KOKANEE EXPLORATIONS LTD.

ASSESSMENT REPORT ON DIAMOND DRILL HOLE L90-2

LEG PROPERTY

TAG CLAIM

FORT STEELE MINING DIVISION

CRESTON AREA

N.T.S. 82F/2E + 7E

LAT: 49°13.5'N

LONG: 116°33'W

OWNER

KOKANEE EXPLORATIONS LTD.

Suite 104, 135 - 10th Avenue South
Cranbrook, B.C.
V1C 2N1

Worked Performed from September 13, 1990 to September 24, 1990

Report by: L. Stephenson
Submitted: May, 1991

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KOKANEE EXPLORATIONS LTD.

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DIAMOND DRILLING REPORT ON HOLE L90-2

L. Stephenson May, 1991

1.00 Introduction

This report describes one diamond drill hole completed during the 1990 exploration program on the Legion Resources Ltd. claims in Southeastern British Columbia. The purpose of the exploration was to evaluate the sulphide zone located along Wilds Creek and to evaluate its down dip and along strike potential.

2.00 Claims

The property consist of ten 4-Post claims and twenty-nine 2-Post claims, totalling 180 units.

3.00 Location and Access

The mineral claims are located approximately 14 km north of the town of Creston, British Columbia in the Nelson Mining Division. The claims cover the western flank of a broad north-south ridge between Kootenay Lake to the west and Duck Creek to the east (on Map 82F/2E + 7E).

Access to the property is excellent. Highway 3A cuts the west side of the property and numerous logging roads transect.

4.00 Work History

The first recorded exploration activity in the area is reported in 1924 when the ground was staked as the Sarah claims. Showings in Wilds Creek were explored by two adits and some trenching. The mineralization occurred as disseminations, stringers and lenses in the limestone, grading from nearly barren material to ore containing 32% zinc. The silver values vary from a trace to 2 or 3 oz/ton. In the 1950's, Newmont Mining Corporation optioned the property and drilled 6 drill holes.
In 1961, claims were restaked and optioned to Sheep Creek Gold Mines Ltd. Sheep Creek drilled two holes to try and prove the zone to the southwest.

In 1963, the property was examined with geological mapping and sampling of trenches being carried out and a preliminary reserve estimate of 150,000 tons grading 6% zinc was estimated. In 1964, exploration extended the mineralization some 100m to the south of the main showing. The entire main zone was surface trenched and 5 drill holes completed by the end of 1965.

In 1968-70, a VLF-EM and two magnetic surveys were completed over the main showing. In 1977, Cominco staked the ground north and south of the Liz claims and, in 1978, completed a soil survey along Wilds Creek.

In 1982, limited geochemical sampling was completed by Aspen Grove Mines. In 1984, a further soil sampling was undertaken on the claims.

In 1988, an extensive program of line-cutting, geochemistry, induced polarization and geological mapping was carried out.

In 1989, a program to fill in missing information, soil geochem, geophysics surveying and testing the main zones was commenced.

5.00 Regional Geology

The regional geology surrounding the claim group was mapped by H.M.A. Rice in 1941 and described in G.S.C. Memoir 22. The claim area is underlain by various units within the late Precambrian Purcell Supergroup. The Purcell Supergroup has been subdivided by a major unconformity into an upper unit consisting of the Dutch Creek and Mt. Nelson Formations and a lower unit consisting of the Aldridge, Creston and Kitchener-Siyeh Formations.

Intruding the Purcell Supergroup in the claim area is the discordant post-tectonic Bayonne Batholith. The composition varies from a granite to a granodiorite. The intrusion has been dated (K-Ar) at 100 m.y. (Hoy et al. 1981).

5.10 Local Geology

The local geology of the claim area was mapped as a northeasterly-trending succession of sediments (limestone, dolomitized limestone), greenstones and schists. Younger granites and granodiorites are found to the northwest. Bedding attitudes on the property strike generally at about 035 degrees and dip at about 80 degrees to the southeast.

The rocks on the property consist of a quartzite, a dolomitized limestone, a phyllite and fissile shale (Dutch Creek?).

While structure is difficult to determine due to lack of outcrop, there appears to be a slightly overturned anticline striking NNE with both limbs dipping easterly.

6.00 1990 Drilling Program

Kokanee focused its exploration program on developing the strike and depth extent of the main zone. Five diamond drill holes were completed.

6.10 Drill Hole L90-2

Diamond drill hole L90-2, totalling 318m, was completed on the property during September, 1990. This hole was designed to test the zone encountered in previous drilling.

The hole collared in micaceous limestone sediments which were dolomitic to argillaceous with some interbedded phyllites. An extremely porous limestone and an intraformational conglomerate (with angular clasts and some quartz and quartz veins - remnant "karst"?) were found within this upper limestone section. The drill hole intersected thin to medium bedded quartzites in the vicinity of the projected extension of the mineralized zones and below the rock types resembled the phyllitic siltites seen previously.

Two zones of elevated base metal values were intersected at 162.1m - 172.2m and 201.0m - 212.0m pyritiferrous zones.

The upper zone was associated with phyllitic siltites while the lower zone with up to 30% pyrite was associated with medium to thick bedded quartzite unit.

Below the lower zone, the phyllitic to argillaceous siltite exhibited more metamorphism (hornfels) with depth with some minor calc-silicate and silicified zones, andesite sills and pegmatitic sediments.

7.00 Conclusions and Recommendations

Kokanee has confirmed the presence of stratiform to stratabound base metal mineralization associated with carbonaceous siltites, argillaceous limestones and quartzites.

The results to date have only tested a 400 - 600 metre stretch of the strike length of the zone of mineralization. It remains open along strike and at depth.

With the encouraging results to date, it is recommended that exploration be continued.

Report by:

L. Stephenson, B.Sc., M.B.A.
P. Eng.

EXHIBIT "A"

STATEMENT OF EXPENDITURES

DIAMOND DRILLING PROGRAM
(Drill hole L90-2)

ON TAG CLAIM
NELSON M.D.

Covering the period of September 13th to September 24th, 1990

INDIRECT

SALARIES:

D. Meeks - Geologist - Site preparation/Supervision/ Core logging 12 days @ $250/day	$ 3,000.00
L. Stephenson - P.Eng. - Report writing/ Interpretation 2 days @ $400/day	800.00
DOMICILE: Hotel + meals - 1 man for 8 days @ $60/day	4,800.00
TRANSPORTATION: 1 - 4X4 truck; 8 days @ $50/day	400.00

DIRECT

Connor's Drilling Ltd. 2007 West Trans Canada Highway, Kamloops, B.C.	31,755.26
TOTAL INDIRECT AND DIRECT =	$ 40,755.26

LAURENCE STEPHENSON
B.Sc., M.B.A., P.Eng.

IN THE MATTER OF THE

B.C. MINERAL ACT

AND

IN THE MATTER OF A DIAMOND DRILLING PROGRAM

CARRIED OUT ON THE LEG PROPERTY

CRESTON AREA

in the Nelson Mining Division of
the Province of British Columbia

More Particularily N.T.S. 82F/2E+7E

A F F I D A V I T

I, L. Stephenson, of the City of Cranbrook, in the Province of British Columbia, make oath and say:

1. That I am employed as a Geologist by Kokanee Explorations Ltd. and as such have a personal knowledge of the facts to which I hereinafter depose:

2. That annexed hereto and marked as Exhibit "A" to this my Affidavit is a true copy of expenditures incurred on a diamond drilling program, on the Leg-Tag mineral claims;

3. That the said expenditures were incurred between the 13th day of September, 1990 and the 24th day of September, 1990 for the purpose of mineral exploration.

LAURENCE STEPHENSON
B.Sc.,M.B.A.,P.Eng.

