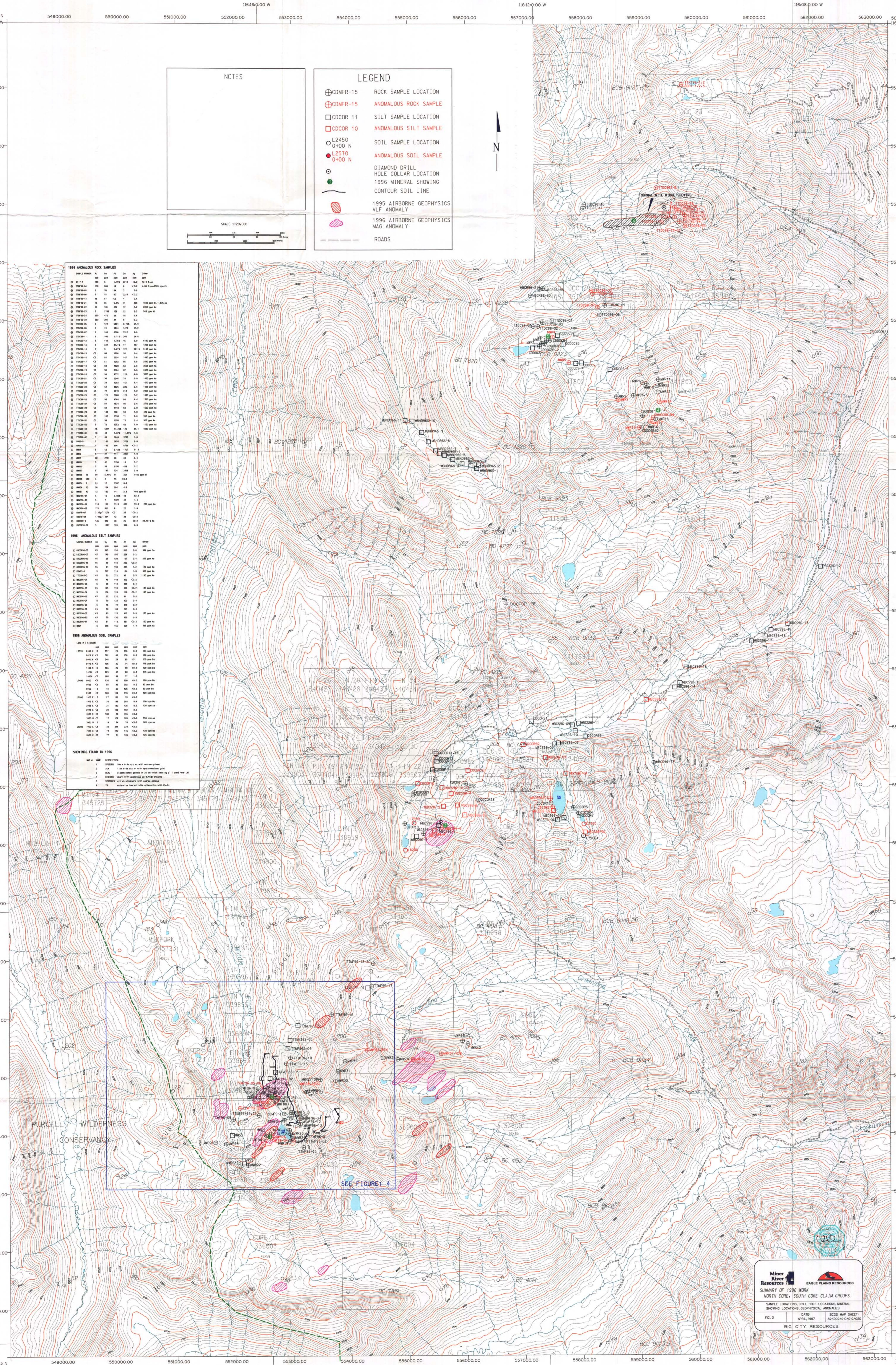
INTERVAL	LENGTH	
118.8-121.1	2.3	Bag #8
121.1-124.1	3.0	
124.1-127.1	3.0	
127.1-130.1	3.0	
130.1-133.1	3.0	
133.1-134.1	1.0	

SAMPLE

INTERVAL	LENGTH	BAG
0.6-1.5	0.9	BAG #1
1.5-4.6	3.1	
4.6-6.9	2.3	
6.9-7.5	0.6	
7.5-9.4	1.9	
9.4-12.4	3.0	
12.4-15.2	2.8	
15.2-16.7	1.5	
16.7-18.7	1.0	
18.7-20.7	1.0	
20.7-21.3	0.6	
21.3-22.0	0.7	
22.0-23.7	1.7	BAG #2
23.7-24.2	0.5	
24.2-24.4	0.2	
24.4-24.9	0.5	
24.9-25.2	0.3	
25.2-25.4	0.2	
25.4-25.5	1.1	
25.5-25.6	0.1	
25.6-25.7	0.1	
25.7-26.0	0.3	
26.0-29.0	3.0	
29.0-30.8	1.8	
30.8-31.1	0.3	
31.1-31.3	0.2	
31.3-31.4	0.1	
31.4-31.5	0.1	
31.5-31.6	0.1	BAG #3
31.6-32.9	1.3	
32.9-33.1	0.2	
33.1-33.5	0.4	
33.5-34.5	1.0	
34.5-37.8	3.3	
37.8-39.4	0.6	
39.4-42.4	3.0	
42.4-44.2	[illegible]	
44.2-44.5	0.3	
44.5-45.2	0.7	
45.2-45.4	0.2	
45.4-48.0	2.6	Bag #4
48.0-49.0	1.0	
49.0-49.2	0.2	
49.2-52.2	3.0	
52.2-55.2	3.0	
55.2-58.4	3.2	
58.4-59.0	0.6	
59.0-62.0	3.0	
62.0-65.0	3.0	Bag #5
65.0-68.0	3.0	
68.0-71.0	3.0	
71.0-74.0	3.0	
74.0-77.0	3.0	
77.0-79.7	2.7	
79.7-81.8	2.1	Bag #6
81.8-84.0	2.2	
84.0-86.3	2.3	
86.3-88.6	2.3	
88.6-89.9	1.3	
89.9-90.4	0.5	
90.4-91.4	1.0	
91.4-94.3	2.9	
94.3-94.7	0.4	Bag #7
94.7-96.4	1.7	
96.4-98.1	1.7	
98.1-99.5	1.4	
99.5-102.1	2.6	
102.1-104.1	2.0	
104.1-105.0	0.9	
104.1-106.5	2.4	
106.5-108.7	2.2	
108.7-112.8	3.1	
112.8-115.8	3.0	
115.8-118.8	3.0	



NOTES
LEGEND
ROCK SAMPLE LOCATIONS
SILT SAMPLE LOCATIONS
GEOPHYSICAL ANOMALY
SOIL SAMPLE
SOIL GEOCHEMICAL ANOMALY
MINFILE SHOWING
ALTERATION
ANOMALY OUTLINE
N
PURCELL WILDERNESS CONSERVANCY
Miner River Resources
EAGLE PLAINS RESOURCES
HIGHLIGHTS OF PRE-1996 WORK
NORTH CORE, SOUTH CORE CLAIM GROUPS
SAMPLE LOCATIONS, DRILL HOLE LOCATIONS, MINERAL SHOWING LOCATIONS, GEOPHYSICAL ANOMALIES
FIG. 2
DATE: APRIL 1997
BCGS MAP SHEET: 82K009/010/019/020
BIG CITY RESOURCES



1996 ANOMALOUS ROCK SAMPLES

SAMPLE NUMBER	Au ppb	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Other ppm
21-7-1	130	6	1.49%	2210	16.2	12.9 % As
TTMF96-04	100	208	18	8	<0.2	4.06 % As,2509 ppm Co
TTMF96-05	5	70	84	3	7.8	
TTMF96-08	5	19	80	2214	<0.2	
TTMF96-13	55	67	<2	4	0.6	
TTMF96-21	15	65	6.5%	<1	398	1500 ppm Bi,1.37% As
TTMF96-22	50	101	306	12	2.2	6955 ppm As
TTMF96-23	5	1398	156	12	2.2	548 ppm Ni
TTMF96-24	220	410	26	16	1.6	
TTMF96-30	560	301	34	8	2.2	
TTDC96-05	5	124	6864	0.76%	51.9	
TTDC96-06	5	74	6844	1479	53.2	
TTDC96-07	5	165	8588	5310	9.0	
TTDC96-11	5	105	1.71%	303	24.8	
TTDC96-12	5	143	1.76%	46	5.0	6480 ppm As
TTDC96-13	5	347	31.1%	17	457	1205 ppm As
TTDC96-14	5	5	5.67%	122	121.5	5140 ppm As
TTDC96-15	<5	60	1908	96	1.4	1530 ppm As
TTDC96-16	<5	65	3224	147	3.6	1840 ppm As
TTDC96-17	<5	51	1092	85	1.8	2840 ppm As
TTDC96-18	<5	50	1320	68	0.8	2665 ppm As
TTDC96-19	<5	98	3104	82	2.6	3425 ppm As
TTDC96-20	<5	96	4372	125	4.0	3030 ppm As
TTDC96-21	<5	30	2246	78	2.0	1430 ppm As
TTDC96-22	<5	34	1292	161	1.4	1070 ppm As
TTDC96-23	<5	62	3526	225	2.6	1425 ppm As
TTDC96-24	<5	72	2970	214	4.2	2905 ppm As
TTDC96-25	<5	121	3266	125	3.2	1465 ppm As
TTDC96-26	<5	98	4764	84	4.4	1320 ppm As
TTDC96-27	<5	87	1834	95	2.6	2715 ppm As
TTDC96-28	<5	83	1410	58	2.0	1520 ppm As
TTDC96-29	<5	100	408	53	1.0	425 ppm As
TTDC96-30	<5	102	1596	71	2.8	950 ppm As
TTDC96-31	<5	94	1058	73	1.4	905 ppm As
TTDC96-32	5	72	1352	92	1.0	1120 ppm As
TTDC96-38	15	6271	17.20%	125	86.1	9290 ppm As
TTRT96-01	70	43	3.07%	11.85%	4.8	
TTRT96-02	5	48	1646	3769	1.0	
CORT-01	5	161	5650	3728	2.0	
CORT-03	5	182	696	8759	<0.2	
MMR4	5	65	5.42%	1707	61.3	
MMR5	5	27	414	3907	1.0	
MMR7	60	2224	60	88	2.4	
MMR14	5	42	3156	14	5.2	
MMR15	5	55	9150	458	7.2	
MMR17	5	147	734	2418	2.0	
MMR26 15	89	5.41%	<1	357	1180 ppm Bi	
MMR28 580	6	4	15	<0.2		
MMR34 5	24	10	1382	0.6		
MMR36 10	56	124	284	4.6		
MMR37 40	72	130	141	2.8	460 ppm Bi	
MEMF96-01	5	15	3.83%	48	62.3	
MEMF96-02	5	7	1322	42	4.4	
MBCR96-06	110	110	1318	830	59.4	275 ppm As
MBCR96-07	175	311	6	20	1.6	
CDMFR-07	2.25g/T	1078	<2	25	<0.2	
CDMFR-08	1.92g/T	314	12	33	<0.2	
CDDDCR-9	135	912	30	25	<0.2	23.10 % As
CDCOR96-02	5	1427	126	396	6.8	