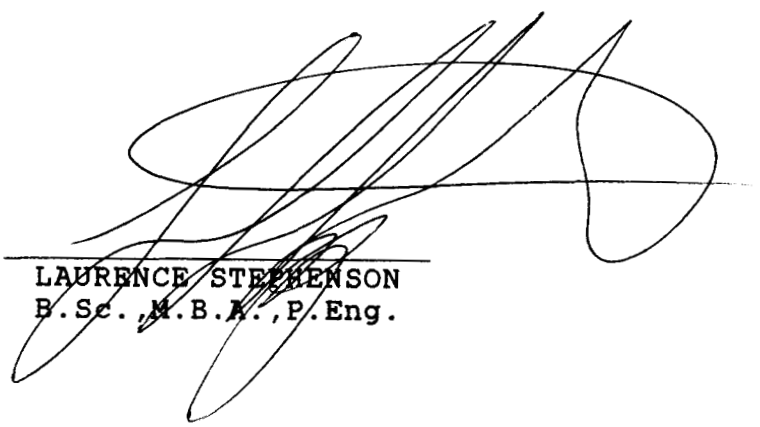
AUTHOR'S QUALIFICATIONS

I, Laurence Stephenson, of the City of Cranbrook, in the Province of British Columbia, do hereby certify that:

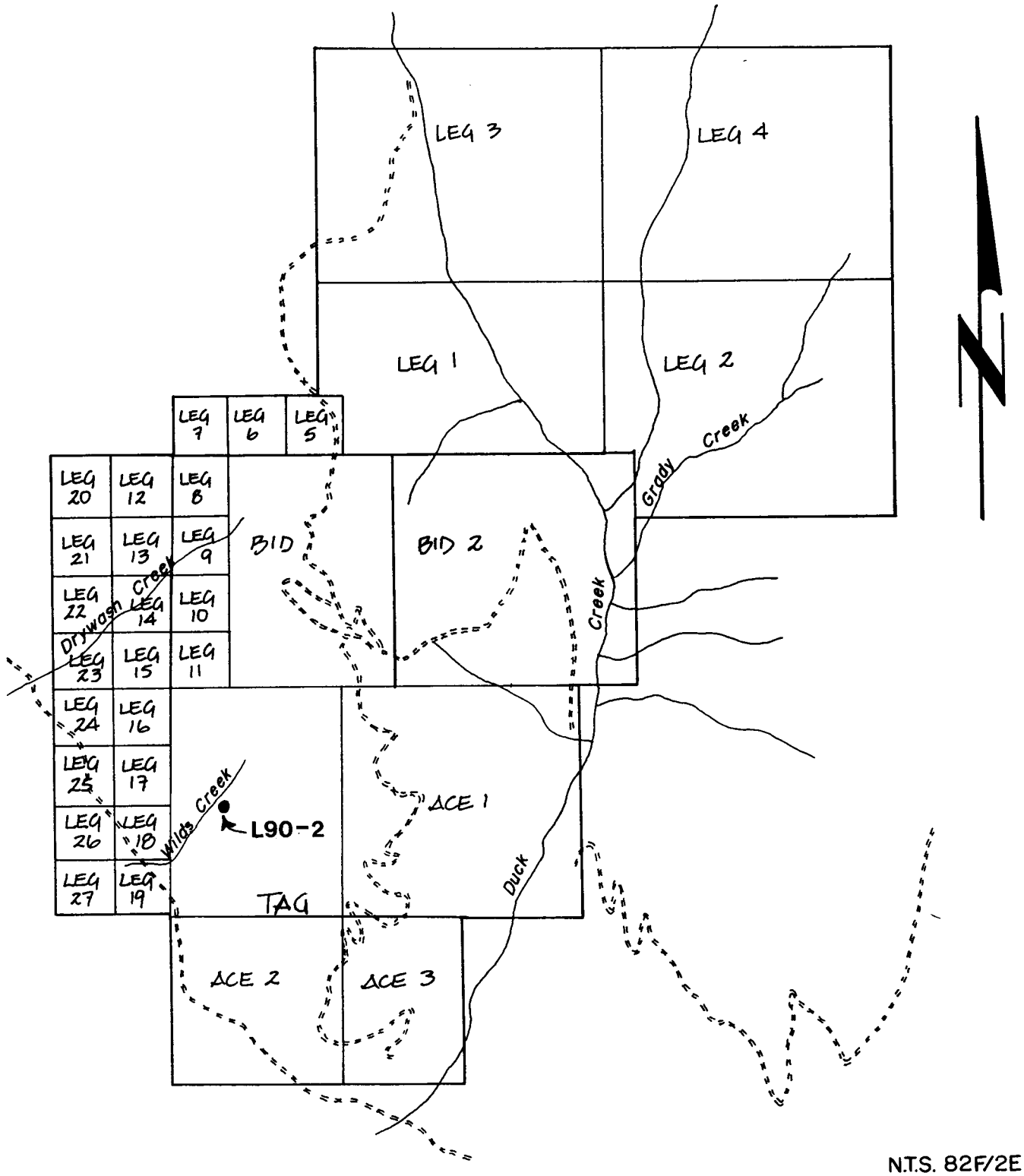
1. I graduated from Carleton University in 1975 with a Bachelor of Science degree in Geology then, in 1985, graduated from York University with a Masters of Business Administration;

2. I am registered as a Professional Engineer for the Province of Ontario (1981) and currently a member in good standing;

3. I have had over 24 years experience in the field of mining exploration.



LAURENCE STEPHENSON
B.Sc., M.B.A., P.Eng.



N.T.S. 82F/2E & 7E

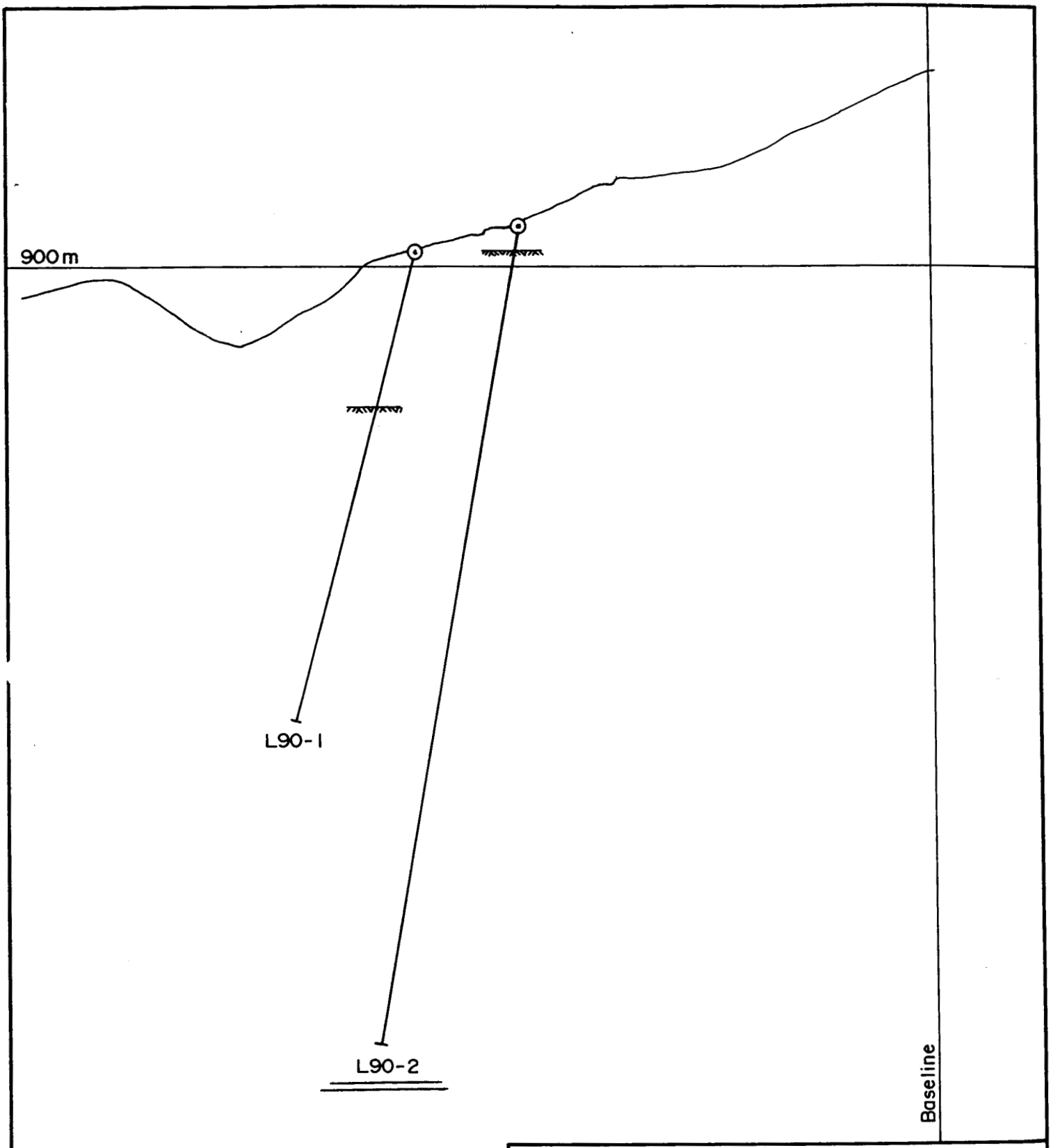
● Drillhole Location

KOKANEE EXPLORATION LTD.

LEG PROPERTY

CLAIM & DRILLHOLE (L90-2) LOCATION MAP

Scale:	Date:
1:50000	May/91



KOKANEE EXPLORATIONS LTD.

LEG PROPERTY

Section 2050 N

Scale: 1:2000

Date: JAN. 1991

DRILL LOG

&

ASSAYS

KOKANEE EXPLORATIONS LTD.