1996 ANOMALOUS SILT SAMPLES

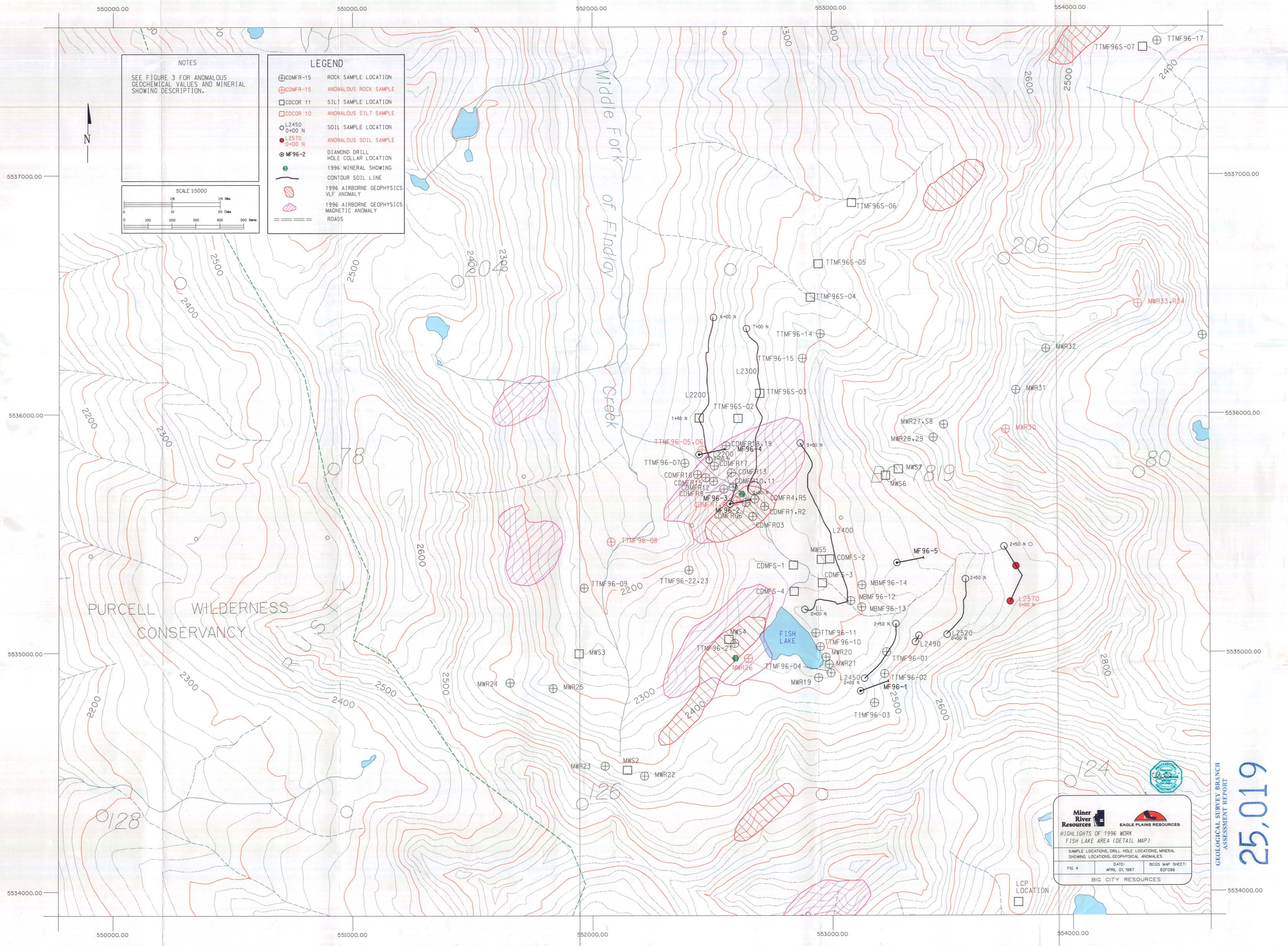
SAMPLE NUMBER	Au ppb	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Other ppm
CDCOR96-05	<5	365	154	519	0.6	384 ppm Co
CDCOR96-07	<5	149	156	228	0.2	
CDCOR96-10	<5	25	120	167	0.4	265 ppm As
CDCOR96-16	<5	19	110	222	<0.2	
CDCOR96-20	<5	94	190	391	1.2	125 ppm As
CDMFS-4	5	717	114	194	1.0	305 ppm As
TTDC96S-0	<5	50	372	97	0.5	1190 ppm As
MBCS96-01	<5	45	148	362	<0.2	
MBCS96-02	5	68	118	399	0.4	
MBCS96-03	<5	165	194	306	<0.2	130 ppm As
MBCS96-04	5	106	128	216	<0.2	145 ppm As
MBCS96-12	<5	22	216	91	0.4	
RBCS96-04	5	70	122	402	0.4	
RBCS96-06	5	15	72	318	0.2	
RBCS96-08	<5	30	88	243	0.4	
RBCS96-09	<5	69	126	417	0.6	135 ppm As
RBCS96-10	<5	75	130	429	0.8	
RBCS96-11	<5	61	112	357	<0.2	130 ppm As
MMS1	5	298	156	229	1.4	495 ppm As

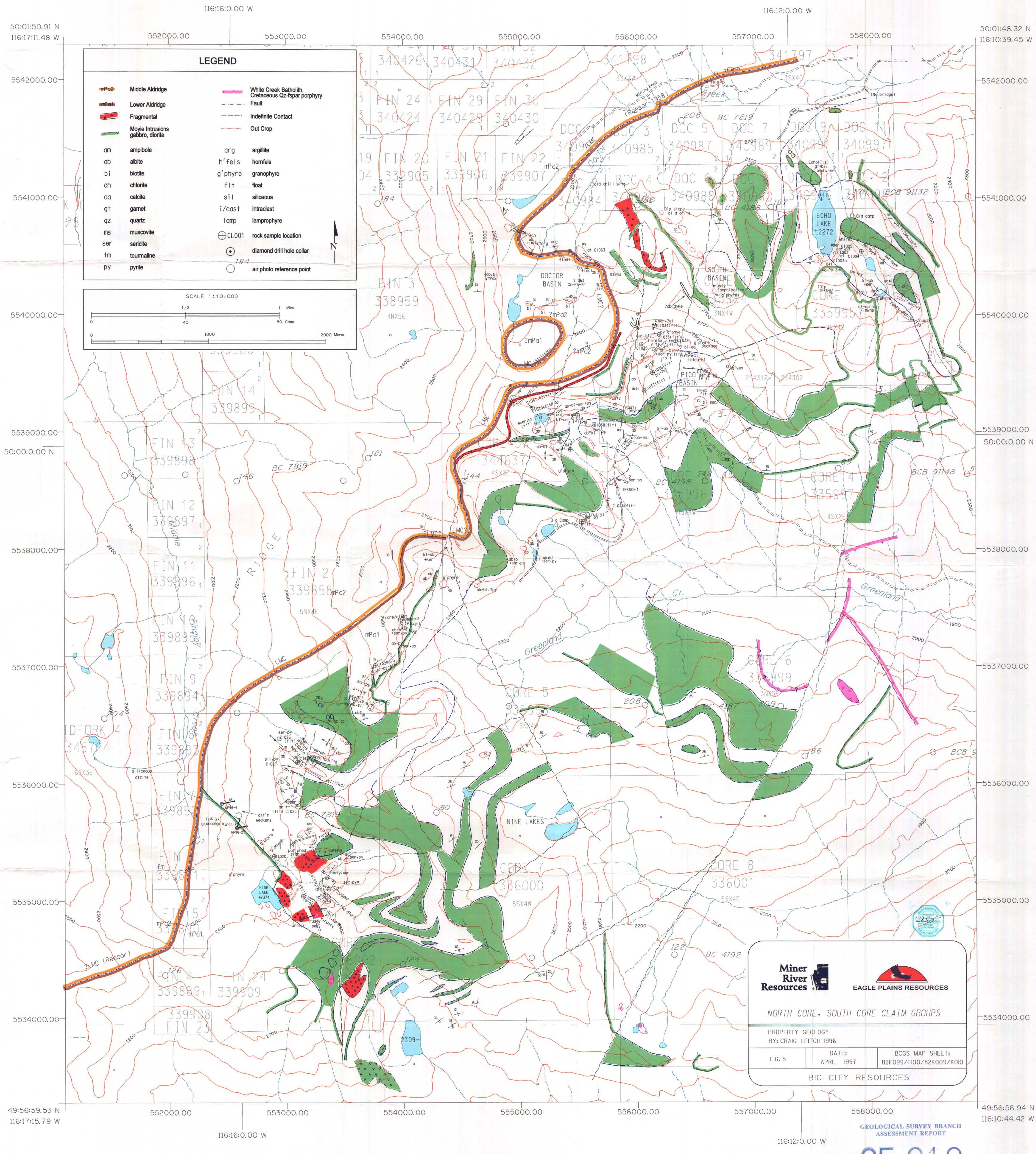
1996 ANOMALOUS SOIL SAMPLES

LINE # / STATION		ppb	ppm	ppm	ppm	ppm	ppm
L2570	0+00 N	10	257	26	276	0.8	133 ppm Co
	0+25 N	<5	362	68	130	0.8	120 ppm Co
	0+50 N	<5	240	24	69	<5	105 ppm Ba
	0+75 N	<5	105	30	74	<0.2	115 ppm Ba
	1+00 N	10	166	26	90	<0.2	120 ppm Ba
	1+25N	<5	229	40	80	0.4	145 ppm Ba
	1+50N	<5	180	88	57	1.0	
LT400	0+00	<5	130	82	190	<0.2	120 ppm Ba
	0+25	<5	65	46	302	0.2	85 ppm Ba
	0+50	5	44	50	125	<0.2	80 ppm Ba
	2+00	<5	103	116	176	<0.2	120 ppm Ba
L7900	1+25 E	5	27	162	95	<0.2	
	1+75 E	<5	34	146	269	0.4	100 ppm Ba
	2+25 E	<5	21	130	125	0.6	120 ppm As
	2+75 E	<5	28	120	103	0.2	
	3+25 E	<5	108	78	455	<0.2	
	3+25 W	<5	17	108	105	<0.2	550 ppm As
	3+50 W	5	19	74	78	<0.2	165 ppm As
L8200	7+50 E	<5	32	216	224	<0.2	
	7+75 E	<5	74	112	146	<0.2	130 ppm Ba
	8+00 E	<5	77	94	136	<0.2	125 ppm Ba

SHOWINGS FOUND IN 1996

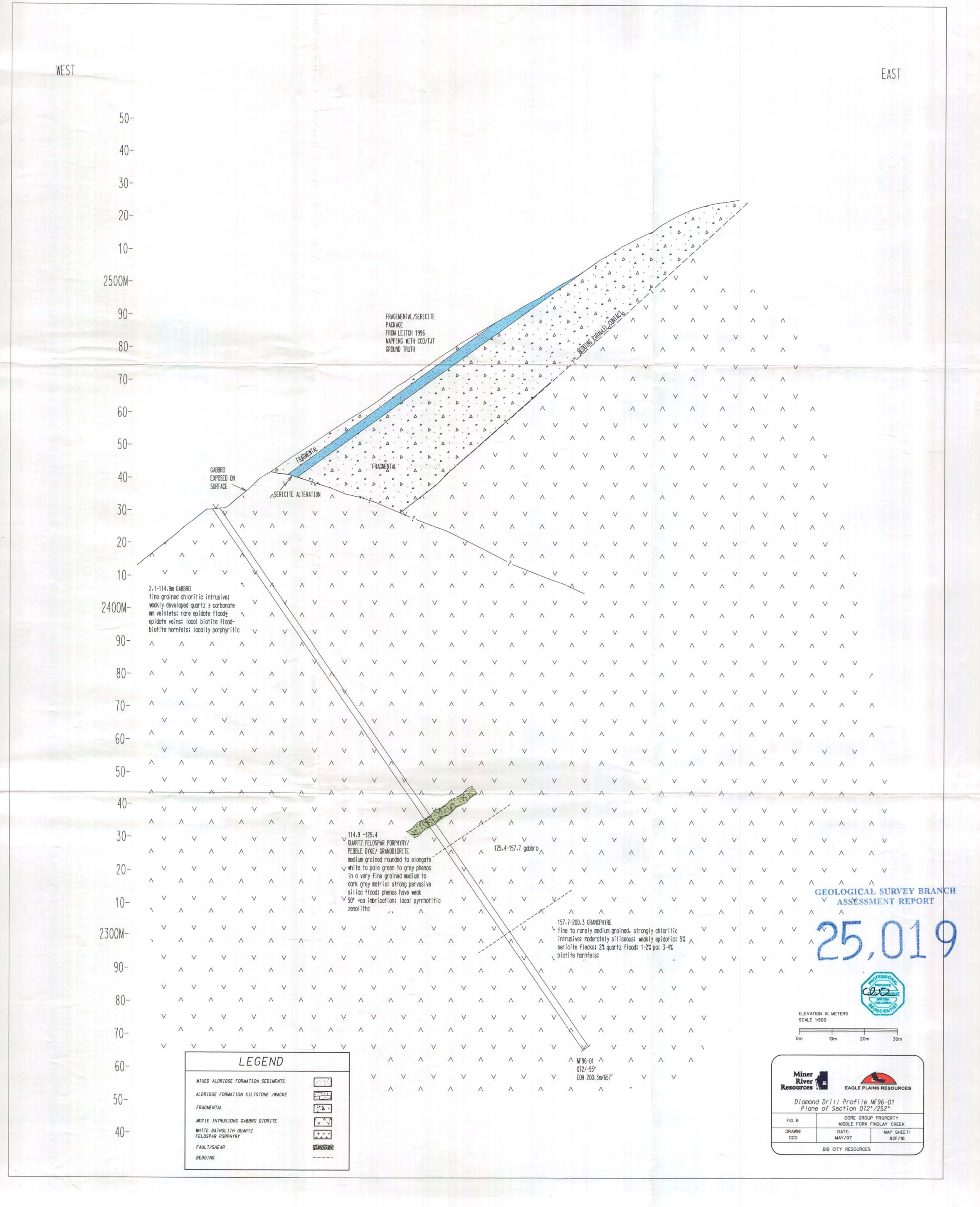
MAP #	NAME	DESCRIPTION
1	SPUBURN	10m x 0.8m qtz vn with coarse galena
2	JEN	1.5m wide qtz vn with apy,anomalous gold
3	BEAU	disseminated galena in 20 cm thick bedding p'll band near LMC
4	BIGHORN	skarn with anomalous gold,high arsenic
5	STITCHES	qtz vn stockwork with coarse galena
6	TR	extensive tourmalinite alteration with Pb,Zn