DRILL HOLE RECORD

Name of Property: Leg | Corr. Dip: | Remarks:

Hole No: L90-2 | Length: 318.0 meters

Location: Tag Claim | Start Date: Sept. 13/90 | Finish Date: Sept. 20/90

Elevation: | Azimuth: | Collar Dip:

Core Size: NQ | Tests at: 61.0, 152.5, 244.0 + 318.0 m | Logged by: D. Meeks | Date:

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
0.0	6.7	Overburden								
6.7	7.5	Grey and tan micaceous dolomitic limestone appears to be well foliated but poorly lineated. Locally contains some isolated crystalline textures contains disseminated pyrite throughout as well as limonite after pyrite.	2701	7.10	7.20	5	0	0.005	0.005	20
7.5	14.1	Finely foliated tan to medium brown pyritic argillaceous limestone abundant fractures filled with calcite run at 22^0 to core and at 58^0 to core. The foliations which may have been bedding planes at some time cut the core at 38^0. Some of the fractures are rimmed with limonite pseudomorphic after pyrite.	2702	8.40	8.60	5	0	0.005	0.005	8
			2703	9.60	9.80	5	0	0.005	0.005	7
			2704	10.80	11.00	5	0	0.005	0.005	9
			2705	12.60	12.70	5	0	0.005	0.005	10
			2706	13.20	13.30	5	0	0.005	0.005	9
			2707	13.70	13.90	5	0	0.005	0.005	1

KOKANEE EXPLORATIONS LTD.
DRILL HOLE RECORD

Property: Legion Hole No.: L-90-2 Location: Tag Claim

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
14.1	24.3	Medium to finely foliated light grey, tan, medium brown argillaceous limestone; similar in character to interval 7.5 - 14.1m in most respects except colour. This is largely a result of a decrease in iron content. This unit on average is not as finely foliated as above. The thicker more limy units contain a dark green mineral possibly chloritoid. Pyrite is still disseminated throughout.	2708	14.90	15.10	5	0	0.005	0.005	1
			2709	16.20	16.30	5	0	0.005	0.005	1
			2710	16.90	17.00	5	0	0.005	0.005	1
			2711	18.30	18.40	5	0	0.005	0.005	1
			2712	19.10	19.20	5	0	0.005	0.005	3
			2713	20.10	20.20	10	0	0.005	0.005	1
			2714	21.60	21.80	5	0	0.005	0.01	11
			2715	22.50	22.60	20	0	0.005	0.005	3
			2716	24.00	24.10	5	0	0.005	0.005	5
24.3	25.5	Limestone; finely foliated medium to dark brown grey limestone.	2717	25.20	25.30	5	0	0.005	0.01	10
25.5	40.5	Porous Limestone Unit; grading from minor porosity, which makes washing the core easy, to extremely porous friable white limestone which is difficult to clean. This unit may make a good marker if it proves continuous. Partings along fractures are rusty, as is the core, except where it has been washed. Fractures also contain a black massive mineral, possibly goethite (non magnetic). There are also occasional quartz crystals present. Overall the unit becomes more competent toward the end of the section. A crumbled zone starts at 40.1m and ends at 40.5m. Zone contains some green phyllitic argillaceous material. Zone could be a shear zone.	2718	25.70	25.90	10	0	0.005	0.03	2
			2719	26.80	26.90	5	0	0.005	0.02	1
			2720	28.20	28.40	5	0	0.005	0.06	2
			2721	29.50	29.70	5	0	0.01	0.03	4
			2722	31.00	31.20	5	0	0.01	0.03	3
			2723	31.80	32.00	5	0	0.01	0.01	2
			2724	33.10	33.30	10	0	0.01	0.01	3
			2725	33.90	34.10	10	0	0.01	0.01	5
			2726	36.30	36.50	15	0	0.01	0.01	5
			2727	37.60	37.80	20	0	0.02	0.005	3
			2728	38.10	38.30	20	0	0.02	0.01	3

Property: Legion Hole No.: L-90-2 Location: Tag Claim

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
40.5	45.1	Green, Mauve and Grey Phyllites Interbedded with Argillaceous Porous Limestone; fractures have rusty partings and contain abundant disseminated limonite pseudomorphs of euhedral pyrite. The mauve and grey green phyllites are more competent as was observed in L90-1.	2729	40.50	40.70	5	0	0.01	0.08	11
			2730	42.20	42.40	10	0	0.005	0.01	5
			2731	43.70	43.90	5	0	0.005	0.005	1
45.1	46.3	Limestone; vuggy with occasional wispy structures. Rust weathering on fractured surfaces. Limonite pseudomorphs after euhedral pyrite.	2732	45.50	45.70	5	0	0.005	0.005	1
46.3	55.9	Phyllitic Limestones; light grey to grey green with interbeds of green and mauve phyllitic siltites. The unit overall becomes less limy toward the bottom of the section. Fine grained pyrite is present throughout as are pyrite casts.	2733	46.70	46.90	10	0	0.005	0.005	1
			2734	48.80	49.00	5	0	0.005	0.01	1
			2735	49.90	50.10	5	0	0.005	0.005	1
			2736	51.60	51.80	5	0	0.005	0.01	1
			2737	52.20	52.30	10	0	0.005	0.01	3
			2738	53.40	53.50	5	0	0.005	0.005	2
55.9	57.7	Mauve and Dark Green Phyllite; a small section from 56.7 - 56.9m is finely banded with (chopped up) boudinaged green bands of phyllite floating in a less resistant matrix of mauve phyllite - possible marker? Fractured surfaces weather rusty. Pyrite is common.	2739	56.00	56.10	5	0	0.005	0.01	42
			2740	55.90	56.10	5	0	0.005	0.01	47

KOKANEE EXPLORATIONS LTD.
DRILL HOLE RECORD

Property: Legion Hole No.: L-90-2 Location: Tag Claim

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
57.7	80.8	Porous Limestone Chalk Unit; very soft and friable. Clean surface is white but often contains yellow reddish mud or fires. Vigorous scrubbing of the core results in erosion of the surface being washed. The upper section is a transition zone with the last competent green phyllitic material occurring at 64.3m. The limy units are extremely vuggy. As can be expected with such friable rock the core exhibits evidence of grinding. Clean partings occur at a core angle of 41°. Quartz crystals are scattered throughout the interval. Remnants of fine grained pyrite are also present. Wispy, swirly, textures are common. Occasional more rusty weathering sections occur at 70.2m, 72.3m and 76.8m. An interbed of green phyllitic material occurs at 70.8 to 71.0m.	2741	58.80	59.00	10	0	0.005	0.005	8
			2742	61.60	61.80	5	0	0.01	0.02	7
			2743	62.50	62.70	5	0	0.01	0.01	3
			2744	64.50	64.70	5	0	0.01	0.09	9
			2745	65.40	65.60	5	0	0.005	0.01	1
			2746	66.40	66.60	5	0	0.005	0.01	2
			2747	67.30	67.50	15	0	0.005	0.01	3
			2748	68.30	68.40	5	0	0.005	0.01	4
			2749	69.30	69.50	5	0	0.005	0.01	3
			2750	71.20	71.40	55	0	0.005	0.01	12
			2751	72.00	72.20	15	0	0.005	0.01	7
			2752	73.00	73.20	5	0	0.005	0.01	7
			2753	74.70	74.90	5	0	0.01	0.03	25
			2754	75.20	75.30	15	0	0.005	0.02	8
			2755	76.70	76.90	5	0	0.005	0.01	8
			2756	79.40	79.60	20	0	0.01	0.01	4
80.8	92.4	Silty Argillaceous Limestone; silty argillaceous sections vary in colour from light green mat grey to dark grey and grey green. Buff colour layers are common and appear to have associated rusty pyrite. Some sections are foliated but not well lineated.								
92.4	95.0	Black Phyllitic Argillite Unit; very satiny lustre. As is common with phyllites on the dry surface the lustre is still evident but								

Property: Legion Hole No.: L-90-2 Location: Tag Claim

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
		could be mistaken for grey colour. On the wet surface, the rock appears to alternate between black and medium grey. The unit also contains small veinlets of pyrite as well as veinlets of ochre after pyrite? Approximately 30% core loss.								
95.0	-105.2	Phyllitic Siltites; green-grey and mauve banding. Well foliated sections occur throughout. Core angles are inconsistent indicating coring problems. 50% or more core loss. Minor pyrite throughout.								
105.2	- 109.6	Intra Formational Conglomerate; consists of angular clasts of black and green argillaceous material, white quartz crystals and brown angular laminated clasts that appear to have been very pyritic at one time. A rough grading appears to take place with larger clasts occurring as depth increases. The "conglomerate" is cemented by calcareous cement.								
109.6	- 116.1	Intra Formational Conglomerate Unit "B"; similar to unit above but contains much larger clasts. Clasts do not appear to be as altered as the upper unit but this may be a result of the lithologies being more resistant. The matrix changes from a green dirty calcareous cement. The unit is cut								

Property: Legion Hole No.: L-90-2 Location: Tag Claim

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
		by several quartz veins primarily at the end of the section. The quartz veins cut the core at 64°.								
116.1	117.4	Quartzite; grey, mauve-grey, banded, medium grained. Core is badly broken and has caved rock from above. Poor core recovery.								
117.4	122.0	Argillaceous Limestone; grey-green, blue-grey, in part finely foliated argillaceous limestone. This sequence contains numerous crushed zones. Which contain quartz clasts and country rock in a calcareous mud matrix. Poor core recovery.								
122.0	126.0	Phyllitic Siltite; mauve and green-grey banded phyllitic siltite. As above, this sequence contains numerous crushed zones. Occasional pyrite veinlets (<3.0mm thick) are observed as are minute disseminated grains. Some of the bands are kinked and show small chevron-shaped folds. Core recovery is poor, core is badly broken.								
126.0	129.7	Limestone; light green-grey foliated. Some parts of the sequence are finely foliated. As with previous sequences, crushed zones occur in numerous intervals and contain clasts of country rock in a sandy, sometimes								

Property: Legion Hole No.: L-90-2 Location: Tag Claim

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
		calcareous matrix. The crushed zones are poorly cemented and can be broken by hand.								
133.6	141.0	Black Phyllitic Argillite; cut surfaces show a satiny sheen. Extremely fine foliations, possibly fine bedding at one time. Occasional interbeds of grey-green limestone up to 20.0cm occur at the top and the bottom of the sequence. Rare grains of pyrite, up to 2.0mm, across are scattered throughout. Very fine grains of pyrite are disseminated throughout.								
133.6	141.0	Argillaceous Limestone; light green to blue grey. May be similar to 61.0 - 64.0m in L90-1. Note this sequence contains a crushed zone from 134.2 - 138.7m. Core loss for this sequence is about 40%. Competent sequences in this section are fine to medium foliated and contain disseminated pyrite throughout. Pyrite content increases slightly with depth.								
141.0	143.9	Phyllitic Siltite; light green and mauve banded. Bands are discontinuous and exhibit boudinaged and crenulated textures.								

Property: Legion Hole No.: L-90-2 Location: Tag Claim

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
143.9	144.5	Quartzite: grey, grey-green, fine grained to massive. This unit contains some dark bands as well. Unit is thin to medium bedded.								
144.5	153.8	Argillaceous Limestone: light grey, blue-grey, green-grey coloured with fine black foliations. Thicker beds up to 6.0cm occur throughout. Very crystalline sections are common and often coloured green-grey or blue-grey. Pyrite is disseminated throughout. Some green-yellow sphalerite near end of section.	2554	150.5	151.5	5	0	0.005	0.04	10
			2555	151.5	152.8	5	0	0.005	0.01	34
			2556	152.8	153.8	10	0	0.005	0.15	30
153.8	154.3	Pegmatite Zone with Large Crystals of Orthoclase Feldspar; pyrite, zinc and altered green siltite, probably green because of chlorite.	2557	153.8	154.3	5	0	0.005	0.01	11
154.3	155.6	Phyllitic Siltite; mauve, green and grey.	2558	154.3	155.3	5	0	0.005	0.01	32
155.6	156.4	Quartz Vein Zone; with irregular and regular contacts with green and mauve phyllitic siltite. Minor pyrite.								
156.4	184.7	Phyllitic Siltites; blue grey green and mauve phyllitic siltites, very thinly foliated occasional lenses of biotite and pyrite. Possible wispy bands of yellowy-green sphalerite and pyrite. Examples - 168.2m, 168.9m. Foliations sometimes crenulated	2559	159.8	160.8	5	0	0.005	0.03	21
			2560	160.8	162.1	5	0	0.005	0.01	25
			2561	162.1	163.2	5	0	0.005	0.12	25
			2562	163.2	164.2	5	0	0.005	0.03	19
			2563	164.2	165.2	5	0	0.005	0.05	22
			2564	166.8	167.8	5	0	0.005	0.06	23

Property: Legion Hole No.: L-90-2 Location: Tag Claim

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
		and boudinaged. Angles to core are typically 38^0 but vary throughout the section and sometimes parallel the core. Some sections of the unit are silicified and do not scratch readily.	2565	167.8	169.2	5	0	0.005	0.17	21
			2566	169.2	170.2	15	0	0.005	0.01	16
			2567	170.2	171.2	5	0	0.005	0.05	39
			2568	171.2	172.2	5	0	0.005	0.05	15
184.7	189.8	Andesite Dike? Sill?; dark grey with white sub angular phenocrysts. Phenocrysts may be amygdules filled with white zeolites. The structure is cut by minor quartz veins. There is also an abundance of yellow green alteration mineral quasi sphalerite. Contact angle with the native rock is sub parallel to bedding at 28^0 (bottom contact).	2569	188.8	189.8	5	0	0.005	0.01	20
189.8	192.2	MAGNET ARGILLITE MARKER (M.A.M.); black magnetic, pyritic argillite with abundant yellow-green quasi sphalerite mineral.	2570	189.8	191.0	5	0	0.005	0.01	156
			2571	191.0	192.0	5	0	0.005	0.005	13
192.2	201.0	Silicified Phyllitic Siltite; green, mauve and grey, well foliated. Some quartz eyes develop from 194.8 - 201.0 along with pink feldspar? In places the core is quite pyritic. Crenulated foliations are common. Some of the foliations run at odd angles to the core possibly indicating localized folds.	2572	192.0	193.0	5	0	0.005	0.005	27
			2573	193.0	194.0	5	0	0.005	0.005	30
			2574	194.0	195.0	5	0	0.005	0.005	27
			2575	195.0	196.0	5	0	0.005	0.005	11
			2576	196.0	197.0	5	1	0.005	0.005	325
			2577	197.0	198.0	5	0	0.005	0.005	55
			2578	198.0	199.0	10	1	0.005	0.005	54
			2579	199.0	200.0	15	1	0.005	0.005	36
			2580	200.0	201.0	5	1	0.005	0.02	22

Property: Legion Hole No.: L-90-2 Location: Tag Claim

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
201.0	212.0	Quartzite; grey, green-grey, medium grained, medium to thick bedded quartzite. The upper 2/3 of the unit is very pyritic (up to 30% pyrite). The pyrite occurs in wispy bands and lenses. The bottom 1/3 of the unit is much less pyritic decreasing to <3% pyrite at its contact with the next unit.	2581	201.0	202.0	10	7	0.01	0.09	58
			2582	202.0	203.0	5	8	0.01	0.03	86
			2583	203.0	204.0	5	8	0.01	0.06	89
			2584	204.0	205.0	40	3	0.005	0.03	39
			2585	205.0	206.0	5	3	0.005	0.02	34
			2586	206.0	207.0	5	2	0.005	0.01	102
			2587	207.0	208.0	5	5	0.01	0.06	40
			2588	208.0	209.0	5	11	0.03	0.10	53
212.0	224.0	Phyllitic Siltite; mauve, green, green-grey, finely foliated. Many of the foliations are crenulated and run parallel to the core. Fine disseminated pyrite throughout <3% pyrite by volume.	2589	209.0	210.0	5	7	0.01	0.07	71
			2590	210.0	211.0	5	2	0.01	0.01	22
			2591	211.0	212.0	5	0	0.005	0.005	20
			2592	212.0	213.0	5	0	0.005	0.005	6
			2593	213.0	214.5	5	0	0.005	0.005	5
			2594	214.5	215.5	15	0	0.005	0.005	9
224.0	226.2	Phyllitic Siltite; green silicified finely foliated with occasional thicker units of phyllitic siltites. Pyritic bands are more common with this unit than the unit above it.	2595	224.0	224.8	5	0	0.005	0.005	23
226.2	230.8	Silicified Siltite; green-grey, grey, mauve silicified siltite. Finely foliated, some foliations are crenulated and run near parallel to the core. Occasional pegmatic quartz veins and occasional bands of pyrite.	2596	226.0	227.6	5	0	0.005	0.005	34
230.8	232.1	Siltite; phyllitic green, blue-grey, mauve pegmatic siltite. Abundant pyrite quartz and green mineral (quasi-sphalerite) as well as dark green chlorite, brown sphalerite.	2597	230.8	232.1	5	0	0.005	0.005	47

Property: Legion Hole No.: L-90-2 Location: Tag Claim

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
232.1	- 236.2	Argillaceous Siltite; grey-green, thinly bedded argillaceous siltite. Occasional thinly foliated mauve bands. Disseminated euhedral pyrite scattered in patches throughout.								
236.2	- 241.0	Siltite; phyllitic green-grey and mauve siltite. Occasional blobs of crystalline pyrite. Minor disseminated pyrite throughout.								
236.2	-241.0	Siltite; phyllitic green-grey and mauve siltite. Occasional blobs of crystalline pyrite. Minor disseminated pyrite throughout.								
241.0	-242.1	Argillaceous Siltite; grey, finely laminated argillaceous siltite, limy in part. Small sections of crackle breccia. Minor disseminated pyrite throughout.								
242.1	- 254.3	Phyllitic Siltites; grey, green, mauve phyllitic siltites. Occasional blobs of crystalline pyrite as well as scattered grains of euhedral pyrite. Occasional quartz eyes surrounded by green pseudo-sphalerite mineral and pyrite - example at 252.8m, 252.0m, 249.8m.	2598	250.4	251.9	15	0	0.005	0.005	15