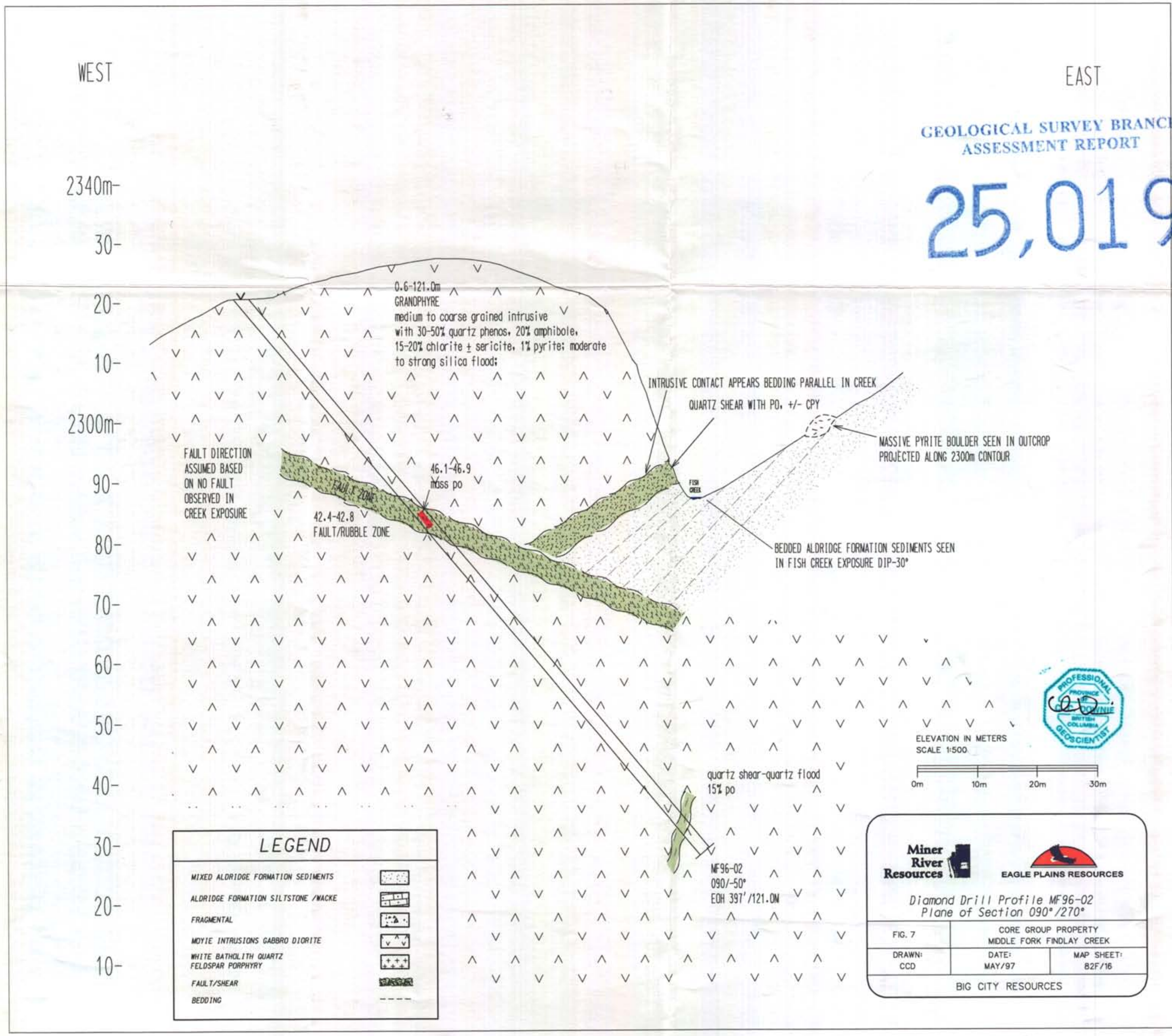

NOTES
SEE FIGURE 3 FOR ANOMALOUS GEOCHEMICAL VALUES AND MINERIAL SHOWING DESCRIPTION.
LEGEND
CDMFR-15 ROCK SAMPLE LOCATION
CDMFR-15 ANOMALOUS ROCK SAMPLE
CDCOR 11 SILT SAMPLE LOCATION
CDCOR 10 ANOMALOUS SILT SAMPLE
L2450 0+00 N SOIL SAMPLE LOCATION
L2570 0+00 N ANOMALOUS SOIL SAMPLE
MF96-2 DIAMOND DRILL HOLE COLLAR LOCATION
1996 MINERAL SHOWING
CONTOUR SOIL LINE
1996 AIRBORNE GEOPHYSICS VLF ANOMALY
1996 AIRBORNE GEOPHYSICS MAGNETIC ANOMALY
ROADS
SCALE 1:5000
N
Middle Fork of Findlay Creek
PURCELL WILDERNESS CONSERVANCY
FISH LAKE
LCP LOCATION
550000.00
551000.00
552000.00
553000.00
554000.00
5537000.00
5536000.00
5535000.00
5534000.00
Miner River Resources
EAGLE PLAINS RESOURCES
HIGHLIGHTS OF 1996 WORK
FISH LAKE AREA (DETAIL MAP)
SAMPLE LOCATIONS, DRILL HOLE LOCATIONS, MINERAL SHOWING LOCATIONS, GEOPHYSICAL ANOMALIES
FIG. 4
DATE: APRIL 01, 1997
BCGS MAP SHEET: 82F099
BIG CITY RESOURCES
GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT
25,019