Property: Legion Hole No.: L-90-2 Location: Tag Claim

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
254.3	256.5	Green, Pink, Calcareous Silicate - Actinolite - Tremolite Quartz and Pink Feldspar; disseminated pyrite and blobs of pyrite. Some veinlets of Iron ochre. Green pseudo-sphalerite, red sphalerite.	2599	254.3	255.4	5	0	0.005	0.005	22
			2600	255.4	256.5	5	0	0.005	0.005	8
256.0	258.4	Phyllitic Siltite; green, blue-green, occasional mauve. In part silicified.								
258.4	258.8	Andesite Sill; contact follows direction of foliation. Porphyritic texture, disseminated pyrite throughout.								
258.8	281.0	Green and Mauve Hornfels; occasional pegmatitic sections as well as occasional pyritic sections. Foliations run in all directions including parallel to core. The most common angle is 30^0. Ochre staining on fracture surfaces.	2601	262.20	263.00	15	0	0.005	0.005	21
			2602	256.60	266.50	10	0	0.005	0.005	26
			2603	279.00	280.00	10	0	0.005	0.005	13
281.0	282.0	Silicified Siltite; light green grey. Distorted foliations as in the previous section. The layers are broken but not displaced large distances. The impression is that of a crackle breccia.								
282.0	286.5	Silicified Hornfels; light green grey. Well foliated. Foliations are crenulated and boudinaged foliations cut the core at various angles. Scattered quartz veining at								

Property: Legion Hole No.: L-90-2 Location: Tag Claim

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
		various angles. Rock is extremely chloritic and has some chloritic slickensides.								
286.5	290.6	Grey limestone and green dolomitic limestone interspersed with green and mauve banded hornfels.	2604	286.50	287.70	15	0	0.005	0.005	6
			2605	287.70	288.70	10	0	0.005	0.005	6
			2606	288.70	289.70	15	0	0.005	0.005	9
290.6	293.9	Pyritic Hornfels; blue-grey, green, mauve, pyritic hornfels. Well foliated. Foliations are crenulated and boudinaged. Apple green pseudo-sphalerite at 292.9m.	2607	290.60	291.80	15	0	0.005	0.005	14
			2608	291.80	293.20	20	0	0.005	0.005	24
293.9	296.3	Black Magnetic Argillite; with blobs of pyrite and disseminated and bedded pyrite as well a abundant green pseudo-sphalerite. Abundant yellow sphalerite occurs from 295.8 - 296.3m.	2609	293.90	294.90	10	0	0.005	0.01	58
			2610	294.90	295.80	7	0	0.005	0.01	82
			2611	295.80	296.30	5	0	0.005	0.01	55
296.3	304.3	Green, Mauve, Chloritic, Siliceous Hornfels; some sections are pegmatitic- example 302.1m and pyritic- example 302.1m. Occasional thin limy beds. Well foliated with foliations running at various angles to the core.	2612	296.30	297.20	5	0	0.005	0.005	12
			2613	301.80	302.60	5	0	0.005	0.005	39
304.3	-307.5	Siltite; green and pink. Well foliated, in part silicified, in part argillaceous. Very infrequent mauve bands. Quartz vein from 307.2 - 307.5m contact with host rock is very irregular. In part the lower contacts give a sense of tension gash filling?								

KOKANEE EXPLORATIONS LTD.
DRILL HOLE RECORD

Property: Legion Hole No.: L-90-2 Location: Tag Claim

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
307.5	309.8	Mauve, Finely Foliated Silicified Siltite; foliations are crenulated and run at various angles to the core.	2614	308.00	309.00	2	0	0.005	0.005	42
			2615	309.00	310.00	1	0	0.005	0.005	8
309.8	314.5	Siltite; green and grey-green quartzite with interbeds of mauve and green silicified, finely foliated, siltite. Possible bands of yellow and white sphalerite - example 310.5m, 311.3m, 310.1m. NOTE: Abundant quartz veins at various contact angles, widths up to 30.0cm.	2616	310.00	311.00	2	0	0.005	0.005	12
			2617	311.00	312.20	4	0	0.005	0.005	25
			2618	312.20	313.20	3	0	0.005	0.005	22
			2619	313.20	313.70	3	0	0.005	0.005	8
			2620	313.70	314.90	1	0	0.005	0.005	12
314.5	318.0	Mauve, Green, Silicified, Finely Foliated Hornfels with abundant quartz veining throughout. Possible yellow sphalerite in bands at 315.4m, 315.9m.	2621	314.90	315.90	1	0	0.005	0.005	3
			2622	315.90	317.00	1	0	0.005	0.005	6
			2623	317.00	318.00	6	0	0.005	0.005	9
318.0 meters		END OF HOLE								

CORE STORED IN RACKS AT VINE PROPERTY

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

KOKANEE EXPLORATIONS LTD. - ETK 90-643

104 - 135 10th AVE. SOUTH
CRANBROOK, B.C.
V1C 2N1

OCTOBER 2, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

L90-2

44 CORE SAMPLES RECEIVED SEPTEMBER 28, 1990

ET#	DESCRIPTIONS	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
643 -	1 02 554	5	<.2	1.45	<5	<2	26	<5	8.81	1	4	21	10	2.27	1.59	<10	3.42	2809	3	<.01	4	221	6	5	<20	<1	.06	78	17	21	8	373
643 -	2 02 555	5	<.2	.98	<5	<2	43	6	9.00	1	4	14	34	2.23	1.03	<10	3.30	2957	1	<.01	2	202	3	7	<20	<1	.05	35	15	<10	4	145
643 -	3 02 556	10	<.2	1.36	<5	<2	126	5	8.33	6	5	18	30	2.05	1.37	<10	3.24	3107	1	<.01	3	183	9	5	<20	<1	.06	32	10	25	7	1476
643 -	4 02 557	<5	<.2	.28	<5	<2	73	<5	3.91	<1	6	44	11	1.76	.14	<10	.55	1029	24	<.01	6	543	6	<5	<20	<1	.03	34	3	<10	3	70
643 -	5 02 558	<5	<.2	1.06	<5	<2	54	26	1.90	<1	24	42	32	3.85	.59	17	1.26	929	4	<.1	12	787	7	<5	<20	<1	.09	24	23	18	17	52
643 -	6 02 559	5	<.2	.88	<5	<2	82	<5	1.16	1	7	23	21	1.53	.45	<10	1.08	500	2	<.01	6	306	14	<5	<20	<1	.09	17	9	<10	7	291
643 -	7 02 560	5	<.2	.59	5	<2	<5	<5	1.46	<1	5	35	25	1.32	.26	<10	.85	459	5	<.01	8	264	28	<5	<20	<1	.08	<10	8	35	8	132
643 -	8 02 561	5	<.2	.83	6	3	27	<5	.87	5	14	50	25	2.01	.43	10	.82	427	3	<.01	12	269	21	<5	<20	<1	.09	14	12	31	7	1191
643 -	9 02 562	5	<.2	.56	9	2	8	<5	1.00	1	5	42	19	1.41	.23	<10	.67	430	3	<.01	8	315	12	<5	<20	<1	.08	25	7	<10	6	273
643 -	10 02 563	<5	<.2	.40	<5	2	9	<5	1.06	2	4	41	22	.98	.14	<10	.53	353	3	<.01	7	313	7	<5	<20	<1	.07	30	5	16	7	516
643 -	11 02 564	5	<.2	.73	5	2	0	<5	1.04	2	4	44	23	1.05	.35	<10	.94	503	3	<.01	6	286	14	<5	<20	<1	.09	13	11	28	8	579
643 -	12 02 565	<5	<.2	.93	10	3	13	<5	.89	7	10	47	21	2.06	.60	<10	1.09	469	3	<.01	11	285	17	<5	<20	<1	.10	<10	15	32	7	1710
643 -	13 02 566	15	<.2	.79	5	<2	13	<5	.84	<1	6	36	16	1.39	.47	<10	.97	370	4	<.01	9	292	7	<5	<20	<1	.10	24	11	<10	7	148
643 -	14 02 567	5	<.2	.76	6	<2	10	<5	1.18	2	9	37	39	1.48	.42	<10	1.15	442	9	<.01	8	239	8	<5	<20	<1	.09	26	8	21	7	498
643 -	15 02 568	5	<.2	.74	5	<2	22	<5	1.11	2	5	44	15	.91	.43	<10	1.03	421	6	<.01	5	262	7	<5	<20	<1	.11	20	8	16	10	462
643 -	16 02 569	5	<.2	1.56	5	<2	257	9	1.12	<1	11	44	20	3.60	.86	12	1.08	554	2	.04	0	1679	22	<5	<20	85	.19	<10	55	37	8	113
643 -	17 02 570	<5	<.2	1.61	<5	<2	54	<5	.83	<1	27	33	156	4.46	1.35	21	1.63	495	<1	.02	20	728	9	<5	<20	10	.28	<10	156	<10	1	101
643 -	18 02 571	<5	<.2	1.46	<5	<2	36	<5	.49	<1	6	42	13	1.38	.93	<10	1.16	469	1	<.01	5	206	10	<5	<20	6	.13	<10	21	<10	2	29
643 -	19 02 572	5	<.2	1.03	6	<2	<5	6	1.25	<1	7	57	27	1.97	.47	<10	1.14	577	3	<.01	7	391	10	<5	<20	6	.11	<10	20	43	9	32
643 -	20 02 573	<5	<.2	.89	5	2	15	<5	.80	<1	5	68	30	1.13	.48	<10	.86	489	6	<.01	6	253	8	<5	<20	<1	.11	17	14	<10	7	22
643 -	21 02 574	<5	<.2	.76	<5	<2	<5	<5	7.16	<1	7	31	27	1.38	.26	<10	1.52	2574	5	<.01	2	293	3	5	<20	<1	.06	85	15	24	11	15
643 -	22 02 575	<5	<.2	.77	<5	<2	12	<5	1.18	<1	13	48	11	1.17	.40	<10	1.26	518	3	<.01	6	293	7	<5	<20	<1	.08	<10	11	15	8	22
643 -	23 02 576	<5	.8	.54	<5	<2	29	<5	1.30	<1	56	92	325	2.94	.19	10	.92	373	6	<.01	13	250	6	<5	<20	<1	.06	35	7	22	7	16
643 -	24 02 577	5	.3	.85	5	3	17	<5	.76	<1	20	79	55	2.04	.44	10	1.07	327	10	<.01	11	640	11	<5	<20	<1	.08	15	13	<10	11	22
643 -	25 02 578	10	.8	1.06	9	<2	20	10	1.22	<1	15	72	54	2.84	.46	13	1.28	531	5	<.01	14	560	12	<5	<20	<1	.08	20	17	21	10	35
643 -	26 02 579	15	.7	.94	11	2	52	6	1.01	<1	15	46	36	2.57	.56	12	.98	436	3	<.01	14	884	13	<5	<20	<1	.07	20	16	<10	10	26

ECO-TECH LABORATORIES LTD. KOKANEE EXPLORATIONS LTD. - ETK 90-643

PAGE 2

ET#	DESCRIPTIONS	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
643	- 27 02 580	<5	1.0	.67	18	5	17	18	.70	1	20	78	22	5.72	.39	23	.70	313	16	<.01	20	555	35	<5	<20	<1	.04	<10	9	26	5	166
643	- 28 02 581	10	7.3	.13	42	6	<5	38	.15	3	24	58	58	15.00	.07	37	.25	54	9	<.01	7	101	100	<5	<20	<1	.01	<10	<1	64	<1	891
643	- 29 02 582	5	8.4	.18	27	4	12	<5	.83	7	21	51	86	9.74	.07	46	.48	325	6	<.01	4	122	102	8	<20	<1	.02	<10	<1	29	<1	333
643	- 30 02 583	<5	7.9	.15	33	8	14	<5	.59	3	21	55	89	13.13	.04	62	.58	259	5	<.01	3	145	93	19	<20	<1	.02	<10	<1	26	<1	616
643	- 31 02 584	40	3.3	.15	12	2	6	<5	.89	<1	5	42	39	6.72	.03	32	.78	409	4	<.01	<1	104	35	<5	<20	<1	.02	<10	<1	<10	<1	271
643	- 32 02 585	5	2.6	.19	10	4	<5	36	1.04	1	10	38	34	11.38	<.01	27	1.05	518	4	<.01	1	104	37	6	<20	<1	.01	<10	<1	106	<1	196
643	- 33 02 586	5	2.4	.21	6	4	7	38	.83	1	13	33	102	14.35	.02	35	.97	410	11	<.01	2	89	22	<5	<20	<1	.02	<10	<1	32	<1	124
643	- 34 02 587	<5	4.7	.21	17	5	8	14	.41	2	14	48	40	12.36	.14	31	.37	201	5	<.01	2	75	84	<5	<20	1	.01	<10	<1	12	<1	611
643	- 35 02 588	<5	10.7	.18	24	4	17	37	.56	4	16	45	53	14.34	.07	36	.34	212	3	<.01	5	82	254	<5	<20	<1	.01	22	<1	18	<1	988
643	- 36 02 589	<5	7.4	.29	15	4	11	30	.94	3	11	44	71	12.68	.12	32	.46	352	4	<.01	3	117	124	<5	<20	<1	.01	18	<1	<10	<1	660
643	- 37 02 590	<5	2.3	.27	16	<2	16	24	1.11	1	11	38	22	8.06	.15	32	.38	357	4	<.01	16	318	55	<5	<20	<1	.01	26	<1	<10	<1	105
643	- 38 02 591	<5	<.2	.27	<5	<2	<5	9	2.15	<1	<1	47	20	1.69	.00	<10	.68	727	2	<.01	3	77	5	<5	<20	<1	.01	37	<1	<10	1	20
643	- 39 02 592	<5	<.2	1.00	<5	3	<5	132	.93	1	42	54	6	>1500	.44	17	.91	444	5	<.01	25	711	2	<5	<20	<1	.08	<10	16	55	15	17
643	- 40 02 593	<5	.3	1.35	<5	3	14	75	.87	1	25	54	5	12.15	.65	13	.91	427	3	<.01	23	1075	2	<5	<20	<1	.09	<10	15	19	12	18
643	- 41 02 594	15	<.2	1.34	<5	2	21	32	.79	<1	5	95	9	5.43	.57	<10	.85	457	5	<.01	6	488	8	<5	<20	<1	.08	<10	12	17	10	21
643	- 42 02 595	<5	<.2	.35	<5	<2	1	29	1.08	<1	6	61	23	4.55	.06	<10	.54	298	5	<.01	6	242	28	<5	<20	<1	.06	16	2	24	9	8
643	- 43 02 596	<5	<.2	.40	<5	<2	<5	42	1.47	<1	13	62	34	6.87	.07	10	.66	437	6	<.01	5	248	13	<5	<20	<1	.05	<10	4	50	9	10
643	- 44 02 597	<5	<.2	.43	<5	3	<5	47	.74	<1	17	58	47	7.47	.13	<10	.61	249	84	<.01	6	219	7	<5	<20	<1	.06	<10	4	40	7	15

NOTE: < = LESS THAN

FAX: 489-1121

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

SC90/KOKANEES

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
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OCTOBER 19, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

KOKANEE EXPLORATIONS - ETK 90-677

SUITE 104 - 135 10TH AVE. S.
CRANBROOK, B.C.
V1C 2N1

PROJECT: LEG
14 CORE SAMPLES RECEIVED OCTOBER 10, 1990

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
[redacted]																																
677 - 4	02598	15	<.2	.47	<5	<2	32	<5	1.47	<1	5	129	15	.83	.17	<10	.53	502	11	<.01	8	233	9	<5	<10	<1	.06	<10	9	<10	6	37
677 - 5	02599	<5	.2	.52	<5	<2	15	<5	2.20	<1	10	55	22	1.09	.14	<10	1.29	808	10	<.01	6	269	6	<5	<10	<1	.04	<10	14	<10	4	25
677 - 6	02600	5	<.2	.34	<5	<2	9	<5	1.60	<1	2	29	8	.46	.05	<10	1.02	457	5	<.01	4	299	10	<5	<10	<1	.04	<10	5	<10	4	18
677 - 7	02601	15	<.2	.59	<5	<2	5	<5	3.16	<1	4	63	21	.79	.19	<10	1.30	970	14	<.01	4	162	4	<5	<10	<1	.05	<10	11	<10	7	30
677 - 8	02602	10	<.2	.99	<5	<2	19	<5	.93	<1	5	71	26	1.14	.74	10	1.38	547	8	<.01	7	276	6	<5	<10	<1	.07	<10	13	<10	5	33
677 - 9	02603	10	<.2	.82	<5	<2	15	<5	4.24	<1	4	55	13	1.02	.65	<10	1.48	1422	5	<.01	6	191	4	5	<10	<1	.06	<10	12	<10	6	40
677 -10	02604	15	<.2	.41	<5	<2	5	<5	6.12	<1	3	44	6	.76	.16	<10	1.36	1656	4	<.01	3	169	3	6	<10	<1	.03	<10	5	<10	5	15
677 -11	02605	10	<.2	.44	<5	<2	9	<5	4.02	<1	3	64	6	.81	.18	10	.98	1428	5	<.01	4	193	7	<5	<10	<1	.03	<10	9	<10	7	20
677 -12	02606	15	<.2	.38	<5	<2	<5	<5	8.94	<1	4	49	9	.77	.11	10	.89	2820	5	<.01	4	127	3	<5	<10	<1	.01	11	7	<10	7	16
677 -13	02607	15	<.2	.54	<5	<2	6	<5	3.28	<1	5	65	14	.86	.23	<10	.95	1075	8	<.01	6	204	5	<5	<10	<1	.05	<10	7	<10	6	17
677 -14	02608	20	<.2	.42	<5	<2	<5	<5	2.28	<1	6	57	24	1.15	.12	<10	.72	744	7	<.01	6	192	8	<5	<10	<1	.04	<10	6	<10	3	18