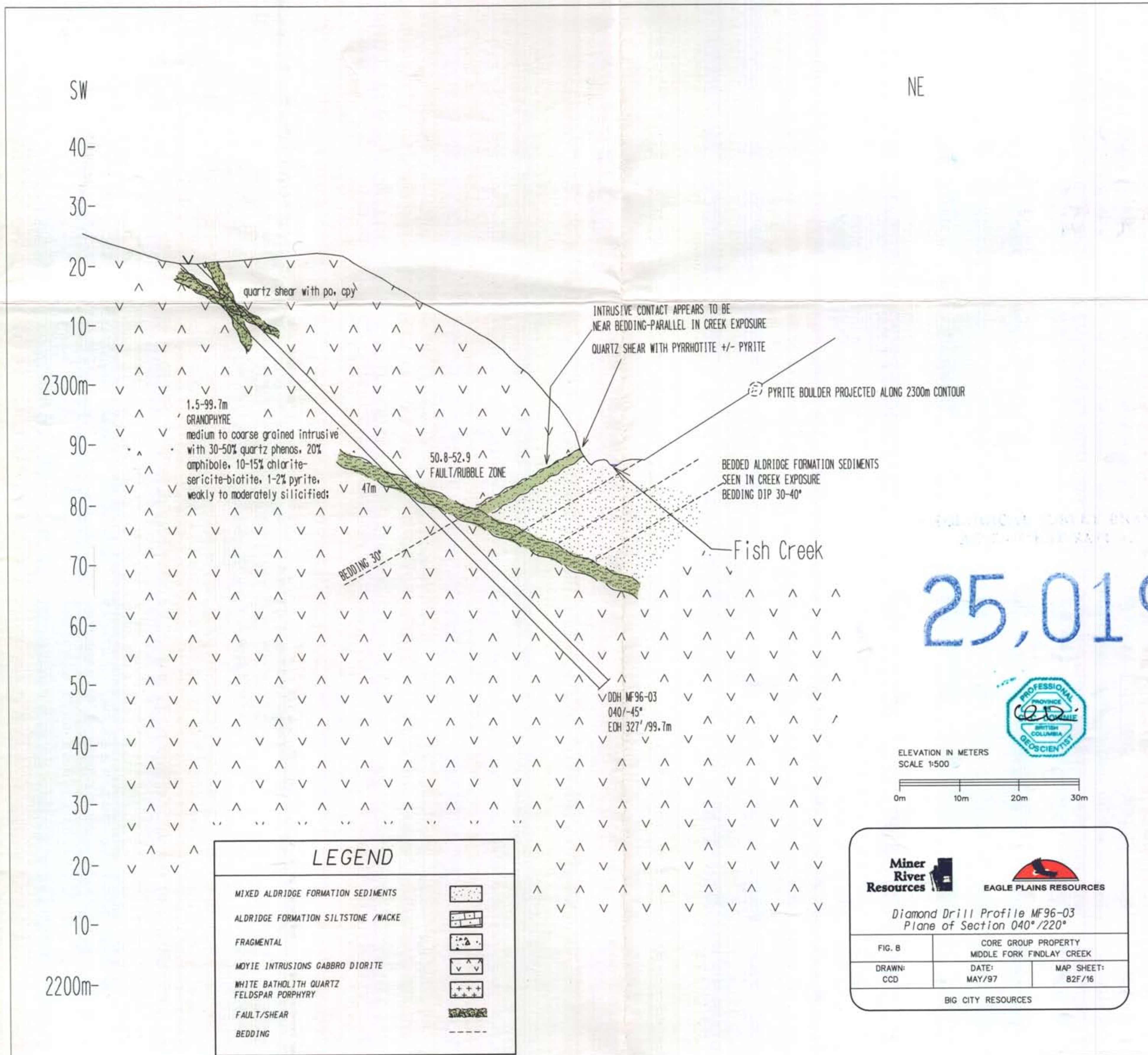


GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

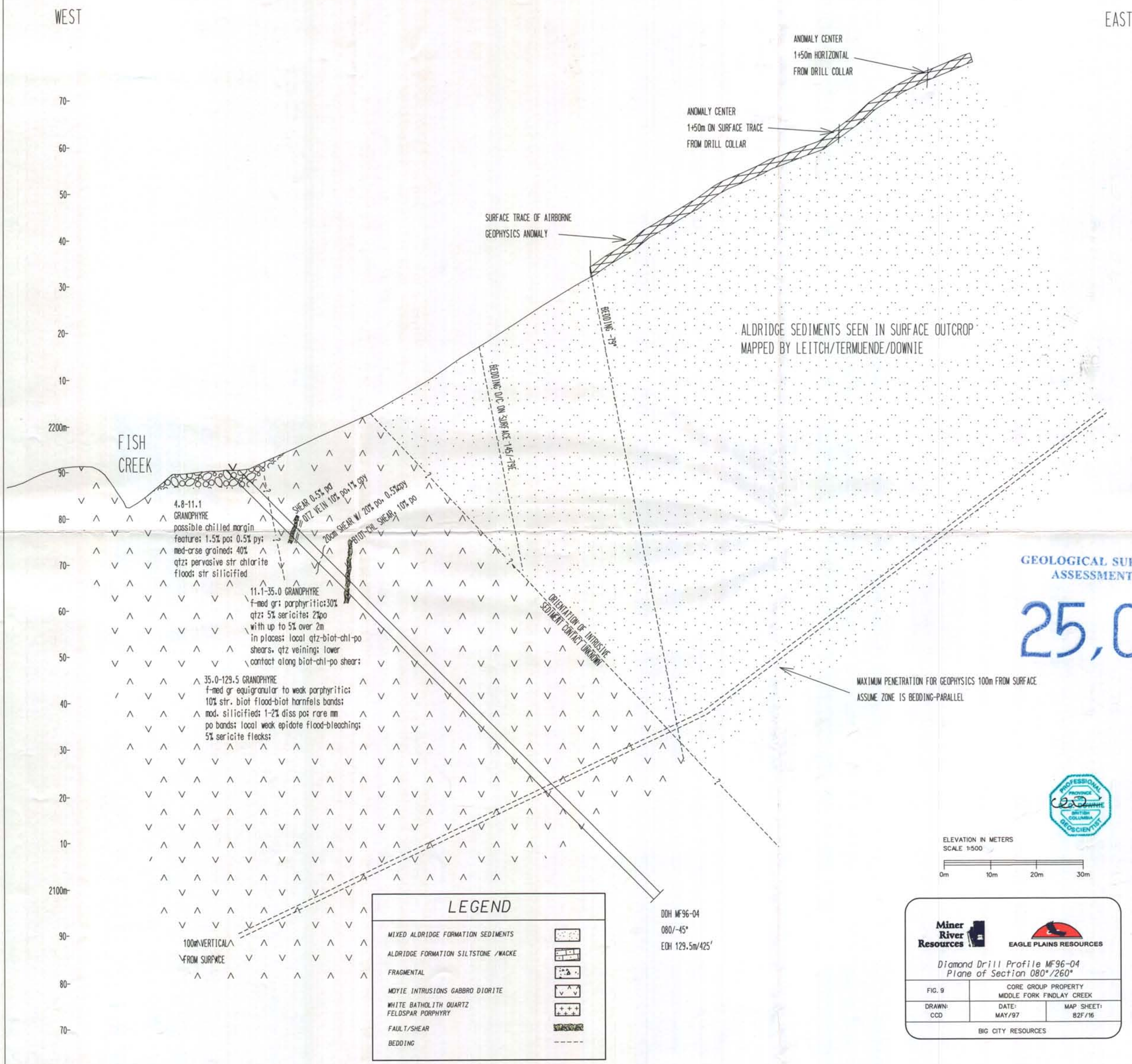
25,019


WEST
EAST
50-
40-
30-
20-
10-
2500M-
90-
80-
70-
60-
50-
40-
30-
20-
10-
2400M-
90-
80-
70-
60-
50-
40-
30-
20-
10-
2300M-
90-
80-
70-
60-
50-
40-
FRAGEMENTAL/SERICITE
PACKAGE
FROM LEITCH 1996
MAPPING WITH CCD/TJT
GROUND TRUTH
BEDDING PARALLEL CONTACT
FRAGMENTAL
FRAGMENTAL
GABBRO
EXPOSED ON
SURFACE
SERICITE ALTERATION
2.1-114.9m GABBRO
fine grained chloritic intrusive;
weakly developed quartz ± carbonate
mm veinlets; rare epidote flood±
epidote veins; local biotite flood-
biotite hornfels; locally porphyritic
114.9 -125.4
QUARTZ FELDSPAR PORPHYRY/
PEBBLE DYKE/ GRANODIORITE
medium grained rounded to elongate
white to pale green to grey phenos
in a very fine grained medium to
dark grey matrix; strong pervasive
silica flood; phenos have weak
50° +ca imbrication; local pyrrhotitic
zenoliths
125.4-157.7 gabbro
157.7-200.3 GRANOPHYRE
fine to rarely medium grained, strongly chloritic
intrusive; moderately siliceous; weakly epidotic; 5%
sericite flecks; 2% quartz flood; 1-2% po; 3-4%
biotite hornfels;
MF96-01
072/-55°
EOH 200.3m/657'
LEGEND
MIXED ALDRIDGE FORMATION SEDIMENTS
ALDRIDGE FORMATION SILTSTONE /WACKE
FRAGMENTAL
MOYIE INTRUSIONS GABBRO DIORITE
WHITE BATHOLITH QUARTZ FELDSPAR PORPHYRY
FAULT/SHEAR
BEDDING
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
25,019
PROFESSIONAL
PROVINCE
BRITISH COLUMBIA
GEOSCIENTIST
ELEVATION IN METERS
SCALE 1:500
0m
10m
20m
30m
Miner River Resources
EAGLE PLAINS RESOURCES
Diamond Drill Profile MF96-01
Plane of Section 072°/252°
FIG. 6
CORE GROUP PROPERTY
MIDDLE FORK FINDLAY CREEK
DRAWN: CCD
DATE: MAY/97
MAP SHEET: 82F/16
BIG CITY RESOURCES


WEST
EAST
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
25,019
2340m-
30-
20-
10-
2300m-
90-
80-
70-
60-
50-
40-
30-
20-
10-
0.6-121.0m
GRANOPHYRE
medium to coarse grained intrusive
with 30-50% quartz phenos, 20% amphibole,
15-20% chlorite ± sericite, 1% pyrite; moderate