L902

NOTE: < = LESS THAN

FAX: 489-1121

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

SC90/KOKANEE#5

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

L90-2

Kokanee Explorations Ltd. File # 90-5227

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
02609	1	58	5	115	.1	42	24	1237	5.93	2	5	ND	2	33	.2	2	2	145	2.62	.103	6	57	2.29	71	.29	2	2.66	.01	1.41	1	10
02610	4	82	5	113	.2	27	25	681	6.38	3	5	ND	3	35	.2	2	2	107	1.53	.190	8	23	1.73	75	.25	4	2.30	.03	1.06	1	7
02611	1	55	5	89	.1	39	22	1845	5.84	2	5	ND	2	33	.2	2	2	198	6.07	.087	12	50	2.07	50	.06	4	1.72	.01	.64	1	5
02612	24	12	9	15	.1	7	4	733	.86	2	5	ND	7	17	.2	2	2	11	1.82	.024	8	8	.56	52	.06	6	.52	.01	.14	1	5
02613	30	39	7	16	.1	7	4	673	.90	2	5	ND	7	19	.2	2	2	10	1.49	.025	8	9	1.27	20	.08	6	.67	.01	.13	1	5
02614	63	42	7	8	.1	14	18	250	.65	9	5	ND	10	8	.2	2	2	5	.86	.014	17	35	.43	41	.03	8	.62	.01	.31	1	2
02615	5	8	9	10	.1	6	5	175	.52	2	5	ND	10	6	.2	2	2	5	.52	.015	17	5	.31	40	.03	8	.51	.01	.27	1	1
02616	23	12	9	8	.1	12	5	294	.62	2	5	ND	7	7	.2	2	2	4	.94	.025	16	45	.31	20	.02	6	.42	.01	.19	1	2
02617	15	25	19	7	.3	10	9	159	1.07	3	7	ND	15	6	.2	2	2	4	.54	.021	36	6	.18	30	.01	6	.42	.01	.23	1	4
02618	26	22	9	9	.1	14	11	328	1.05	3	5	ND	6	9	.2	2	2	4	1.21	.009	14	49	.25	17	.01	5	.33	.01	.13	1	3
02619	8	8	11	6	.2	5	5	122	.62	2	5	ND	18	3	.2	2	2	4	.36	.007	31	5	.18	16	.01	9	.37	.01	.23	1	3
02620	92	12	5	6	.1	10	3	188	.52	2	5	ND	8	4	.2	2	2	3	.55	.010	13	45	.22	30	.02	6	.40	.01	.22	1	1
02621	15	3	6	7	.1	6	2	169	.52	6	5	ND	11	5	.2	2	2	4	.52	.013	15	7	.25	23	.02	5	.43	.01	.24	1	1
02622	11	6	5	6	.1	11	5	177	.52	3	5	ND	13	7	.2	2	2	3	.83	.091	19	48	.20	32	.01	8	.48	.01	.25	1	1
02623	7	9	8	8	.1	15	17	213	.94	2	5	ND	9	7	.2	2	2	5	.58	.022	9	7	.40	23	.04	6	.59	.01	.26	1	6
STANDARD C/AU-R	17	59	36	131	7.0	72	31	1050	3.94	36	22	7	40	53	19.5	15	19	57	.45	.094	38	59	.92	182	.07	34	1.89	.06	.14	11	540

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 12 1990 **DATE REPORT MAILED:** Oct 19/90. **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

KOKANEE EXPLORATIONS LTD. - ETK 90-621

104 - 135 10th AVE. SOUTH
CRANBROOK, B.C.
V1C 2N1

L90-2

SEPTEMBER 28, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

56 CORE SAMPLES RECEIVED SEPTEMBER 24, 1990
PROJECT : LEG

ETK	DESCRIPTION	AU(ppb)	AG(ppm)	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
621	- 1 02 701	<5	<.2	.39	19	<2	237	<5	13.17	<1	7	6	20	3.03	.22	11	3.97	3187	<1	<.01	2	327	<2	6	<20	<1	.01	13	2	<10	1	<1
621	- 2 02 702	5	<.2	.75	<5	<2	216	<5	>15.00	<1	4	6	8	1.45	.14	7	5.62	2499	<1	<.01	1	313	<2	5	<20	<1	.02	21	2	<10	4	<1
621	- 3 02 703	5	<.2	.45	<5	<2	164	<5	14.83	<1	3	3	7	1.24	.20	6	6.27	2717	<1	<.01	1	221	<2	<5	<20	<1	.01	22	1	<10	2	<1
621	- 4 02 704	5	<.2	.65	<5	<2	267	<5	>15.00	<1	4	7	9	1.38	.12	12	5.46	2981	<1	<.01	<1	186	<2	5	<20	<1	.02	10	2	<10	2	<1
621	- 5 02 705	<5	<.2	.61	<5	<2	314	<5	>15.00	<1	5	4	10	1.25	.20	8	5.28	2945	<1	<.01	1	152	<2	5	<20	<1	.02	20	2	<10	2	10
621	- 6 02 706	15	<.2	.48	<5	<2	312	<5	>15.00	<1	3	3	9	1.10	.12	7	4.73	2923	<1	<.01	<1	183	<2	7	<20	<1	.02	25	1	<10	2	30
621	- 7 02 707	<5	<.2	.82	<5	<2	589	<5	13.93	<1	3	6	1	1.54	.29	7	4.98	2828	<1	<.01	1	245	<2	5	<20	<1	.03	17	4	<10	2	<1
621	- 8 02 708	<5	<.2	.36	<5	<2	412	<5	>15.00	<1	2	3	<1	1.34	.30	7	6.76	3201	<1	<.01	<1	137	<2	5	<20	<1	.01	19	<1	<10	1	<1
621	- 9 02 709	<5	<.2	.80	<5	<2	851	<5	14.47	<1	2	8	1	1.33	.43	6	5.09	3193	1	<.01	<1	184	<2	5	<20	<1	.03	15	1	<10	2	<1
621	- 10 02 710	5	<.2	.56	<5	<2	1730	<5	>15.00	<1	2	7	1	1.32	.29	7	5.08	3274	<1	<.01	<1	176	<2	5	<20	<1	.02	16	2	<10	1	35
621	- 11 02 711	5	<.2	.47	<5	<2	1471	<5	9.70	<1	2	3	<1	.76	.14	4	2.85	1938	<1	<.01	<1	130	<2	<5	<20	51	.02	<10	2	<10	2	<1
621	- 12 02 712	<5	<.2	.29	<5	<2	132	<5	13.53	<1	2	2	3	.98	.34	4	5.13	3069	<1	<.01	<1	148	<2	6	<20	48	.01	10	<1	<10	2	<1
621	- 13 02 713	10	<.2	.33	5	<2	1404	<5	12.92	<1	3	2	1	.99	.14	5	3.39	2796	<1	<.01	<1	147	<2	6	<20	37	.01	13	1	<10	2	41
621	- 14 02 714	5	<.2	.32	<5	<2	1357	<5	13.21	<1	2	4	11	.96	.11	5	2.46	2519	<1	<.01	<1	142	2	5	<20	<1	.01	22	1	<10	1	68
621	- 15 02 715	20	<.2	.49	<5	<2	103	<5	10.04	<1	4	9	3	.97	.39	4	3.36	2092	2	<.01	2	364	3	6	<20	9	.01	13	2	<10	2	<1
621	- 16 02 716	<5	<.2	.63	<5	<2	1376	<5	11.18	<1	3	9	5	.83	.16	5	3.82	2046	<1	<.01	<1	453	7	6	<20	<1	.02	13	3	<10	2	16
621	- 17 02 717	<5	<.2	.41	<5	<2	1113	<5	12.40	<1	4	10	10	.93	.14	5	3.00	2585	2	<.01	1	318	4	5	<20	<1	.02	19	2	<10	2	96
621	- 18 02 718	10	<.2	.38	<5	<2	571	<5	>15.00	2	2	4	2	.37	.14	5	.98	953	<1	<.01	1	164	35	5	<20	<1	.01	36	2	<10	3	260
621	- 19 02 719	5	<.2	.24	<5	<2	304	<5	>15.00	<1	3	4	1	1.24	.13	7	2.28	1062	<1	<.01	5	113	20	5	<20	<1	.01	27	<1	<10	1	167
621	- 20 02 720	<5	<.2	.33	<5	<2	279	<5	>15.00	2	2	2	2	.47	.23	5	2.25	711	<1	<.01	1	100	6	<5	<20	<1	.01	28	<1	<10	2	553
621	- 21 02 721	<5	<.2	.23	6	<2	355	<5	>15.00	3	1	2	4	.43	.11	6	.62	662	<1	<.01	<1	150	126	<5	<20	<1	.01	34	<1	<10	3	288
621	- 22 02 722	5	<.2	.25	7	<2	404	<5	>15.00	1	1	2	3	.59	.13	6	.60	596	<1	<.01	1	204	112	<5	<20	<1	.01	30	1	<10	2	315
621	- 23 02 723	5	<.2	.11	8	<2	227	<5	>15.00	2	1	2	2	.46	.09	5	.29	569	<1	<.01	<1	175	71	<5	<20	<1	<.01	42	<1	<10	1	124
621	- 24 02 724	10	<.2	.09	10	<2	388	<5	>15.00	1	1	1	3	.70	.09	6	.25	512	<1	<.01	1	184	74	5	<20	<1	<.01	35	<1	11	1	83
621	- 25 02 725	10	<.2	.16	6	<2	602	<5	>15.00	1	3	2	5	.53	.06	4	.24	672	1	<.01	2	232	65	<5	<20	<1	.01	37	2	<10	<1	87
621	- 26 02 726	15	<.2	.10	9	<2	542	<5	>15.00	1	2	1	5	.68	.09	6	.25	556	<1	<.01	<1	282	80	<5	<20	<1	<.01	36	<1	17	<1	89