to strong silica flood;
INTRUSIVE CONTACT APPEARS BEDDING PARALLEL IN CREEK
QUARTZ SHEAR WITH PO, +/- CPY
MASSIVE PYRITE BOULDER SEEN IN OUTCROP
PROJECTED ALONG 2300m CONTOUR
FAULT DIRECTION
ASSUMED BASED
ON NO FAULT
OBSERVED IN
CREEK EXPOSURE
46.1-46.9
mass po
FAULT ZONE
42.4-42.8
FAULT/RUBBLE ZONE
FISH CREEK
BEDDED ALDRIDGE FORMATION SEDIMENTS SEEN
IN FISH CREEK EXPOSURE DIP-30°
quartz shear-quartz flood
15% po
MF96-02
090/-50°
EOH 397'/121.0M
ELEVATION IN METERS
SCALE 1:500
0m
10m
20m
30m
LEGEND
MIXED ALDRIDGE FORMATION SEDIMENTS
ALDRIDGE FORMATION SILTSTONE /WACKE
FRAGMENTAL
MOYIE INTRUSIONS GABBRO DIORITE
WHITE BATHOLITH QUARTZ FELDSPAR PORPHYRY
FAULT/SHEAR
BEDDING
Miner River Resources
EAGLE PLAINS RESOURCES
Diamond Drill Profile MF96-02
Plane of Section 090°/270°
FIG. 7
CORE GROUP PROPERTY
MIDDLE FORK FINDLAY CREEK
DRAWN: CCD
DATE: MAY/97
MAP SHEET: 82F/16
BIG CITY RESOURCES
PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA



SW
NE
40-
30-
20-
10-
2300m-
90-
80-
70-
60-
50-
40-
30-
20-
10-
2200m-
quartz shear with po, cpy
INTRUSIVE CONTACT APPEARS TO BE
NEAR BEDDING-PARALLEL IN CREEK EXPOSURE
QUARTZ SHEAR WITH PYRRHOTITE +/- PYRITE
PYRITE BOULDER PROJECTED ALONG 2300m CONTOUR
1.5-99.7m
GRANOPHYRE
medium to coarse grained intrusive
with 30-50% quartz phenos, 20%
amphibole, 10-15% chlorite-
sericite-biotite, 1-2% pyrite,
weakly to moderately silicified;
47m
50.8-52.9
FAULT/RUBBLE ZONE
BEDDED ALDRIDGE FORMATION SEDIMENTS
SEEN IN CREEK EXPOSURE
BEDDING DIP 30-40°
Fish Creek
BEDDING 30°
DDH MF96-03
040/-45°
EOH 327'/99.7m
25,019
ELEVATION IN METERS
SCALE 1:500
0m
10m
20m
30m
LEGEND
MIXED ALDRIDGE FORMATION SEDIMENTS
ALDRIDGE FORMATION SILTSTONE /WACKE
FRAGMENTAL
MOYIE INTRUSIONS GABBRO DIORITE
WHITE BATHOLITH QUARTZ
FELDSPAR PORPHYRY
FAULT/SHEAR
BEDDING
Miner River Resources
EAGLE PLAINS RESOURCES
Diamond Drill Profile MF96-03
Plane of Section 040°/220°
FIG. 8
CORE GROUP PROPERTY
MIDDLE FORK FINDLAY CREEK
DRAWN:
CCD
DATE:
MAY/97
MAP SHEET:
82F/16
BIG CITY RESOURCES



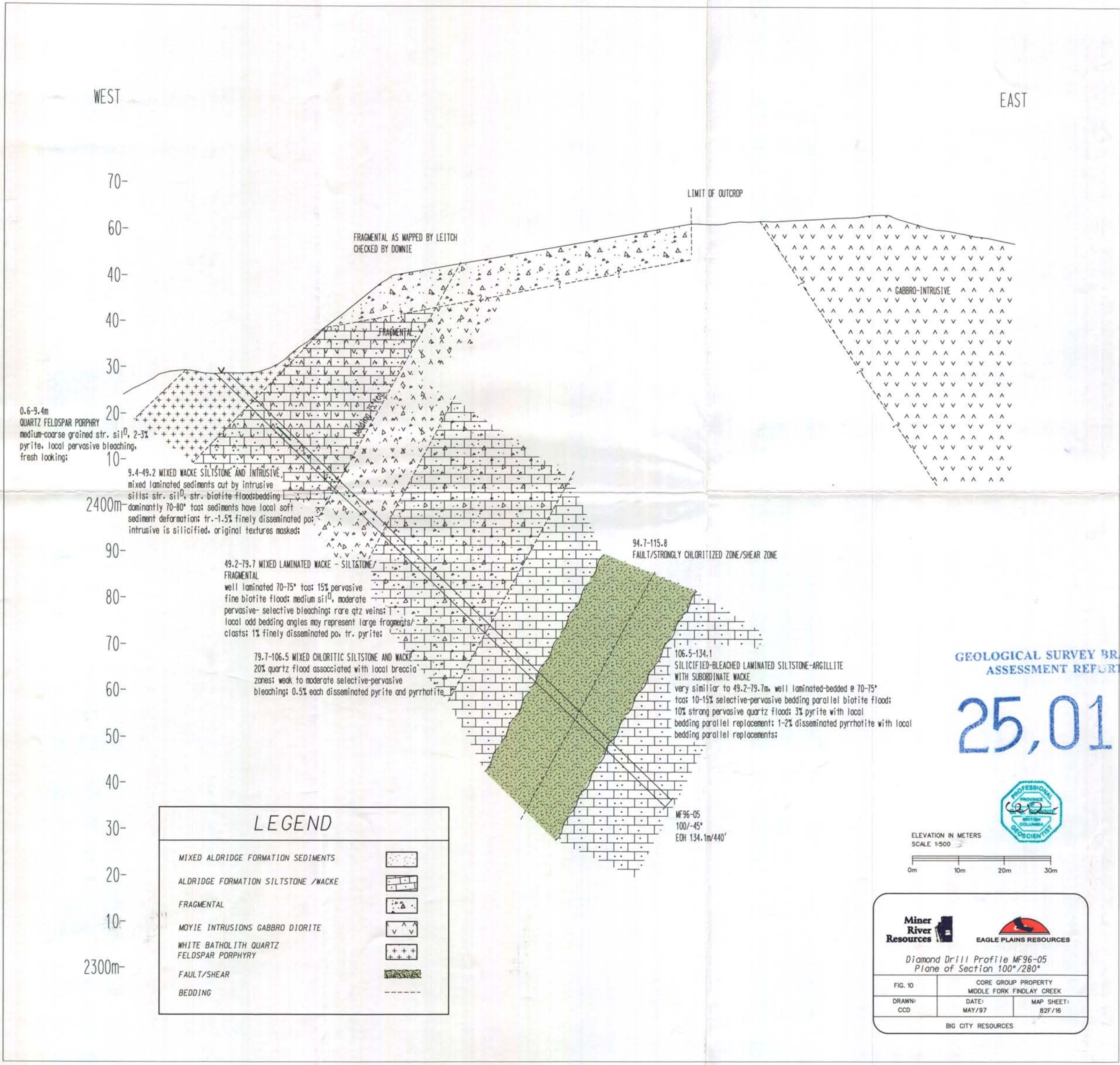
Miner River Resources

EAGLE PLAINS RESOURCES

Diamond Drill Profile MF96-04
Plane of Section 080°/260°

FIG. 9	CORE GROUP PROPERTY MIDDLE FORK FINDLAY CREEK	
DRAWN: CCD	DATE: MAY/97	MAP SHEET: 82F/16

BIG CITY RESOURCES


WEST
EAST
70-
60-
40-
40-
30-
20-
10-
2400m-
90-
80-
70-
60-
50-
40-
30-
20-
10-
2300m-
LIMIT OF OUTCROP
FRAGMENTAL AS MAPPED BY LEITCH
CHECKED BY DOWNIE
FRAGMENTAL
GABBRO-INTRUSIVE
bedding 75°tca
0.6-9.4m
QUARTZ FELDSPAR PORPHRY
medium-coarse grained str. silD, 2-3% pyrite, local pervasive bleaching, fresh looking;
9.4-49.2 MIXED WACKE SILTSTONE AND INTRUSIVE,
mixed laminated sediments cut by intrusive sills; str. silD, str. biotite flood;bedding dominantly 70-80° tca; sediments have local soft sediment deformation; tr.-1.5% finely disseminated po; intrusive is silicified, original textures masked;
49.2-79.7 MIXED LAMINATED WACKE - SILTSTONE/ FRAGMENTAL
well laminated 70-75° tca; 15% pervasive fine biotite flood; medium silD, moderate pervasive- selective bleaching; rare qtz veins; local odd bedding angles may represent large fragments/ clasts; 1% finely disseminated po, tr. pyrite;
79.7-106.5 MIXED CHLORITIC SILTSTONE AND WACKE
20% quartz flood associated with local breccia zones; weak to moderate selective-pervasive bleaching; 0.5% each disseminated pyrite and pyrrhotite
94.7-115.8
FAULT/STRONGLY CHLORITIZED ZONE/SHEAR ZONE
106.5-134.1
SILICIFIED-BLEACHED LAMINATED SILTSTONE-ARGILLITE WITH SUBORDINATE WACKE
very similiar to 49.2-79.7m, well laminated-bedded @ 70-75° tca; 10-15% selective-pervasive bedding parallel biotite flood; 10% strong pervasive quartz flood; 3% pyrite with local bedding parallel replacement; 1-2% disseminated pyrrhotite with local bedding parallel replacements;
MF96-05
100/-45°
EOH 134.1m/440'
LEGEND
MIXED ALDRIDGE FORMATION SEDIMENTS
ALDRIDGE FORMATION SILTSTONE /WACKE
FRAGMENTAL
MOYIE INTRUSIONS GABBRO DIORITE
WHITE BATHOLITH QUARTZ FELDSPAR PORPHYRY
FAULT/SHEAR
BEDDING
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
25,019
ELEVATION IN METERS
SCALE 1:500
0m
10m
20m
30m
Miner River Resources
EAGLE PLAINS RESOURCES
Diamond Drill Profile MF96-05
Plane of Section 100°/280°
FIG. 10
CORE GROUP PROPERTY
MIDDLE FORK FINDLAY CREEK
DRAWN: CCD
DATE: MAY/97
MAP SHEET: 82F/16
BIG CITY RESOURCES