ECO-TECH LABORATORIES LTD. KOKANEE EXPLORATIONS LTD. - ETK 90-621

ET#	DESCRIPTION	AU(ppb)	AG(ppm)	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
621	- 27 02 727	20	<.2	.05	7	<2	613	<5	>15.00	2	1	3	3	.39	.06	4	.19	646	1	<.01	1	117	158	<5	<20	<1	<.01	31	<1	<10	<1	45
621	- 28 02 728	20	<.2	.10	8	<2	492	<5	>15.00	2	1	1	3	.48	.09	6	.28	691	<1	<.01	<1	306	160	<5	<20	<1	<.01	42	<1	<10	<1	57
621	- 29 02 729	<5	<.2	.79	<5	<2	676	<5	14.04	3	3	7	11	.67	.11	6	1.78	667	<1	<.01	1	131	122	<5	<20	<1	.03	14	4	<10	2	821
621	- 30 02 730	10	<.2	.91	<5	<2	859	<5	11.48	<1	3	12	5	.80	.47	5	1.68	571	<1	<.01	2	302	7	<5	<20	<1	.04	17	6	<10	6	117
621	- 31 02 731	<5	<.2	.22	<5	<2	139	<5	>15.00	<1	2	1	1	.49	.02	4	.49	1095	<1	<.01	1	85	<2	<5	<20	<1	.01	45	1	<10	7	28
621	- 32 02 732	<5	<.2	.29	<5	<2	100	<5	>15.00	<1	2	2	1	.86	.04	6	2.83	1253	<1	<.01	<1	105	<2	5	<20	<1	.01	31	1	<10	5	36
621	- 33 02 733	10	<.2	.12	<5	<2	90	<5	>15.00	<1	4	1	<1	1.35	.01	8	.50	1350	<1	<.01	2	86	<2	<5	<20	<1	<.01	39	1	<10	5	10
621	- 34 02 734	<5	<.2	.47	<5	<2	35	<5	5.75	<1	2	12	1	.35	.13	2	.73	274	1	<.01	1	333	10	<5	<20	<1	.02	<10	2	<10	2	60
621	- 35 02 735	5	<.2	.42	<5	<2	16	<5	>15.00	<1	1	9	<1	.53	.02	5	.92	1044	1	<.01	<1	98	<2	<5	<20	<1	.02	35	1	<10	10	42
621	- 36 02 736	<5	<.2	2.43	<5	<2	248	<5	.91	<1	5	46	<1	1.76	1.55	5	3.48	150	<1	<.01	6	378	10	<5	<20	<1	.12	<10	36	21	1	108
621	- 37 02 737	10	<.2	1.02	<5	<2	94	<5	1.17	<1	6	26	3	.83	.71	4	1.29	99	<1	.01	6	393	9	<5	<20	<1	.06	<10	11	<10	2	50
621	- 38 02 738	<5	<.2	.19	<5	<2	1117	<5	12.08	<1	4	5	2	.54	.04	4	.37	818	<1	<.01	1	163	3	<5	<20	<1	.01	22	<1	<10	7	17
621	- 39 02 739	5	<.2	2.61	<5	<2	49	13	.44	<1	30	60	42	4.49	1.41	13	2.15	206	2	.02	15	653	8	<5	<20	2	.11	<10	74	<10	2	83
621	- 40 02 740	5	<.2	2.23	<5	<2	217	9	.42	<1	23	101	47	4.14	.93	11	1.69	177	2	.02	46	744	13	<5	<20	4	.09	<10	75	<10	<1	106
621	- 41 02 741	10	<.2	.17	<5	<2	911	<5	>15.00	1	1	5	8	.35	.20	5	.43	652	1	<.01	<1	239	25	<5	<20	<1	<.01	33	5	<10	2	43
621	- 42 02 742	<5	<.2	.50	<5	<2	166	<5	>15.00	<1	2	5	7	.86	.17	7	1.16	974	2	<.01	2	265	62	5	<20	<1	.01	30	6	<10	1	173
621	- 43 02 743	5	<.2	.29	<5	<2	468	<5	>15.00	<1	2	3	3	.67	.22	7	.72	924	1	<.01	1	205	64	<5	<20	<1	.01	36	1	<10	1	133
621	- 44 02 744	<5	<.2	.67	<5	<2	346	<5	>15.00	<1	7	6	9	1.23	.27	6	1.11	653	1	<.01	5	284	10	<5	<20	<1	.02	24	2	<10	<1	858
621	- 45 02 745	<5	<.2	.10	<5	<2	125	<5	>15.00	<1	1	1	1	.41	.09	5	.30	1067	<1	<.01	<1	115	8	<5	<20	<1	<.01	40	<1	<10	1	95
621	- 46 02 746	<5	<.2	.16	<5	<2	165	<5	>15.00	<1	1	1	2	.47	.16	5	.46	995	1	<.01	<1	136	5	<5	<20	<1	<.01	30	<1	<10	<1	93
621	- 47 02 747	15	<.2	.26	<5	<2	161	<5	>15.00	<1	1	2	3	.57	.18	5	.68	855	1	<.01	<1	218	11	<5	<20	<1	.01	32	1	<10	1	133
621	- 48 02 748	5	<.2	.24	<5	<2	268	<5	>15.00	<1	1	2	4	.67	.16	6	.61	864	1	<.01	<1	250	36	<5	<20	<1	.01	33	<1	<10	1	148
621	- 49 02 749	5	<.2	.15	<5	<2	560	<5	>15.00	<1	<1	1	3	.42	.15	6	.43	951	1	<.01	<1	201	5	<5	<20	<1	<.01	34	<1	<10	1	101
621	- 50 02 750	55	<.2	.09	<5	<2	994	<5	>15.00	<1	1	4	12	.62	.06	6	.28	511	2	<.01	<1	229	48	<5	<20	<1	<.01	36	1	11	<1	78
621	- 51 02 751	15	<.2	.05	<5	<2	415	<5	>15.00	<1	1	1	7	.42	.06	5	.25	541	1	<.01	<1	310	17	<5	<20	<1	<.01	32	<1	<10	<1	69
621	- 52 02 752	<5	<.2	.08	<5	<2	627	<5	>15.00	<1	1	1	7	.61	.08	5	.30	514	1	<.01	<1	274	33	<5	<20	<1	<.01	36	1	<10	<1	98
621	- 53 02 753	<5	<.2	.06	<5	<2	453	<5	>15.00	1	2	6	25	2.03	.07	10	.27	564	2	<.01	1	246	96	7	<20	<1	<.01	29	4	56	<1	319
621	- 54 02 754	15	<.2	.12	<5	<2	587	<5	>15.00	<1	1	11	8	.69	.11	7	.35	542	2	<.01	<1	204	45	<5	<20	<1	<.01	29	<1	10	1	155
621	- 55 02 755	5	<.2	.12	<5	<2	632	<5	>15.00	1	<1	4	8	.56	.11	7	.35	672	1	<.01	<1	391	34	<5	<20	<1	<.01	29	1	<10	1	117
621	- 56 02 756	20	<.2	.10	<5	<2	476	<5	>15.00	2	<1	1	4	.38	.15	5	.37	724	1	<.01	<1	217	82	<5	<20	<1	<.01	29	1	10	2	103

NOTE: < = LESS THAN

SC90/KOK#3

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER