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**DRILLING, GEOLOGICAL
& SOIL GEOCHEMISTRY REPORT
ON THE WATSON PROPERTY**

**Liard 1-26 (YB78363-388), Liard 29-34 (YB89346-51), Watson 1-30
(YB78389-418), Steph 1-6 (YB84651-656), Lee 1-10 (YB77736-745),
Luck 1-10 (YB77746-755), Rapid 1-18 (YB89290-307)**

Watson Lake Mining District
Watson Lake, Yukon

NTS 105A/2
60°01' N latitude, 128°38' W longitude

for KRL Resources Corp.

Work performed between May 7 - July 15, 1997

R. Chow
February 13, 1998

RECEIVED
MARCH 13 1998

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INTRODUCTION

A five-hole diamond drill program totaling 748.0 metres (2,454 ft.) was completed on the Watson Property during May and June of 1997 by KRL Resources Corp. The purpose of this program was to investigate several geophysical anomalies outlined in a previous investigation and to test a barite showing. Minor prospecting and geological mapping was also conducted during this period, followed by a brief soil geochemistry survey in July west of the grid area. The property is considered prospective for sedex type zinc-lead-silver mineralization.

Location and Access

The claims are located on both sides of the Liard River, on the north side of the Yukon - British Columbia border, about 8 air km southeast of the town of Watson Lake, Yukon [Figure 1]. The centre of the claim ground lies at 60°01'00" N. latitude, 128°37'45" W. longitude on mapsheet 105A/2 in the Watson Lake Mining District.

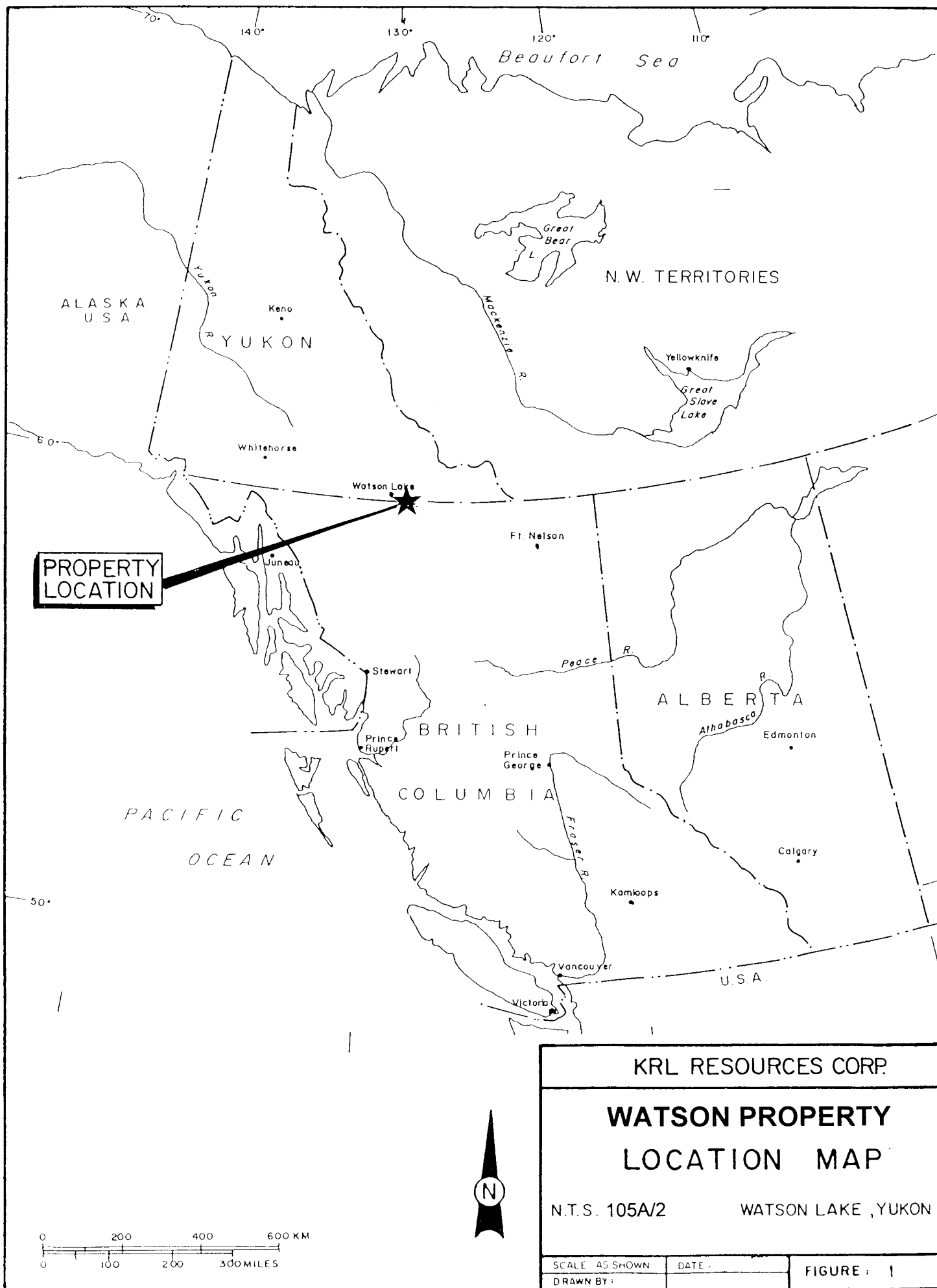
Several access options are available. Helicopter out of Watson Lake takes about 5 minutes, with a number of helicopter pads on the property. Road access is available by a 4X4 road from Upper Liard along the south side of the Liard River. The Alaska Highway passes through the northeast corner of the property. The claims can also be reached by boat from Upper Liard along the Liard River, which flows southeasterly through the property.

Physiography / Climate

The claims lie within the Liard Plains, a broad, low lying and relatively flat region through which the Liard River flows. Elevations on the property range from 2000 ft. to 2400 ft. The steep walls of the Liard Canyon are exposed for a distance of 2.5 km on the east side of the property. Elsewhere, the terrain is gentle with low sand and gravel terraces flanking the river. Much of the property is covered by glacial deposits of silt, sand and gravel up to 50 m thick, producing a hummocky terrain. These deposits are classified as glaciofluvial and glaciolacustrine in origin, while the terraces adjacent the river are classified as modern alluvial terraces.

Vegetation is light to moderately dense, consisting of mainly jack pine, spruce, and poplar, and various deciduous trees. Underbrush consists of willow and labrador tea.

The climate is typical of northern continental regions, with long cold winters and short warm summers. Temperatures range from about -25° in January to +21° C in July. Total annual snowfall averages 219 cm. Field work is ideally carried out from May to October.



Property Status

The Yukon portion of the Watson Property consists of 107 claims covering an area of approximately 5,354 acres (2,167 hectares) in the Watson Lake Mining District. (An adjacent 44 claim units in B.C. covers an area of 2,718 acres). The Luck and Lee claims, totaling 20 units, are optioned from Nu-Lite Industries Ltd. The claims are listed below in Table 1 and illustrated in Figure 2.

Table 1: Watson Property Claims

Claim Name	Grant Number	Record Date	Expiry Date	Claim Owner
Rapid 1	YB 89290	97 May 23	98 May 23	KRL Resources
Rapid 2	YB 89291	97 May 23	98 May 23	KRL Resources
Rapid 3	YB 89292	97 May 23	98 May 23	KRL Resources
Rapid 4	YB 89293	97 May 23	98 May 23	KRL Resources
Rapid 5	YB 89294	97 May 23	98 May 23	KRL Resources
Rapid 6	YB 89295	97 May 23	98 May 23	KRL Resources
Rapid 7	YB 89296	97 May 23	98 May 23	KRL Resources
Rapid 8	YB 89297	97 May 23	98 May 23	KRL Resources
Rapid 9	YB 89298	97 May 23	98 May 23	KRL Resources
Rapid 10	YB 89299	97 May 23	98 May 23	KRL Resources
Rapid 11	YB 89300	97 May 23	98 May 23	KRL Resources
Rapid 12	YB 89301	97 May 23	98 May 23	KRL Resources
Rapid 13	YB 89302	97 Jun 10	98 Jun 10	KRL Resources
Rapid 14	YB 89303	97 Jun 10	98 Jun 10	KRL Resources
Rapid 15	YB 89304	97 Jun 10	98 Jun 10	KRL Resources
Rapid 16	YB 89305	97 Jun 10	98 Jun 10	KRL Resources
Rapid 17	YB 89306	97 Jun 10	98 Jun 10	KRL Resources
Rapid 18	YB 89307	97 Jun 10	98 Jun 10	KRL Resources
Liard 29	YB 89346	97 Jun 10	98 Jun 10	KRL Resources
Liard 31	YB 89348	97 Jun 10	98 Jun 10	KRL Resources
Liard 32	YB 89349	97 Jun 10	98 Jun 10	KRL Resources
Liard 33	YB 89350	97 Jun 10	98 Jun 10	KRL Resources
Liard 34	YB 89351	97 Jun 10	98 Jun 10	KRL Resources
Lee 1	YB 77736	96 Feb 26	2002 Feb 26	Nu-Lite
Lee 2	YB 77737	96 Feb 26	2002 Feb 26	Nu-Lite
Lee 3	YB 77738	96 Feb 26	2002 Feb 26	Nu-Lite
Lee 4	YB 77739	96 Feb 26	2002 Feb 26	Nu-Lite
Lee 5	YB 77740	96 Feb 26	2002 Feb 26	Nu-Lite
Lee 6	YB 77741	96 Feb 26	2002 Feb 26	Nu-Lite
Lee 7	YB 77742	96 Feb 26	2002 Feb 26	Nu-Lite
Lee 8	YB 77743	96 Feb 26	2002 Feb 26	Nu-Lite
Lee 9	YB 77744	96 Feb 26	2002 Feb 26	Nu-Lite
Lee 10	YB 77745	96 Feb 26	2002 Feb 26	Nu-Lite
Luck 1	YB 77746	96 Feb 26	2002 Feb 26	Nu-Lite
Luck 2	YB 77747	96 Feb 26	2002 Feb 26	Nu-Lite
Luck 3	YB 77748	96 Feb 26	2002 Feb 26	Nu-Lite
Luck 4	YB 77749	96 Feb 26	2002 Feb 26	Nu-Lite
Luck 5	YB 77750	96 Feb 26	2002 Feb 26	Nu-Lite
Luck 6	YB 77751	96 Feb 26	2002 Feb 26	Nu-Lite
Luck 7	YB 77752	96 Feb 26	2002 Feb 26	Nu-Lite

Luck 8	YB 77753	96 Feb 26	2002 Feb 26	Nu-Lite
Luck 9	YB 77754	96 Feb 26	2002 Feb 26	Nu-Lite
Luck 10	YB 77755	96 Feb 26	2002 Feb 26	Nu-Lite
Liard 1	YB 78363	96 Mar 03	2002 Mar 04	Tim Young
Liard 2	YB 78364	96 Mar 03	2002 Mar 04	Tim Young
Liard 3	YB 78365	96 Mar 03	2002 Mar 04	Tim Young
Liard 4	YB 78366	96 Mar 03	2002 Mar 04	Tim Young
Liard 5	YB 78367	96 Mar 03	2002 Mar 04	Tim Young
Liard 6	YB 78368	96 Mar 03	2002 Mar 04	Tim Young
Liard 7	YB 78369	96 Mar 03	2002 Mar 04	Tim Young
Liard 8	YB 78370	96 Mar 03	2002 Mar 04	Tim Young
Liard 9	YB 78371	96 Mar 03	2002 Mar 04	Tim Young
Liard 10	YB 78372	96 Mar 03	2002 Mar 04	Tim Young
Liard 11	YB 78373	96 Mar 03	2002 Mar 04	Tim Young
Liard 12	YB 78374	96 Mar 03	2002 Mar 04	Tim Young
Liard 13	YB 78375	96 Mar 03	2002 Mar 04	Tim Young
Liard 14	YB 78376	96 Mar 03	2002 Mar 04	Tim Young
Liard 15	YB 78377	96 Mar 03	2002 Mar 04	Tim Young
Liard 16	YB 78378	96 Mar 03	2002 Mar 04	Tim Young
Liard 17	YB 78379	96 Mar 03	2002 Mar 04	Tim Young
Liard 18	YB 78380	96 Mar 03	2002 Mar 04	Tim Young
Liard 19	YB 78381	96 Mar 03	2002 Mar 04	Tim Young
Liard 20	YB 78382	96 Mar 03	2002 Mar 04	Tim Young
Liard 21	YB 78383	96 Mar 03	2002 Mar 04	Tim Young
Liard 22	YB 78384	96 Mar 03	2002 Mar 04	Tim Young
Liard 23	YB 78385	96 Mar 03	2002 Mar 04	Tim Young
Liard 24	YB 78386	96 Mar 03	2002 Mar 04	Tim Young
Liard 25	YB 78387	96 Mar 03	2002 Mar 04	Tim Young
Liard 26	YB 78388	96 Mar 03	2002 Mar 04	Tim Young
Liard 27	YB 79253	96 Mar 07	2002 Mar 08	Jim Donaldson
Liard 28	YB 79254	96 Mar 07	2002 Mar 08	Jim Donaldson
Watson 1	YB 78389	96 Mar 03	2002 Mar 04	Jim Donaldson
Watson 2	YB 78390	96 Mar 03	2002 Mar 04	Jim Donaldson
Watson 3	YB 78391	96 Mar 03	2002 Mar 04	Jim Donaldson
Watson 4	YB 78392	96 Mar 03	2002 Mar 04	Jim Donaldson
Watson 5	YB 78393	96 Mar 03	2002 Mar 04	Jim Donaldson
Watson 6	YB 78394	96 Mar 03	2002 Mar 04	Jim Donaldson
Watson 7	YB 78395	96 Mar 03	2002 Mar 04	Jim Donaldson
Watson 8	YB 78396	96 Mar 03	2002 Mar 04	Jim Donaldson
Watson 9	YB 78397	96 Mar 03	2002 Mar 04	Jim Donaldson
Watson 10	YB 78398	96 Mar 03	2002 Mar 04	Jim Donaldson
Watson 11	YB 78399	96 Mar 03	2002 Mar 04	Tim Young
Watson 12	YB 78400	96 Mar 03	2002 Mar 04	Tim Young
Watson 13	YB 78401	96 Mar 03	2002 Mar 04	Tim Young
Watson 14	YB 78402	96 Mar 03	2002 Mar 04	Tim Young
Watson 15	YB 78403	96 Mar 03	2002 Mar 04	Tim Young
Watson 16	YB 78404	96 Mar 03	2002 Mar 04	Tim Young
Watson 17	YB 78405	96 Mar 03	2002 Mar 04	Tim Young
Watson 18	YB 78406	96 Mar 03	2002 Mar 04	Tim Young
Watson 19	YB 78407	96 Mar 03	2002 Mar 04	Tim Young
Watson 20	YB 78408	96 Mar 03	2002 Mar 04	Tim Young
Watson 21	YB 78409	96 Mar 03	2002 Mar 04	Tim Young
Watson 22	YB 78410	96 Mar 03	2002 Mar 04	Tim Young
Watson 23	YB 78411	96 Mar 03	2002 Mar 04	Tim Young

Watson 24	YB 78412	96 Mar 03	2002 Mar 04	Tim Young
Watson 25	YB 78413	96 Mar 03	2002 Mar 04	Tim Young
Watson 26	YB 78414	96 Mar 03	2002 Mar 04	Tim Young
Watson 27	YB 78415	96 Mar 03	2002 Mar 04	Tim Young
Watson 28	YB 78416	96 Mar 03	2002 Mar 04	Tim Young
Watson 29	YB 78417	96 Mar 03	2002 Mar 04	Jim Donaldson
Watson 30	YB 78418	96 Mar 03	2002 Mar 04	Jim Donaldson
Steph 1	YB 84651	96 Jul 02	2002 Jul 02	Tim Young
Steph 2	YB 84652	96 Jul 02	2002 Jul 02	Tim Young
Steph 3	YB 84653	96 Jul 02	2002 Jul 02	Tim Young
Steph 4	YB 84654	96 Jul 02	2002 Jul 02	Tim Young
Steph 5	YB 84655	96 Jul 02	2002 Jul 02	Tim Young
Steph 6	YB 84656	96 Jul 02	2002 Jul 02	Tim Young



200 0 200 400 600 800
METRES

KRL Resources Corp.

WATSON PROJECT CLAIM MAP

WATSON LAKE AREA, BC-YUKON
FEB, 1998

NTS: 105A2/104P15
Scale: AS SHOWN

FIGURE 2

Property History

The following chronology is modified from Rainsford (1984) and Scott (1987). The earliest reference to exploration in the area was made by G.M. Dawson in 1886, who noted argentiferous galena in the lower Liard Canyon. More recent history includes:

- 1962: The Jim and Moose claims are staked by F. Lutz to cover 2 showings on the Liard River.
- 1965-75: Claims restaked several times under different names. Minor trenching in 1969, 1971 and 1973.
- 1979: Restaked as Roman 1-16 claims by Jake Melnychuck and optioned to St. Joseph Exploration. Geological mapping and geochemical soil sampling is performed in the Barite Showing area.
- 1980: Logan Mines optioned the property and diamond drilled 2 holes from one set-up totaling 123.1 m at the Barite Showing. A limited EM-16 survey was performed around the Main Showing.
- 1981: Logan Mines conducted 9.2 km of soil sampling and magnetic surveying in the Barite and Main Showing areas. Detailed geological mapping and sampling of showings are also performed.
- 1983: The Rom and Man claims in the Yukon and the Rom 2 and Vent 19 claims in British Columbia are staked adjacent to the original Roman 1-16 and Rom 50 claims.
- 1984: Billiton Canada Ltd. optioned the property and carried out 65 km of grid linecutting, IP, resistivity, VLF-EM, HLEM, magnetometer and gravity surveys over a major part of the property. A geochemical orientation survey was also completed.
- 1985: Access road from Lucky Lake on Alaska Highway to the West Showing constructed by J. Melnychuck.
- 1986: Samarkand Resources optioned the property and performed 46 km of line cutting, Genie EM (horizontal loop), VLF-EM and proton magnetometer surveying. Geological mapping and sampling are also conducted.
JM 1 & 2 claims staked by Melnychuck in British Columbia, to south of existing claim group.
- 1996: KRL Resources Corp. restakes the ground and performs airborne and ground geophysics, soil geochemistry, and minor prospecting. The Luck 1-10 and Lee 1-10 claims adjoining KRL's ground are optioned from Nu-Lite Industries. A program of follow-up backhoe trenching is conducted in the fall.

REGIONAL GEOLOGY AND METALLOGENY

Regional mapping by H. Gabrielse of the McDame (1963) and Watson Lake (1967) map areas have identified predominantly Proterozoic to Mississippian marine sedimentary rocks with some Jurassic to Tertiary intrusions. The geology is not well understood due to the complex tectonic history of the region and the general lack of bedrock exposure in the broad drift covered plains.

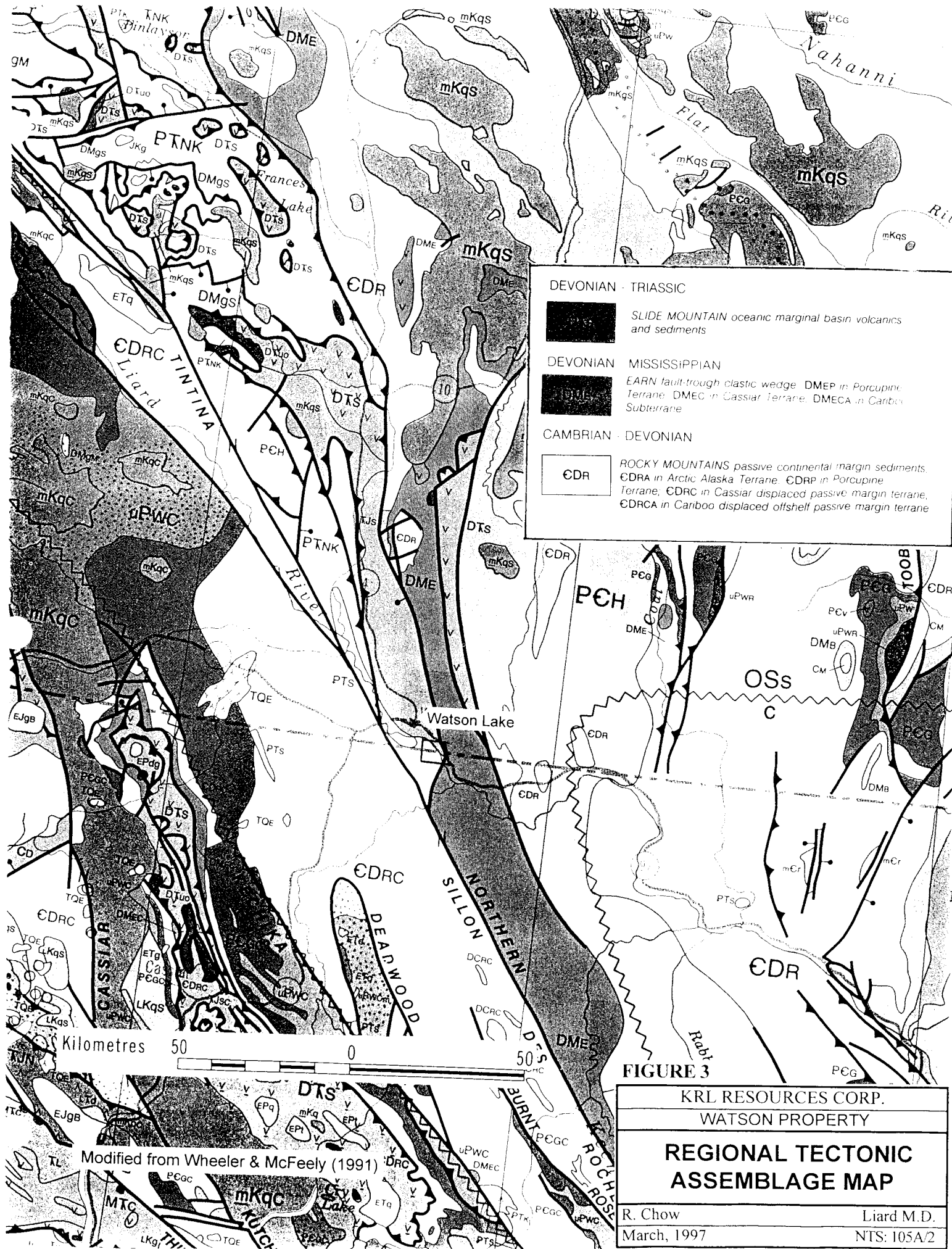
The region lies within the Omineca tectonic belt of the Canadian Cordillera, to the east of the Tintina-Northern Rocky Mountain Trench. The tectonic assemblage compilation map by Wheeler and McFeely (1991) shows 3 different assemblages in the Watson Lake area [Figure 3]:

- (1) Cassiar Terrane: Cambrian to Devonian passive continental margin sediments consisting of mainly dolomite, limestone, and shale deposited in platformal and basinal environments; includes the Kechika, Road River, Sandpile, Askin, and McDame Groups. The Cassiar Terrane is considered to be a displaced part of autochthonous North America.
- (2) Earn Group: Devonian to Mississippian fault trough clastic wedge consisting of chert pebble conglomerate, chert quartz sandstone, pebbly mudstone, shale and volcanics.
- (3) Slide Mountain Terrane: Devonian to Triassic oceanic marginal basin volcanics and sediments included in the Sylvester Group, which form a stack of fault-bounded slices emplaced eastward onto the Cassiar Terrane.

Proterozoic and Paleozoic basinal and platformal marine sedimentary rocks are important hosts of sedimentary exhalative lead-zinc-silver deposits worldwide and within the Canadian Cordillera. Some major producers include the Sullivan mine in southeast British Columbia and Faro in the Yukon. Other important occurrences include deposits of the Anvil, Howard's Pass and MacMillan Pass districts in the Yukon, and the Cirque deposit in northeast British Columbia (MacIntyre, 1991). All major sedex deposits known in the Cordillera occur in rocks of ancestral North America, hosted within intracratonic basins and miogeoclinal. The most economically important sedex deposits are found in the Selwyn and Purcell basins and in platformal sequences of the Cassiar Terrane and equivalents to the west.

The Earn Group is host to some of the largest sedex deposits including the Tom and Jason of the Macmillan Pass district and the Cirque of the Gataga district. The lower Earn is distinguished regionally by its blue weathering siliceous shale and chert and the upper Earn by mainly brown weathering shale (not highly siliceous) and common bedded chert (Gordy et al., 1982). Coarse clastics consisting of chert pebble conglomerate, quartz-chert sandstone, and conglomeratic mudstone are found in both Upper and Lower Earn groups. Bedded barite occurs within the siliceous shale facies of the lower and possibly upper Earn Group at MacMillan Pass, and sedex zinc-lead-silver-barite deposits occur within clastic facies of the lower Earn Group.

The Road River Group which underlies the Earn Group is also host to several mid- Ordovician to mid-Devonian deposits including Howard's Pass and the Aikie. Black graptolitic mudstone and chert of the Road River Group was deposited throughout the Selwyn Basin and Kechika Trough during mid to late Ordovician time in response to a major marine transgression.



PROPERTY GEOLOGY & MINERALIZATION

Bedrock exposure on the property is limited to shorelines and in the Liard Canyon, where beds of predominantly shale, argillite, slate, mudstone, and sandstone are well exposed along the steep canyon walls. Outcrops along the canyon on the BC side of the border were first mapped as Sylvester Group by Gabrielse (1963) and described as being similar to the limestone-quartzite-siltstone-slate sequence on the Alaska Highway. The same outcrop in the canyon on the adjoining mapsheet to the north was subsequently mapped by Gabrielse (1967) as Cambro-Ordovician dark grey and black, non-calcareous argillite, slate, and phyllite. Recent mapping by the B.C. Geological Survey has identified Devono-Miss. age Earn Group strata in the Liard Canyon and an overlying chert unit of possible Miss.-Permian age (Ferri et al., 1997).

Previous mapping of the property geology was performed by T. Scott of Samarkand Resources in 1986, as well as detailed mapping of the Barite Showing by St. Joseph Explorations Ltd. in 1979 and the Main Showing just south of the border by Logan Mines Ltd. in 1981. Available reports on property geology are summarized from D.G. Mark (1988), V. Cukor (1981), and D. Rainsford (1984).

At the Barite Showing (also referred to as the West Showing) located in the north central part of the property [Figure 6], carbonaceous black shales with calcareous and siliceous beds, and minor carbonaceous sandstone units are present. A 2 m wide conformable barite lense and a 0.4 m wide cross-cutting barite vein are found in black shales on the south bank of the river. Isolated patches of base metal and silver mineralization is reported within the barite. As well, pyrite occurs as a bedded horizon in excess of 20 m thick within shales and in quartz-barite cemented breccia zones. On the north bank, numerous barite-quartz lenses and veins up to 20 cm wide are also found in black shales.

In the Liard Canyon, rocks are described as intercalated black shale and buff-weathering, phyllitic, grey calcareous mudstone. Half way along the canyon, mudstone with a distinctive ochre to brown weathering is present.

Further south along the river on the B.C. side of the border, in the vicinity of the Main Showing (also known as the Roman), units of phyllite, sandstone with quartzite, and black shale have been described. The showing is located on the south bank and consists of lenses of massive, very fine-grained galena and sphalerite, hosted in grey calcareous mudstones. The lenses are 20 cm wide, and exposed above the river for about 10 m in length. A typical assay from these lenses is 8.94 oz/ton Ag, 46.3% Pb, 22.6% Zn. About 100 m east, a zone of silicification at the contact between shales and quartzite contains patches of galena, sphalerite, and tetrahedrite. A channel sample across 0.6 m from this zone returned values of 9.1 oz/ton Ag, 0.2% Cu, 24.95% Pb, and 2.23% Zn. On the north shore opposite the Main Showing, a 15 m thick unit of chert and calcareous grit occur at a shale-sandstone interface. The grit contains rounded chert pebbles and elongate shale clasts in a sandy matrix. Quartz lenses and crossfractures in phyllite are mineralized with argentiferous galena, locally with tetrahedrite.

Mineralization observed elsewhere on the property include traces of galena, sphalerite, chalcopryrite and tetrahedrite, associated with narrow quartz veins and quartz stockwork. These veins generally strike east to northeast and dip steeply, or are concordant with bedding.

A zone of intense, upright folding is coincident with the Liard River canyon. These folds are described as trending south-southeast and plunging gently north. Bedding is generally steep and parallels the canyon walls. West of the canyon, beds dip gently to steeply southwest. Normal faults with minor displacements were observed, as well as some intense fracturing.

Minor intrusive rocks on the property include andesitic dykes, 1 to 5 m wide, striking sub-parallel to the shales at the west end of the Liard Canyon.

1997 DRILL PROGRAM

Five diamond drill holes totaling 748.0 metres (2454 ft.) were completed on the Watson Property during May and June of 1997. Refer to Figure 6 for drill hole locations. Holes 1, 2 & 3 were drilled to test geophysical anomalies along the west side of the Liard Canyon. Holes 4 and 5 were drilled on strike with a barite vein exposed on the south cliff face of the Liard River.

The dominant rock type intersected in the holes are bedded sequences of dolomitic slates, siltstone, and argillite with lesser sandstone. Sulphide mineralization consists of minor sphalerite and galena mainly within veins and as recrystallized grains in surrounding rocks. Minor disseminated pyrite is also common in all holes within veins and hostrock, and as fine laminations in hole 5.

The drill core was sampled at intermittent intervals, with continuous sampling only within mineralized zones. The standard sample length was approximately 1.5 metres. Samples were split and bagged on site, and taken to Eco-Tech Labs in Kamloops, B.C. for analysis. A multi-element ICP analysis was performed on all samples with selected samples also analyzed for gold by fire assay/AA finish and total barium. The remainder of the core was stored in racks at the southern end of the Watson 25 claim.

A summary of observations from each drill hole follows:

Hole KW97-1

This hole was abandoned at 45.1 metres in a gravel-filled channel. The hole was targeted at an airborne magnetic high anomaly, adjacent to a soil geochemical gold anomaly on the Watson 29 claim.

Holes KW97-2 & 3

These holes were drilled 200 metres apart on the Lee 7 & 9 claims (optioned from Nu-Lite Industries Ltd.), along strike of a coincident magnetic and VLF-EM anomaly. Bedding is folded, which is consistent with observations in the canyon outcrops where intense upright folds occur. A major zone of irregular quartz-carbonate veining was intersected over the entire length of the holes, with intervals up to 60 metres of 15-25% veining, and individual veins up to 1.5 metres core length. These veins are mainly concordant with bedding. Minor sphalerite occurs locally as recrystallized grains in dolomitic veins and beds. The source of the VLF-EM conductor

intersected by Hole 2 appears to be a carbonaceous dolomitic siltstone unit from 80.8 - 92.1 metres with abundant graphitic gougy intervals, including a 1.3 metre interval of 90% graphite. The lower part of both holes intersected a metamorphosed argillite/siltstone unit displaying weak magnetism, which is likely the source of the high magnetic anomaly.

Hole KW97-4

Hole 4 was drilled on strike with the Barite Showing exposed on the south side of the Liard River. The hole is located on the Watson 17 claim, about 1 km west of the first three holes. The dominant lithologies encountered here are slate, phyllite, argillite, siltstone and lesser sandstone. The upper 25 m of this hole was highly sheared and broken, underlain by shale which grades into slate. At 36.7 m, one metre of barite was intersected, including 0.5 m of massive barite with about 10% sphalerite in stringy patches and coarse crystalline clots up to 3 cm by 1.5 cm. The best assay returned 4.04% Zn from a 20 cm sample of this mineralization. Minor galena is also present as fine disseminations and patches in the barite and within the silicified, pyritic wall rock. The enclosing black slate contains pyrite laminations and minor sphalerite in quartz veinlets. Forty metres below the barite, a clastic (sandstone?) unit containing bluish quartz grains and sulphide clasts was intersected over 3.4 m.

Fourteen samples were analyzed from this hole, representing 15% of the total length of core drilled. Values in zinc range from 29 ppm to 4.04% Zn, with 4 samples from 100-300 ppm, 6 samples from 300-700 ppm, and 3 samples above 700 ppm.

Hole KW97-5

Hole 5 was completed as a 200 metre step-out, on strike with Hole 4 to the south. Three zones of interest were intersected in this hole. The barite zone intersected in Hole 4 was projected to occur at an interval of 20.7 to 37.7 metres in this hole, where only 30% of the core was recovered. White staining on fractures may be due to secondary zinc minerals, although no visible sphalerite or barite was recovered. The second zone of interest occurs from 142.6 - 147.7 metres, where sandstone has been silicified and intensely quartz-veined and brecciated. Local seams and coarse-grained patches of sphalerite and galena, as well as trace chalcopyrite occur in this unit. The last 0.5 m of this interval is semi-massive pyrite. Several very thin, altered pyritic quartz porphyritic dykes were also intersected in this zone. A third mineralized interval, from 229.8 - 230.7 m, contains several percent sphalerite in a pyritic breccia of probable hydrothermal origin. The enclosing black slate contains minor sphalerite and galena in quartz veins as well as a broad zone with white staining on fractures. Thin beds of pyritic sandstone similar to that in Hole 4 were intersected at 74 m and 235 m. Fine-grained pyrite laminations in argillite, including beds up to 1.5 cm thick, first appears at 92 m.

A total of 78 core samples were analyzed, representing 36% of the total length of core drilled. Twenty-one samples were in the range of 100-300 ppm Zn, 12 samples from 300-700 ppm, and 13 samples were above 700 ppm Zn. Elevated zinc values are associated with samples containing abundant quartz veining and in many of the intervals where white staining was noted.

Table 2: Summary Drill Results

Hole Number	Grid Coord. Bearing/Dip	Total Length (m)	Interval (m)	Width (m)	Zn (ppm)	Pb (ppm)
KW97-1	3750N, 5350E 090°/-45°	44.5				
KW97-2	4600N, 5325E 090°/-45°	159.7	116.3 - 116.8	0.5	4976	
KW97-3	4800N, 5360E 090°/-50°	181.4				
KW97-4	4560N, 4340E 080°/-45°	106.7	35.6 - 36.7	1.1		2394
			36.7 - 38.7	2.0	5071	
			includes: 36.9 - 37.1	0.2	4.04 %	1250
			37.1 - 37.7	0.6	2840	488
KW97-5	4335N, 4375E 062°/-45°	255.1	10.7 - 11.9	1.2	390	
			25.3 - 32.3	7.0	668	
			29.2 - 32.3	3.1	1369	
			59.9 - 60.6	0.7	987	
			122.8 - 123.9	1.1	2763	
			139.4 - 141.4	2.0	2271	
			145.6 - 146.8	1.2	3832	1234
			149.6 - 150.2	0.6	4552	
			182.9 - 192.9	10.0	314	
			191.7 - 192.9	1.2	426	1270
			208.0 - 214.0	6.0	454	
			217.0 - 220.0	3.0	1003	
			222.2 - 232.3	10.1	2803	
			222.2 - 226.2	4.0		308
			229.8 - 230.7	0.9	2.67 %	

GEOLOGICAL INVESTIGATIONS

Several days were spent prospecting and mapping outcrops along the Liard River and particularly around the Main and Barite Showings. A total of 21 rock samples were collected for analysis. See Figure 6 for sample locations and Appendix B for descriptions.

In the area of the Main Showing south of the border, sphalerite and galena occurs along a fault contact between graphitic argillite and an overlying black chert unit. This fault zone, which strikes 090° and dips 35° S., is exposed along an old trench about 80 ft. above the south bank of the river. A chip sample across 1 metre true thickness (RW7A) returned 3.06% Zn and 3.08% Pb, and a selected high grade sample (RW6) produced 7.98% Zn and 5.53% Pb. A sample of pale yellowish-green stain (RW5) which covers large areas of outcrop in the area returned elevated values of 385 ppm Zn, 760 ppm As, and >10% Fe.

Examination of outcrops along the bluffs at the north end of the grid located sandstone containing fine disseminated pyrite with elevated values of 236 ppm Zn and 512 ppm Pb. A chip sample of argillite at the contact with the tuff returned 1159 ppm Zn. Barite veinlets were also noted to occur in sandstone/quartzite.

At the West Showing, zinc and lead sulphide mineralization occurs in a barite vein, oriented at 340°/85°W and with a true thickness of 2.25 metres. Localized, highly irregular patches and streaks of massive brown sphalerite, up to at least 5 cm and medium to coarse galena up to at least 4 cm occurs within the barite. A high grade sample of galena in barite (RW12) assayed 10.8% Pb, 44.2 g/T Ag, and 42.3% Ba. A piece of float containing sphalerite in massive barite assayed 5.80% Zn and 41.3% Ba. On the north side of the river, a boulder (RW20) of massive coarse crystalline galena and barite returned 70.20% Pb and 44.5 g/T Ag.

SOIL GEOCHEMISTRY

A reconnaissance soil geochemical survey was undertaken in July of 1997 in the southwestern claim area. A 7.5 km grid consisting of three northwest trending lines, spaced 200 m apart was established in the southwestern claim area [Figure 6]. A total of 148 soil samples were collected at 50 m intervals. The grid is located to the east of an aeromagnetic high anomaly. This anomaly is approximately 800 m wide by 2,200 m long and may represent an intrusive source.

Methods

Samples were collected from the "B" horizon by digging a hole with a grub-hoe or round nosed shovel. The soils were placed in a kraft sample bag, and numbered with the grid coordinate location of the sample. The samples were dried before shipping to Acme Analytical Laboratories Ltd. in Vancouver, B.C. for analysis. A 30-element ICP analysis was conducted on all soil samples.

Results

Values in base metals are generally low, with the exception of a few isolated zinc anomalies [Figure 5]. Lead values range from <3 to 14 ppm (avg. 7 ppm), zinc from 3 to 158 ppm (avg. 64 ppm), and copper from 2 to 16 (avg. 7 ppm). Silver values are all below detection limit of 0.3 ppm, except for one value at 1.2 ppm. There does not appear to be any correlation between values.

No anomalies of significance were returned in these samples, although the nature and extensive thickness of the overburden may have been a factor. The surficial geology map of the Watson Lake area by Klassen and Morison (1982) identified silt, sand, and gravel deposits of glaciofluvial and glaciolacustrine origin, from 5 to 50 m thick underlying the soil grid area.

DISCUSSION / CONCLUSIONS

Although the drilling on the Watson Property did not intersect stratiform zinc-lead mineralization, there are several indications of an exhalative environment and the potential for nearby sulphide accumulations. Holes 2 and 3 tested coincident airborne and ground geophysical anomalies which are concluded to result from graphitic horizons producing the VLF-EM response and a deeper metamorphosed unit which generated the magnetic high anomaly. The intense quartz-carbonate veining found in these two holes and the minor zinc occurrences in the veins suggests a remobilization of sulphides during the folding of the strata. Holes 4 and 5, drilled on strike of the Barite Showing provide further indications of the presence of minerals associated with a sedimentary exhalative environment. Hole 4 intersected sphalerite and galena within the barite vein and within quartz veins and patches in the surrounding slates. Most of the samples from this hole also contained high background levels of zinc in the slate (several hundred ppm).

Similarly, hole 5 intersected zinc and lesser galena in several different lithologies, including hydrothermally brecciated sandstone, an andesitic dyke, and a pyritic breccia with about 10% sphalerite. Several large intervals of slate with coatings of possible zinc bloom also produced elevated zinc values of several hundred ppm. Bedded fine-grained pyrite was found in much of the argillite, including locally minor semi-massive pyrite up to 3 cm thick.

Geological mapping and prospecting in the bluffs along the Liard River provided some additional hints to the nature of the geology and mineralization in the property. Outcrops on the south side of the river include units of sandstone and slate with elevated zinc and lead, and veinlets of barite in sandstone. High grade samples from the Barite Showing returned several percent zinc and lead. On the north side of the river across from the showing, a thick unit (> 20 m) of fine-grained bedded pyrite in carbonaceous shales was examined, and has been previously described by Scott, 1987. The presence of such mineralization is indicative of restricted basinal conditions which are favourable for sedex deposits. A high-grade boulder of coarse crystalline galena in barite found nearby may have originated from the till above the cliffs, as previous work by St. Joseph's in 1979 recognized basal till ferricrete with barite boulders in this area.

In the B.C. portion of the property mineralization of possible stratiform nature occurs at the Main Showing consisting of bands of lead-zinc sulphides in graphitic slate and silty limestone, which was previously mapped and described by Logan Mines in 1981. Billiton Canada also examined the showing in 1984 and suggested that the area may be close to a sedex vent or feeder zone due to the nature of the veining, alteration, metal ratios and massive, brecciated sulphides. Recent mapping by the B.C. Geological Survey (Ferri et al., 1997) on the opposite side of the river describes veins related to regional folding, but did not rule out the possibility that some of these veins represent a syn-sedimentary feeder system.

Extensive geophysical surveys by Billiton in 1984 indicated a broad zone of coincident VLF-EM, horizontal loop EM, induced polarization, and resistivity low anomalies from at least the north end of the river extending south across the border over a width of about 700 m. A gravity survey indicated two small anomalies on the southernmost end of the grid, but a subsequent survey by Samarkand Resources in 1987 detected a broader, more subtle anomaly. The discrepancies are due to the use of a different terrain correction factor. It was concluded that the anomaly may consist of one gravity anomaly up to 2 milligals in strength which increases to the north, and may be due to a deep source.

Further work on the property should include trenching to expose the zones intersected in Holes 4 and 5, where the overburden appears to be thin. Hole 4, which stopped short of the second and third zones of mineralization intersected in the fifth hole, should also be deepened. South of the border, the broad gravity anomaly should be further delineated with a survey expanding the area covered by Samarkand's program.

REFERENCES

- CUKOR, V. (1980): Roman Claims, Report on Diamond Drill Program; *for* Logan Mines Ltd.; Yukon Assessment Report #90689; 8 p.
- CUKOR, V. (1981): Geochemical and Geophysical Report, Roman Group *for* Logan Mines Ltd.; BC MEMPR Assessment Report #9855; 12p.
- FERRI, F., REES, C., NELSON, J. & LEGUN, A. (1997a): Geology of the Northern Kechika Trough; *in* Geological Fieldwork 1996, B.C Ministry of Employment and Investment, Paper 1997-1, pp.125-144.
- GABRIELSE, H. (1963): McDame Map-Area, Cassiar District, British Columbia; GSC Memoir 319; 138p.
- GABRIELSE, H. (1967): Watson Lake Geology, GSC Map 19-1966, scale 1:253,440
- GABRIELSE, H. and YORATH, C.J. (1992): Geology of the Cordilleran Orogen in Canada; Geological Survey of Canada.
- GORDEY, S.P., ABBOTT, J.G., ORCHARD, M.J. (1982): Devono-Mississippian (Earn Group) and younger strata in east-central Yukon; *in* Current Research, Part B, Geological Survey of Canada, Paper 82-1B, p.93-100.
- KLASSEN, R.W. (1978): A unique stratigraphic record of late Tertiary-Quaternary events in southeastern Yukon; Canadian Journal of Earth Sciences, v.15, pp.1884-1886.
- KLASSEN, R.W. and MORISON, S.R. (1982): Watson Lake Surficial Geology, 1:250,000 scale; GSC Map 21-1981.
- MACINTYRE, D.G. (1991): Sedex — Sedimentary-Exhalative Deposits; *in* Ore Deposits, Tectonics and Metallogeny in the Canadian Cordillera; BC MEMPR Paper 1991-4, pp.25-70.
- MARK, D.G. (1988): Geophysical Report on the Roman Property *for* Samarkand Resources; BC MEMPR Assessment Report #17618; 56p.
- RAINSFORD, D.R.B (1984): Geophysical Report on Val, Roman 50, Rom 1, Rom 2, Vent 19 Claims *for* Billiton Canada Ltd.; BC MEMPR Assessment Report #12731; 26p.
- SCOTT, T.C. (1987): Report on the Roman Property, Watson Lake Mining District, Yukon and Liard Mining Division, British Columbia; *for* Samarkand Resources Inc; Yukon Assessment Report #62273.
- WHEELER, J.O. and McFEELY, P. (1991): Tectonic assemblage map of the Canadian Cordillera and adjacent parts of the United States of America; Geological Survey of Canada, Map 1712A, scale 1:2,000,000.

1997 Watson Property Cost Statement (Yukon Claims)

Watson 2-7,11-13 and Liard 20-23 Claims:

Soil Sampling (July 13)	
J. Donaldson - 1 day @ \$250/day	250
T. Young - 1 day @ \$175/day	175
S. Skiber - 1 day @ \$100/day	100
Accommodation & Meals	
3 person days @ \$105/day	315
Travel	
Helicopter support - 0.4 hrs. @ \$800/hr.	320
Analyses	
149 soil samples @ \$7.80/sample (ICP)	1,162
Shipping	144
Supplies & Equipment Rental (apportioned cost)	65
Report Preparation / Drafting (apportioned cost)	200
Total:	\$2,731

\$2,731 / 13 claims = \$210 per claim

Watson 12 Claim:

Prospecting	
R. Walker - May 28; 0.5 days x \$400	200
Accommodation & Meals	
0.5 person days @ \$105/day	53
Travel	
Airfare (apportioned)	26
Helicopter support - 0.15 hrs. @ \$800/hr.	120
Analyses	
2 rock samples x \$16.20 (ICP+Au)	32
1 x \$10.75 (Ag)	11
1 x \$8.75 (Ba)	9
Supplies & Equipment Rental (apportioned cost)	16
Report Preparation / Drafting (apportioned cost)	19
Total:	\$486

Watson 17 Claim:

Drilling (including mob/demob)	
361.8 m @ \$97.28/m	35,196
Wages	
S. Young, Supervision - May 13,14,25,26,29-Jun 6; 13 days x \$350	4,550
R. Walker, Senior Geologist - May 23-Jun 6; 13.5 days x \$400	5,400
R. Chow, Geologist - May 29-Jun 10; 13 days x \$150	1,950
Accommodation & Meals	
39.5 person days @ \$105/day	4,148
Travel	
Airfare (apportioned)	2,051
Vehicle - 13 days @ \$40/day	520
Helicopter support - 11.8 hrs. @ \$800/hr.	9,440
Analyses	
92 drill core samples @ \$8.70/sample (ICP)	800
41 samples @ \$7.50/sample (Au)	307
2 x \$8.75 (Zn) + 3 x \$8.75 (Ba)	44
Supplies & Equipment Rental (apportioned cost)	1,287
Report Preparation / Drafting (apportioned cost)	1,519
Total:	\$67,211

Watson 19 Claim:

Prospecting	
R. Walker - May 21,22,29; 2 days x \$400	800
Accommodation & Meals	
2 person days @ \$105/day	210
Travel	
Airfare (apportioned)	104
Vehicle - 1 day @ \$40/day	40
Helicopter support - 0.61 hrs. @ \$800/hr.	488
Analyses	
8 rock samples x \$8.70 (ICP)	70
5 Ba, 3 Zn, 1 Cu, 1 Pb x \$8.75	88
4 Ag x \$10.75	43
Supplies & Equipment Rental (apportioned cost)	65
Report Preparation / Drafting (apportioned cost)	77
Total:	\$1,985

Watson 20 Claim:

Prospecting	
R. Walker - May 20-21; 1 day x \$400	400
Accommodation & Meals	
1 person day @ \$105/day	105
Travel	
Airfare (apportioned)	52
Helicopter support - 0.30 hrs. @ \$800/hr.	240
Analyses	
2 rock samples x \$16.20 (ICP+Au)	32
1 x \$14.00 (whole rock)	14
1 x \$8.75 (Ba)	9
Supplies & Equipment Rental (apportioned cost)	33
Report Preparation / Drafting (apportioned cost)	38
Total:	\$923

Watson 29 Claim:

Drilling (including mob/demob)	
45.1 m @ \$97.28/m	4,387
Wages	
S. Young, Supervision - May 7,8,16,17; 3.5 days x \$350	1,225
R. Walker, Senior Geologist - May 17; 1 day x \$400	400
R. Chow, Geologist - May 12,13,17; 2.5 days x \$150	375
Accommodation & Meals	
7 person days @ \$105/day	735
Travel	
Airfare (apportioned)	363
Vehicle - 5 days @ \$40/day	200
Helicopter support - 2.59 hrs. @ \$800/hr.	2,072
Supplies & Equipment Rental (apportioned cost)	228
Report Preparation / Drafting (apportioned cost)	269
Total:	\$10,254

Lee 8 Claim:

Drilling (including mob/demob)	
181.4 m @ \$97.28/m	17,647
Wages	—
S. Young, Supervision - May 11,12,13; 3 days x \$350	1,050
R. Walker, Senior Geologist - May 15,20,21; 3 days x \$400	1,200
R. Chow, Geologist - May 15,23-28; 7 days x \$150	1,050
Accommodation & Meals	
13 person days @ \$105/day	1,365
Travel	
Airfare (apportioned)	675
Vehicle - 9 days @ \$40/day	360
Helicopter support - 4.19 hrs. @ \$800/hr.	3,352
Analyses	
19 drill core samples @ \$16.20/sample (ICP+Au)	308
4 samples @ \$8.75/sample (Ba)	35
Supplies & Equipment Rental (apportioned cost)	424
Report Preparation / Drafting (apportioned cost)	500
Total:	\$27,966

Lee 10 Claim:

Drilling (including mob/demob)	
159.7 m @ \$97.28/m	15,536
Wages	
S. Young, Supervision - May 9,10,13,18,19; 4.5 days x \$350	1,575
R. Walker, Senior Geologist - May 18-20; 3 days x \$400	1,200
R. Chow, Geologist - May 13,14,18-22; 6.5 days x \$150	975
Accommodation & Meals	
14 person days @ \$105/day	1,470
Travel	
Airfare (apportioned)	727
Vehicle - 6 days @ \$40/day	240
Helicopter support - 3.64 hrs. @ \$800/hr.	2,912
Analyses	
20 drill core samples @ \$16.20/sample (ICP+Au)	324
3 samples @ \$8.75/sample (Ba)	26
Supplies & Equipment Rental (apportioned cost)	456
Report Preparation / Drafting (apportioned cost)	538
Total:	\$25,979

Grand Total: \$137,534

STATEMENT OF QUALIFICATIONS

I, Rita Chow of 5615 Dumfries Street, Vancouver, British Columbia, do hereby declare that:

1. I graduated from the University of British Columbia with a B.Sc. Degree (first class standing) in Geological Sciences in May, 1995.
2. I have been employed by KRL Resources Corp. since June of 1995.
4. This report is based on work done on the property between May 7th - July 15th of 1997 and on references as listed.



Rita Chow, B.Sc.
February 13, 1998



093892

Soil Statistics				
No. of samples = 149				
	Zn (ppm)	Pb (ppm)	Ag (ppm)	Cu (ppm)
min	2	< 3	< 0.3	2
max	158	15	1.2	16
mean	64	7	0.2	7
std dev	30	3	0.1	3
threshold	123	13	0.4	12

Values in ppm: Zn, Pb, Ag, Cu

Anomalous values underlined

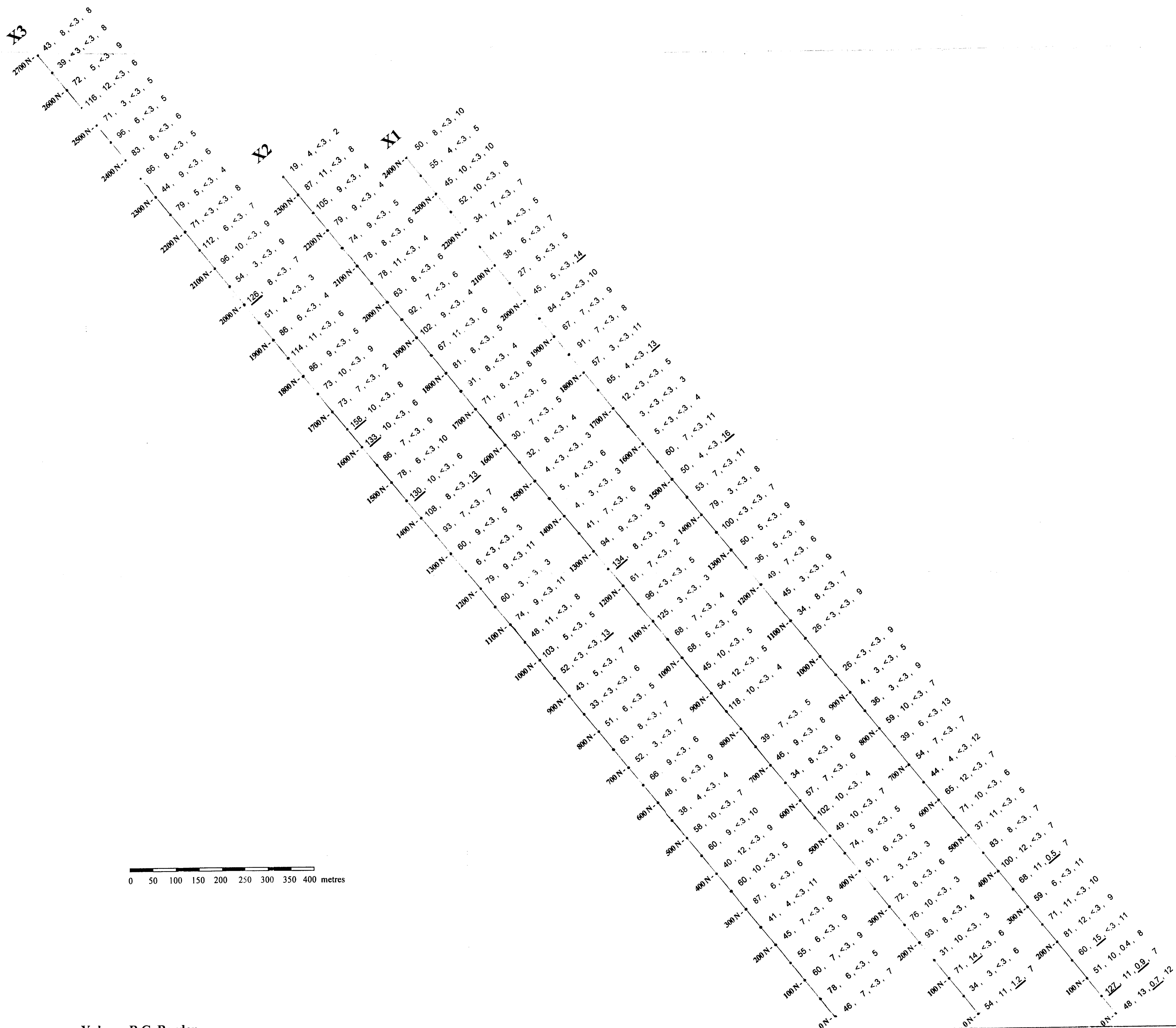
Figure 5

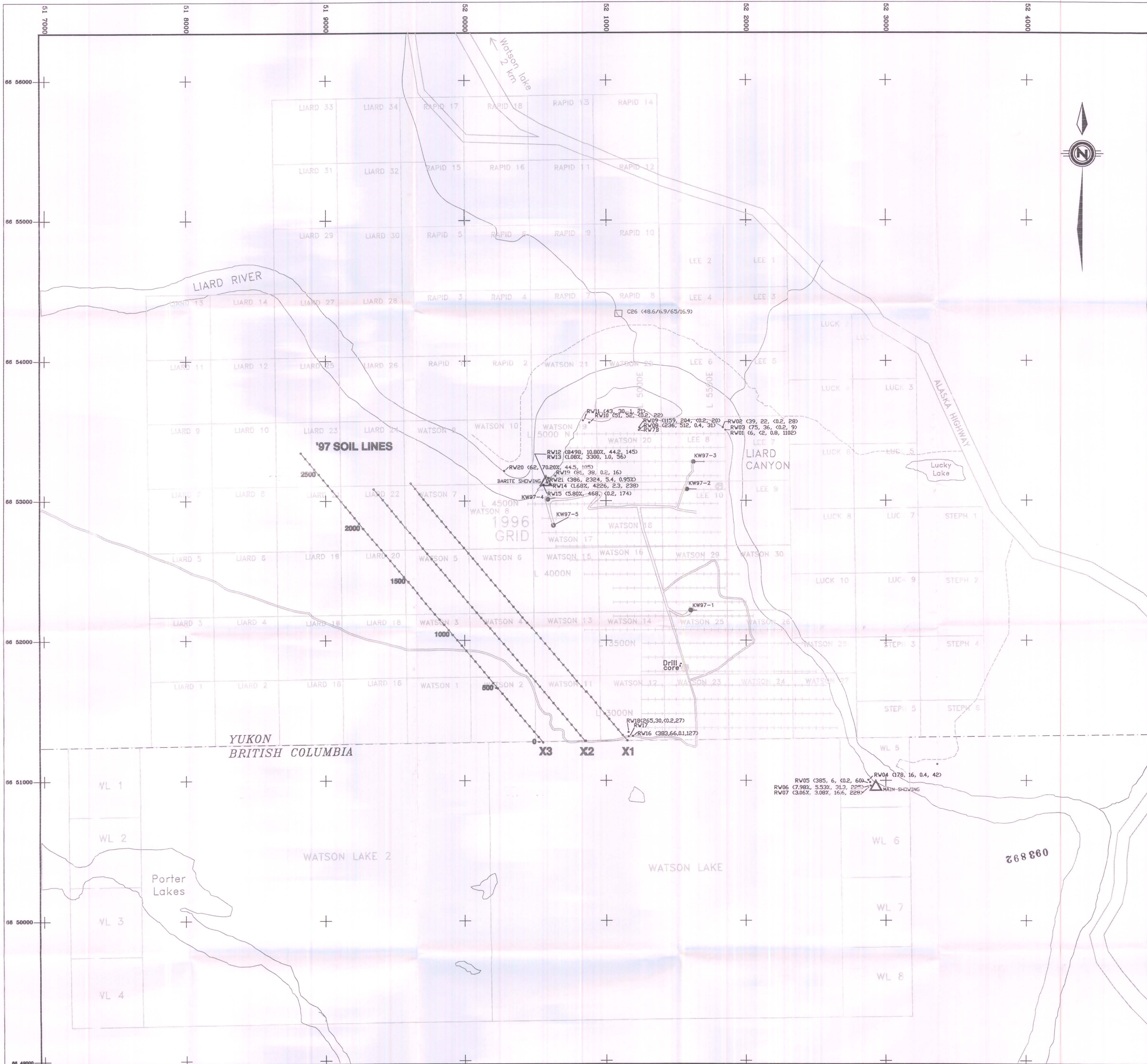
KRL RESOURCES CORP.	
WATSON PROPERTY	
SOIL GEOCHEMISTRY	
NTS 105A/2	Watson Lake M.D.
Scale: 1:5,000	September, 1997

DIAND - YUKON REGION, LIBRARY

Yukon - B.C. Border

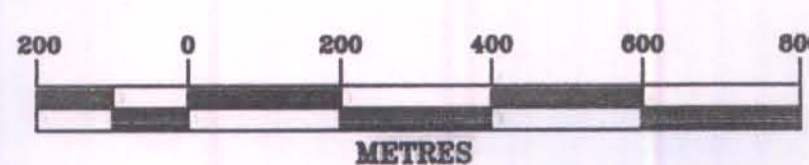
0 50 100 150 200 250 300 350 400 metres





LEGEND

- STREAM / RIVER
 - CLAIMS
 - CAT TRAIL
 - '97 SOIL LINES
 - MINERAL SHOWING
 - SEDIMENT SAMPLE
 - DRILL HOLE
 - ROCK SAMPLE
- ALL SAMPLE VALUES IN PPM



KRL Resources Corp.

WATSON PROJECT

COMPILATION MAP
1997 WORK PROGRAM

Drawn: J.D.	Checked: R.C.	Scale: 1: 10 000	Drawing: WAT97DDH.DWG
Date: AUG, 1997	Revised: FEB, 1998	Province: BC / Yukon Territory	NTS: 105A2 / 104P15

APPENDIX A

Drill Logs

KRL RESOURCES CORP. <i>Watson Property, Liard Canyon Area, Yukon</i>		NTS Map Number: 105A/2 Mining District: Watson Lake Claim: Watson 29	Drilled by: DJ Drilling Ltd. Date: May 16-17, 1997	DRILL HOLE: KW97-1
COLLAR LOCATION Grid Coord: 3750N, 5350E UTM Coord: 66522119N, 521605E		AZIMUTH: 090° DIP: -47° CORE SIZE: NQ	ELEVATION: TOTAL LENGTH: 44.5 m (146 ft.)	

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
0.0	44.5			Overburden. Recovered some alluvial gravel with lots of rock clasts (glaciofluvial), and ~ 10 ft. of silty clayey glacial till with base grading to compact sand. Below the till, recovered a more qtz rich alluvial gravel with clasts of qtz, qtzite, and cherty clast and a matrix of coarse sand and grit; feldspathic rock clasts rare below till. Hole abandoned before reaching bedrock.								

KRL RESOURCES CORP. <i>Watson Property, Liard Canyon Area, Yukon</i>		NTS Map Number: 105A/2 Mining District: Watson Lake Claim: Lee 10	Drilled by: DJ Drilling Ltd. Date: May 18-20, 1997 Logged by: R. Chow	DRILL HOLE: KW97-2
COLLAR LOCATION Grid Coord: 4600N, 5325E UTM Coord: 6653081N, 521579E		AZIMUTH: 090° DIP: -45° CORE SIZE: NQ	ELEVATION: TOTAL LENGTH: 159.72 m (524 ft.)	

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
0.0	6.10			Casing.								
6.10	11.17			Dolomitic Siltstone - Slate Interbeds Light grey dolomitic siltstone (70%) and dark grey slate (30%) interbeds; dolomite occurs as thin beds <0.5 cm and slate as fine laminations <0.2 cm. Predominantly unveined. Beds are folded; variable bedding angles. Pyrite occurs locally as fine disseminations within the dolomitic beds, <1% overall. Minor gouge at 6.30 m, 10.62 m.								
11.17	12.80			Carbonaceous Phyllite/Slate Black carbonaceous phyllite with lesser dolomitic intervals. Quartz and carbonate veins, 15% overall. Disseminated pyrite in the veins and phyllite, 2%. Yellowish grain of sphalerite < 1 mm in quartz at 12.5 m.								
		11.47	12.05	Black carbonaceous slate with 5% qtz veins. 1-2 cm gouge seams at top, middle & bottom. Slaty cleavage @ 30°; gouge seams @ 60-70°. Veining concordant and discordant. Very carbonaceous. 2-3% v. fine dissem. pyrite in slate and trace pyrite in veins.	20301	11.47	12.05	0.58	16	66	1.4	51
		12.05	12.80	Black carbonaceous slate to dk. grey marly siltstone; dolomitic. 3% dissem fine py except 3 cm with 15% dissem. coarse py and one grain of probable sphalerite, 1 mm in qtz.	20302	12.05	12.80	0.75	20	59	1.3	64
12.80	28.52			Veined Slate - Dolomitic Siltstone Dark grey slate and light grey dolomitic siltstone interbedded as fine laminations < 1mm thick to 6 mm for dolomitic beds. Beds are folded, angles range 20-65°. Veins composed of 60% qtz, 40% carb, with increasing abundance down section to about 30%. Veins from 1 mm to several cm wide, mainly parallel to bedding; some crosscutting. Increasing								

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
				amount of dolomitic beds down section, up to > 50%. Several fracture surfaces contain a deep brownish red coating, fine gr. earthy (Hg?). Pyrite occurs as fine dissem. mainly within the dolomitic beds, 1% overall.								
		13.69	13.72	Gouge seam.								
		18.31	18.72	Laminated lt. grey, v. fine-gr. dolomite (50%) and dolomitic black slate. Bedding folded, 0-50°. 25% qtz-dol veining, mostly discordant, some concordant; veins ~ 50% qtz, 50% dol with minor fine dissem py. Veining starts abruptly at top of sample at grind; decreases gradationally at bottom; veins to 4 cm. No lost core.	20303	18.31	18.72	0.41	3	56	<0.3	22
		19.54	20.02	Laminated to thin bedded dk. grey slate 80%, med. to lt. grey dolomitic siltstone 20%; 5% conform. qtz-dol veins to 3 mm, 10% discord. veins to 5 cm. One grain of galena 1 mm in the 5 cm vein of 90% qtz, 10% dol. Bedding folded, 0-90°.	20304	19.54	20.02	0.48	6	52	0.3	16
		26.26	26.36	Plastic clay seam.								
28.52	35.93			Phyllite - Dolomitic Siltstone Med. to dark, grey to black finely laminated interbeds of phyllite (70%) and dolomitic siltstone (30%). Less veining in this interval, about 5% overall of mainly carbonate. Core to bedding angles are generally low. Minor v. fine dissem. pyrite in the beds, <1%. Few dark brownish-red fracture coatings.								
35.93	42.47			Veined Dolomitic Siltstone - Phyllite Interbedded sequence of light grey dolomitic siltstone (30%) and dark grey to black phyllite (70%). Beds are mostly finely laminated; dolomitic beds occas. up to 5 mm thick. Moderately weak folding; bedding angles of 60-90°; 75% concordant, 25% discordant; generally < 5 mm but up to 3 cm. Several fracture surfaces are coated with deep rusty red mineral or graphite. Minor dissem. pyrite noted in black phyllitic beds, < 1%. Non-magnetic.								
		37.67	37.74	Fault gouge.								
42.47	46.33			Dolomitic Siltstone - Phyllite Very finely laminated interbeds of light grey dolomitic siltstone (70%) and black phyllite (30%). Beds are < 1 mm thick; angles of 55-65°, becoming shallower in the lower 1 m (~ 40°). Veining (4%) composed of 60% carbonate (some yellowish) and 40% qtz.; 80% concordant, 20% discordant; most ~ 5 mm wide, but up to 1.5 cm. Few red fracture coatings								

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
				and graphitic coatings. Fine, dissem. pyrite 1-2% in the beds. Non-magnetic.								
46.33	80.80			Veined Dolomitic Siltstone - Phyllite Interbedded sequence of dark grey to black phyllite (50%) and light grey dolomitic siltstone (50%) similar to previous descriptions. Bedding angles generally steep (65-90°) except from 46.33-51.64 m, 53.5-62.79 m. Veining about 25-30%, consisting of 60% carb, 40% qtz, from mms up 10 cm wide; about 4% of veining is a pale yellowish weathered (from acid?) carbonate. About 80% of veins are concordant, 20% discordant. Fine dissem. pyrite (1%) favouring dolomitic beds. Several graphitic and red fracture coating noted. Fault gouge from 53.14-53.26 m, 65.34-65.39 m, 68.84-68.88 m. About 1 m core lost between 68.88-70.10 m. Non-magnetic.								
		48.56	49.76	90% qtz-dol veining, discordant; 50% qtz at top increasing to 70% qtz at bottom. 5% lt. grey dol, 5% slate. Carb colour ranges - white, yellowish, grey; all low fizz carb. Not sulfidic. Bedding @ 20°.	20305	48.56	49.76	1.20	8	33	<0.3	9
		49.76	51.40	50% qtz-dol veining up to 20 cm, mostly discordant passing to 30% concordant veins to 1 cm over lower 0.3 m. Wall rock is laminated; lt. grey dolomite 50% and dolomitic slate 50%. Slate is moderately carbonaceous and black. Bedding uniform @ 60°.	20306	49.76	51.40	1.64	5	26	<0.3	24
		59.52	60.71	Dark grey-black, weakly carbonaceous slate with 5% grey dol beds to 5 mm. 50% qtz-dol veining; veins composed of ~65% qtz, 35% dol; 50% concordant, 50% discordant; up to 4 cm. Very minor fine dissem cpy in one 2 cm discordant vein. Bedding @ 25°.	20307	59.52	60.71	1.19	4	51	<0.3	68
					20308	71.43	72.43	1.00	4	51	<0.2	28
80.80	92.05			Graphitic Dolomitic Siltstone Dark black graphitic interbeds (30%) occur as fine laminations within light grey dolomitic siltstone; also several graphitic gouge section and one highly graphitic interval with ~ 90% graphite. Beds are folded; bedding angle generally steep. Veining totals 15%, composed of 60% carbonate, 40% qtz; most of the carb veins are narrow (<2 mm) and parallel to bedding (~75%). Quartz-carb veins up to 10 cm wide, with occas. yellow wx. carbonate mineral. Dissem. pyrite, fine grained in graphitic beds and coarser grained within carbonate veinlets, ~2-3% overall. Abnt graphitic gougy intervals of several cm, some up to 15 cm.								
		83.67	84.92	Highly graphitic (90%) interval, dark black, fine-gr. with 5% med. grained	20309	83.67	84.12	0.45	26	49	0.4	38

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
				dissem. pyrite.	20310	90.58	91.28	0.70	14	38	<0.2	23
92.05	141.43			Veined Dolomitic Siltstone - Phyllite Laminated interbeds of light grey dolomitic siltstone and dark grey to black phyllite/slate, similar to previous descriptions. Beds are folded; bedding angles generally steeper from 92.05-106 m and shallower from 106-144.43 m. Veining accounts from about 15-20% overall and is composed of 60% qtz, 40% carb in veins mostly < 1 cm, but with several > 15 cm wide; occas. yellow wx carb; about 75% concordant, 25% discordant. Pyrite (1%) occurs as fine to med. grained dissem. in mainly dolomitic beds and veins. Minor gouge seams between 100.88-101.93 m; 10 cm @ 104.75 m and 116.0 m; fault zone from 112.0 - 112.78 m.	20311	104.85	106.05	1.20	4	42	<0.2	19
		116.13	119.79	Zone of sphalerite mineralization; fine to med. grained (up to 3 mm), med. to dark yellow-brown, recrystallized, occurring in conformable dolomitic veins and beds with fine-gr. pyrite and trace cpy. Sphalerite locally up to 10%; most abundantly mineralized interval between 116.33 - 116.83 m. Bedding parallel to core.	20312	116.33	116.83	0.50	2	4976	<0.2	24
					20313	124.38	125.88	1.50	2	45	<0.2	18
					20314	129.94	130.64	0.70	12	67	<0.2	27
					20315	137.72	139.28	1.56	16	88	<0.2	22
141.43	159.72			Porphyroblastic Argillite / Dolomitic Siltstone-Slate Interbeds of laminated dolomitic siltstone-slate (as previously described) and porphyroblastic argillite. The argillite contains light grey to dark black laminations with 30% distinctive light greenish grey porphyroblastic grains (chloritoid ?); grains are equant, < 1mm, mod. hardness (scratches), greenish streak, weakly magnetic, and wrapped by the foliations. The argillite has low carbonate content and appears to be the metamorphosed equivalent of the siltstone-slate unit; (source of mag high anomaly?). Veining decreases down section, ~ 15% overall, consisting of 70% qtz, 30 % carb (some calcite); 80% concordant, 20% discordant. Bedding angles are variable, alternating between shallow and steep intervals. Sulphide mineralization appears minor; local pyrite in some dolomitic veins and beds. About 20 cm of gouge @ 137.52 m. Green mica @ 147.26 m.	20316	143.88	144.78	0.90	12	97	<0.2	17
					20317	147.26	148.42	1.16	18	58	<0.2	21
159.72				End of hole.								

KRL RESOURCES CORP. <i>Watson Property, Liard Canyon Area, Yukon</i>		NTS Map Number: 105A/2 Mining District: Watson Lake Claim: Lee 8	Drilled by: DJ Drilling Ltd. Date: May 20-23, 1997 Logged by: R. Chow	DRILL HOLE: KW97-3
COLLAR LOCATION Grid Coord: 4800N, 5360E UTM Coord: 6653276N, 521625E		AZIMUTH: 090° DIP: -50° CORE SIZE: NQ	ELEVATION: TOTAL LENGTH: 181.4 m (604 ft.)	

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
0.0	6.10			Casing.								
6.10	6.18			Overburden gravel, mud.								
6.18	67.97			Veined Phyllite (Slate) / Dolomitic Siltstone Interbedded laminations of light grey dolomitic siltstone (10-70%) and dark grey to black phyllite/slate (30-90%). Beds are folded and range from <1 mm to up to 1.5 cm for dolomitic beds; bedding angles ~ 45° from 6.18-23.89 m, shallow from 23.89-27.24 m, step from 27.24-27.74 m, variable from 27.74-42.2 m, ~45° from 42.2-47 m, shallow from 47.0-65.44 m. Veining accounts for 15-40% of core, overall ~ 25%; composed of 60% qtz, 40% carb; 75% concordant, 25% discordant; range from mm's to 15 cm wide, and one vein at 1.26 m (core length). Slaty cleavage shallow to 90°. Pyrite occurs as fine dissem. and patches in dolomitic veins and beds ~ 2% overall. Dark brownish-red fracture coatings common. Abn't gougy intervals, up to 10 cm from 6.18 - 19.91 m.								
		6.18	6.33	Weathered, oxidized, broken bedrock.								
		7.62	8.23	Grey, plastic mud gouge interval; 36 cm lost core.								
		10.96	12.22	Quartz vein with 20% carbonate; few argillaceous bands and an 8 cm gouge seam; no visible sulphides.	20318	10.96	12.22	1.26	<2	26	<0.2	1
		23.10	24.60	60% dol. siltstone; minor pyrite.	20319	23.10	24.60	1.50	2	46	<0.2	16
		32.0	45.0	Abn't gougy intervals and broken core; lost core includes 1.1 m from 34.75-36.27 m, 1.2 m from 37.49-39.01 m, 0.4 m from 39.01-39.93 m, 0.7 m from 39.93-40.84 m, 0.6 m from 40.84-42.21 m, 0.6 m from 42.21-43.28 m, 0.7 m from 43.28-44.5 m.								
				33.53-34.75: slate, 30% veining, 2% pyrite.	20320	33.53	34.75	1.22	6	82	<0.2	31

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
		46.1	52.76	Strongly veined interval, ~35%; crosscutting veins common.	20321	48.12	49.52	1.40	8	44	<0.2	17
		59.74	61.14	Slate, 25% veining, 1% pyrite.	20322	59.74	61.14	1.40	<2	18	<0.2	19
67.97	104.0			Dolomitic Siltstone - Slate/Argillite Similar to above but with less veining, ~10%. Veins composed of 80% carb, 20% qtz; 75% concordant, 25% discordant; most of carb veins are thin (≤ 1 mm) with some up to 1 cm; qtz veins mostly as larger veins up to 15 cm. 8 cm discord. qtz veins @ 65.5 m, 10 cm discord. qtz vein @ 91.7 m; no sulfides. More slaty near top, grading into argillite. Bedding angles generally 45° to steep. Pyrite (3%) as fine-med. dissem. and patches in dolomitic veins; few semi-massive lenses and veins with fine-gr. pyrite up to 1.5 cm wide. At 85.53 m, pyrite appears coarse-gr., recrystallized in a lense, surrounded by a rim of fine pyrite. Possible grey sulphide noted at ~87.0 m as fine-gr. dissem. in carb vein with pyrite.								
		76.60	84.73	More graphitic interval.								
		67.97	95.20	Gougy intervals up to 15 cm common; broken core.								
		67.97	70.71	1.5 m lost core.								
		70.71	71.93	0.3 m lost core.								
		71.93	74.68	1.0 m lost core.								
		75.29	76.81	0.9 m lost core.								
		76.81	78.64	0.6 m lost core. Slate, 25% veining, 1% pyrite.	20323	76.81	78.21	1.40	18	457	<0.2	37
		78.64	79.86	0.2 m lost core.								
		80.18	81.38	graphitic interbeds, 3% pyrite in veins.	20324	80.18	81.38	1.20	24	549	0.4	83
		81.38	82.60	0.6 m lost core.								
		82.60	83.52	0.3 m lost core.								
		86.90	87.17	graphitic; 4% pyrite; grey sulphide(?)	20325	86.90	87.17	0.27	14	228	0.2	34
		91.74	93.27	0.2 m lost core. 25% veining, some x-cutting; 2% pyrite.	20326	91.74	93.27	1.53	10	18	<0.2	44
		93.27	94.79	0.9 m lost core.								
		94.79	96.32	0.2 m lost core.								
		96.32	96.93	0.2 m lost core.								
104.0	126.70			Veined Dolomitic Argillite Black argillite interbedded with laminations of lt. grey dolomite; similar to								

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
				previous descriptions but with dolomitic beds appearing finer grained; overall rock composition is more argillaceous. Veining composes ~ 25%; 80% carb, 20% qtz; 60% concordant, 40% discordant; discordant veins predom. fine (≤ 2 mm) veinlets of carb. Bedding angles steep to 45°. Greenish sericite appears in carb veins ~ 124.1 m and a brown spotty mineral noted over 15 cm. Pyrite 1-2%, as fine-gr. dissem. to patches in dolomitic veins. Minor gouge at 116.9 m and 123.4 m; 5 cm gouge @ 125.28 m and 125.78 m.								
		104.0	105.0	25% carb veinlets, 2% pyrite.	20327	104.0	105.0	1.00	2	14	<0.2	27
		110.16	111.31	30% network veinlets, minor pyrite.	20328	110.16	111.31	1.15	6	63	<0.2	34
		122.53	123.52	20 cm lost core; 80% veining.	20329	122.53	123.52	0.99	4	34	<0.2	16
126.70	184.10			Porphyroblastic Argillite - Dolomitic Siltstone Interbeds of black porphyroblastic argillite and grey dolomitic siltstone. Argillite contains ~25% distinctive dk. grey porphyroblastic grains sim. to Hole 2 (chloritoid?) 0.5 - 1.5 mm; weakly magnetic, evenly distributed; appears synkinematic; mag anomaly due to higher metamorphic grade? Some intervals contain coarser grains and more foliated appearance. Bedding angles generally alternate between steep and shallow. Foliations perpendicular to core. Veining composes 20% of core; 60% carb, 40% qtz, with some of the carb as calcite, more effervescent towards bottom; 65% concordant, 35% discordant; qtz veins up to 20 cm. Pyrite appears minor to absent; minor sphalerite @ 161.69 m. Thin section sample @ 172.70 m.								
		127.68	129.23	35% veining.	20330	127.68	129.23	1.55	10	52	<0.2	27
		133.43	134.58	40% veining.	20331	133.43	134.58	1.15	2	42	<0.2	20
		136.08	155.80	More dolomitic laminations.								
		141.99	142.49	60% veining.	20332	141.99	142.49	0.50	2	43	<0.2	17
		156.35	157.35	30% veining.	20333	156.35	157.35	1.00	8	64	<0.2	30
		161.24	162.04	45% veining.	20334	161.24	162.04	0.80	4	51	<0.2	16
		174.06	175.06	25% veining.	20335	174.06	175.06	1.00	6	59	<0.2	24
		183.35	183.80	50% veining.	20336	183.35	183.80	0.45	10	65	<0.2	16
184.10				End of hole.								

KRL RESOURCES CORP. <i>Watson Property, Liard Canyon Area, Yukon</i>		NTS Map Number: 105A/2 Mining District: Watson Lake Claim: Watson 17	Drilled by: DJ Drilling Ltd. Date: May 23-26, 1997 Logged by: R. Chow	DRILL HOLE: KW97-4
COLLAR LOCATION: Grid Coord: 4560N, 4340 E UTM Coord: 6653010N, 520592E		AZIMUTH: 080° DIP: -45.5° CORE SIZE: NQ	COLLAR ELEVATION: TOTAL LENGTH: 106.68 m (350 ft.)	

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
0.0	15.85			Casing.								
15.85	17.07			Overburden gravel.								
17.07	25.30			Gougy and broken phyllite/slate.								
		17.07	18.90	Broken phyllite fragments; 1.1 m lost core; 15 cm gouge @ 17.07 m.								
		18.90	20.12	No core recovered.								
		20.12	21.95	75 cm lost core; 60 cm of graphitic gouge in centre of interval. Graphitic slate below gouge seam, ~ 20 cm recovered. Above gouge, 13 cm of qtz-carb veined slate.								
		21.95	23.16	Recovered broken bits of qtz-carb vein and gouge. 75 cm lost core.								
		23.16	25.30	Recovered gouge and 5 cm of qtz-carb vein. 1.8 cm lost core.								
25.30	26.21			Shale								
				Dark grey shales; soft, fissile, becoming more slaty towards bottom of interval. 10 cm lost core.								
26.21	36.67			Slate/Phyllite								
				Dark grey slate/phyllite with 5% lt. grey dolomitic sandstone and minor dark black graphitic laminations; bedding angles ~45°. Generally very broken core with several gougy intervals. Veining 4%, composed of 60% carb, 40% qtz, ≤ 1 cm wide; 70% concordant, 30% discordant. Fine-gr. pyrite, ½% in seams < 3mm and within qtz-carb veins.								
		26.21	28.35	Lost 1.1 m core; recovered 10 broken bits @ 26.21 m and 5 cm graphitic gouge @ 28.25 m.								
		28.35	29.26	Lost 30 cm core; consists of 50% broken, gougy core.								

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
		29.26	30.48	Lost 30 cm core; 50% of core is broken, 5 cm gouge @ 30.38 m.								
		30.48	31.00	Consists of 30% broken bits; 10 cm lost core.								
		31.00	32.31	Recovered 30 cm of gougy and broken bits @ 31.81 m; 20 cm lost core.								
		33.53	35.05	Shear and broken frags. from 33.53 - 33.78 m.	20415	34.38	35.60	1.22	94	142	0.6	48
		35.05	36.58	Broken frags, sheared from 35.7-36.48 m. Minor galena in piece of qtz @ end of interval. 50 cm lost core.	20416	35.60	36.67	1.07	2394	29	1.6	47
		36.58	36.67	Silicified and qtz. veined med. grey argillite. Pyrite 5%, is fine-gr. in qtz. vein.								
36.67	37.68			Barite Horizon								
				Greyish massive barite from 36.67-37.11 m with 25% qtz as anhedral clots.								
		36.67	36.91	Barite containing fine-gr. seams of galena, 2%; sphalerite, 1%, fine-gr. yellowish-brown grains assoc. with the galena.	20417	36.67	36.91	0.24	204	383	0.4	22
		36.91	37.11	Sphalerite (10%) in stringy patches and coarse crystalline clots up to 3 cm x 1.5 cm. Sphalerite is pale to dark yellowish-brown. Galena (3%) occurs as silvery metallic to dk. grey patches < 2 mm within the sphalerite and a few dissem and fine seams in the barite.	20418	36.91	37.11	0.20	1250	4.04%	<0.2	74
		37.11	37.68	More quartz-rich interval with 1% fine stringy veinlets of galena; minor cpy. Gougy lower fault contact.	20419	37.11	37.68	0.57	488	2840	0.4	56
		37.68	37.8	Gougy fault.								
37.68	76.35			Slate / Argillite								
				Fine-grained, dark grey to black slate/argillite with minor light grey, fine-gr. dolomitic sandstone laminations; bedding angle ~ 45°. Veining, 2-10%, composed of 75% carb, 25% qtz, most < 3 mm but up to 2.5 cm wide; 50% concordant, 50% discordant. Pyrite 1-2% as v. fine dissem. in the rock and as dissem. fine-gr. patches in veins. Few graphitic fractures.	20420	37.68	38.65	0.97	38	258	0.4	52
					20421	43.59	44.50	0.91	54	328	0.6	46
		46.30	46.35	Fault; crumbled core.								
		46.84	48.16	Broken, ground bits @ 47.24 m. 75 cm lost core.								
		51.25	51.82	Fault; broken core recovered; 30 cm lost core.								
		55.78	57.91	Large, broken pieces of core recovered; 1.7 m lost core.								
		57.91	59.74	No core recovered.								
		59.74	61.57	Recovered 10 cm of broken core and bits.								

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
		61.57	62.79	No core recovered.								
		62.79	63.70	Recovered 3 cm piece of qtz. vein.	20422	62.79	64.92	2.13	30	329	0.4	37
		63.70	64.92	45 cm lost core; 50% broken, ground bits. Recovered 10 cm of intensely qtz veined rock with 40% fine-gr. pale yellowish to dk. reddish brown sphalerite and 10% fine dissem. galena within the sphalerite.								
		64.92	66.00	Minor sphalerite noted @ 65.15 m. Interval contains 20% qtz veinlets, 3% pyrite, fine-gr. seams in argillite and within veins, minor sphalerite.	20423	64.92	66.00	1.08	44	972	0.4	64
		66.45	67.36	60 cm lost core; recovered 50% broken bits.								
		67.36	68.89	1.05 m lost core; broken, ground bits.								
		69.78	71.42	Pyritic, qtz veined. Abn't broken core from 70.00-71.32 m.	20424	69.78	71.42	1.64	72	432	0.6	43
76.35	77.01			Sandstone with Blue Quartz Dark grey, carbonaceous sandstone with 40% fragments ≤ 2 mm. Frags composed of predom qtz, mostly angular, shardy with 10% larger quartz grains (some bluish). About 5% pyrite occurs as fine grains within qtz frags. Quartz veining, 50%, consisting of veinlets up to 3 mm wide.	20425	76.35	77.01	0.66	14	109	0.2	18
77.01	78.15			Argillite Similar to previous descriptions.								
78.15	79.33			Sandstone with Blue Quartz Similar to above description, but with frags up to 3 mm. [Thin section sample @ 78.43 m].	20426	78.15	79.33	1.18	26	581	0.2	19
79.33	106.68			Argillite Dark grey-black, fine-gr. argillite with 20% lt. grey dolomitic sst. laminations. Qtz-carb veining, 4%; composed of 75% carb, 25% qtz; 60% concordant, 40% discordant; up to 2 cm wide. Bedding angle $\sim 45^\circ$. Pyrite 1%, in veins.								
		81.69	83.21	White, talc-like mineral on fracture surfaces noted.								
		84.00	84.43	60 cm lost core; 10 cm gouge @ 81.79 & 83.05 m.								
		84.43	85.34	Broken and minor gougy core.								
		85.34	86.87	45 cm lost core; broken and gougy.								
		86.87	89.00	1.5 m lost core; recovered broken bits and 15 cm of hydro. breccia.	20427	86.87	89.00	2.13	16	209	0.2	24

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
		89.00	89.92	30 cm lost core; broken bits and 30 cm of gouge recovered,								
		89.92	90.53	50% broken core.								
		91.34		5 cm gouge.								
		91.44	92.66	60 cm lost core; broken.								
		92.66	93.27	15 cm lost core; broken, gougy.								
		93.27	93.88	30 cm lost core; broken.								
		93.88	95.10	45 cm lost core; gougy intervals.								
		96.32	97.84	60 cm lost core; broken.								
				qtz veined	20428	102.41	103.94	1.53	38	311	0.6	47
		105.06		10 cm of broken bits.								
		105.16	106.68	Broken core; 1.2 m lost core.								
106.68				End of hole.								

KRL RESOURCES CORP. <i>Watson Property, Liard Canyon Area, Yukon</i>		NTS Map Number: 105A/2 Mining District: Watson Lake Claim: Watson 17	Drilled by: DJ Drilling Ltd. Date: May 26-30, 1997 Logged by: R. Chow	DRILL HOLE: KW97-5
COLLAR LOCATION Grid Coord: 4335N, 4375E UTM Coord: 6652828N, 520632E		AZIMUTH: 062° DIP: -45° CORE SIZE: NQ	COLLAR ELEVATION: TOTAL LENGTH: 255.12 m (837 ft.)	

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
0.0	6.10			Casing.								
6.10	43.28			Slate Dark black slate, weakly graphitic and highly broken (cleavage parallel to core); dolomitic; dk. reddish-brown fracture coatings common. Carbonate veining about 4%, most $\leq$ 2 mm.								
		6.10	7.92	90 cm lost core. Brownish weathered black slate.								
		8.84	10.67	75 cm lost core.								
		10.67	11.89	20 cm lost core.	20337	10.67	11.12	0.45	10	274	<0.2	54
		11.12	11.62	Pale bluish coatings on fractures.	20343	11.12	11.62	0.50	16	554	<0.2	84
		11.89	12.80	20 cm lost core.	20344	11.62	11.89	0.27	4	278	<0.2	77
		12.80	14.02	20 cm lost core.								
		14.02	15.85	30 cm lost core.								
		20.12	20.73	30 cm lost core.								
		20.73	23.16	No core recovered; 2.43 m lost core.								
		23.16	25.30	1 m lost core.	20338	23.16	24.23	1.07	8	182	<0.2	55
		23.26	37.49	White mineral coating (zinc bloom?) along fracture surfaces; flat crystal shapes, soft, not carbonate; more intense from 25.6-25.9 m.	20339	24.23	25.30	1.07	10	110	<0.2	55
		25.30	26.82	45 cm lost core.	20340	25.30	25.70	0.40	12	265	<0.2	62
					20341	25.70	26.82	1.12	14	146	<0.2	62
		26.82	29.26	2.2 m lost core.	20342	26.82	29.26	2.44	20	96	<0.2	46
		29.26	32.31	2.1 m lost core; dolomitic interval.	20345	29.26	32.31	3.05	20	1369	<0.2	54
		31.55	31.70	Brown-grey weathered dolomite bed with 5% thin network veinlets of dolomite up to 2 mm. Dk. grey black on fresh surface, porous.								

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
		31.70	42.67	Black slate, cleavage @ 30°; minor qtz veinlets to 37.49 m.								
		33.53	34.14	15 cm lost core.	20347	33.53	34.14	0.61	24	63	<0.2	37
		34.14	37.64	3.3 m lost core with 15 cm of broken pieces recovered; includes several pieces of semi-massive fine pyrite; minor white coatings; ocherous cavities.	20348	34.14	37.65	3.51	50	58	<0.2	54
				Note: Barite zone projected to occur ~ 120 ft. (36.58 m) in missing core interval.	20349	37.65	38.40	0.75	18	65	<0.2	30
		41.45	42.67	15 cm lost core.								
		42.67	43.89	45 cm lost core.								
		42.67	42.98	Med. grey dolomitic siltstone with 15% veinlets of qtz-carb to 3 mm. Veinlets occur as angular oblique network plus thicker patchy qtz dol veins to 2 cm which cut the fine network. Dolomite is v. fine, thin bedded at 50°. 3 cm graphitic mud gouge @ 42.67 m.								
		42.98	43.28	Black slate, very graphitic; minor qtz.								
43.28	59.85			Veined Argillite								
				Black, fine-gr. argillite/slate containing 25% veining. Abn't gougy, broken core intervals and lost core. Veins composed of 65% qtz, 35% carb; most ≤ 5 mm, but up to several cm; 80% discordant, 20% concordant. Start of major qtz veining zone which extends to 90.83 m.								
		43.28	43.89	Graphitic gouge with 10% qtz; 45 cm lost core. Recovered 15 cm slate rubble with 15% qtz.								
		43.89	46.63	1.5 m lost core.								
		44.50	44.95	Recovered 15 cm graphitic gouge; 30 cm lost core.								
		46.30	47.70	Very strongly silicified, dk. grey dolomitic siltstone with 40% qtz veins, 10% carb veins.	20350	46.63	47.55	0.92	26	621	<0.2	5
		47.55	49.07	30 cm lost core.								
		47.70	48.30	Black slate, 10% veining.								
		48.30	49.07	70% qtz.								
		49.07	50.60	Black slate with 5% qtz veinlets; minor gouge @ 165.5 m. 45 cm lost core.								
		50.60	51.82	Black slate, 25% qtz veining. 45 cm lost core from 50.60-53.04 m.								
		51.82	59.74	Black slate, 1-5% qtz veinlets.								

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
		52.73	53.04	5 cm gouge, very graphitic and 8 cm gouge.								
		53.04	54.86	15 cm lost core, gouge seams.								
		54.86	55.78	30% very graphitic gouge; no lost core.								
		55.78	59.74	10 cm very graphitic gouge; 3.9 m lost core.								
59.85	60.58			Andesite Dyke Lt. brownish-grey, med-gr. rock; foliated, granular with 20% brownish carb veins to 5 cm; upper contact 3 cm gouge, lower contact 2 cm brownish chill margin and 80° lower contact angle; 5% dissem. to patchy streaks of fine pyrite, pre-foliation.	20351	59.85	60.58	0.73	48	987	0.4	23
60.58	74.16			Slate Black slate with 5-10% qtz veining; multiple very graphitic gouge seams to 15 cm recovered.								
		60.58	69.19	Strongly graphitic interval and gougy with dolomitic siltstone @ 63.8 - 64.05 m.								
		60.96	64.01	Gougy, 2.4 m lost core.								
		64.01	64.92	Gougy, 15 cm lost core.								
		64.92	66.75	Gougy, 1.2 m lost core.								
		66.75	68.28	Gougy, 30 cm lost core.	20352	66.75	67.35	0.60	46	46	0.2	17
		68.28	69.19	Gougy, 30 cm lost core.								
		69.19	70.71	Gougy, 30 cm lost core.								
		70.71	71.93	Gougy; no lost core.								
		72.85	74.07	Weakly veined interval. Gougy from 71.93-73.76 m.								
74.16	74.46			Sandstone Highly silicified and qtz veined sandstone with 60% dark black matrix and 40% clast; contains 5 % pyrite as dissem., patches and massive angular fragments, ~ 2 mm; also clasts of angular qtz frags.	20353	74.16	74.46	0.30	16	65	<0.2	12
74.46	79.86			Black Slate as previously described. Weaker veined interval from 75.9-79.3 m.								
		74.52	76.11	Graphitic, sheared, gougy; 3% qtz.								

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
		76.11	77.42	Slate, no gouge recovered. 30 cm lost core from 76.50 - 77.11 m.								
		77.42	79.86	Gougy black slate, local grey laminations @ 50°; minor qtz. 30 cm lost core from 77.11-78.03 m and 90 cm from 78.03-79.86 m.								
79.86	90.83			Black slate with few % fine grey laminations at 0-45°; 10% network qtz veinlets, locally to 30% qtz over 1 ft.								
		79.86	81.69	15 cm lost core.								
		81.69	82.60	45 cm lost core.								
		82.60	83.52	15 cm lost core.								
		83.52	85.95	15 cm lost core; 15 cm gouge seam @ 85.95 m. About 30% veining from 83.72-84.72 m.	20354	83.72	84.72	1.00	18	306	0.2	46
		85.95	87.48	15 cm lost core; gouge seams.								
		87.48	89.92	15 cm lost core; minor gouge.								
		89.92	92.96	No lost core. About 4% py in veins from 91.86-92.96 m.	20355	91.86	92.96	1.10	76	76	0.6	73
90.83	91.74			Argillite								
				Black argillite with 3% grey laminations @ 35-60° and minor qtz veining except locally (2% overall). Good core, intact. Fracture cleavage parallel core refracts through grey laminations. Gouge seam @ 90.22 m.								
91.74	142.34			Argillite with Bedded Pyrite								
				Dark grey to black argillite with 30% fine dolomitic sandstone laminations and beds from < 1mm to 3 cm. Bedding angle of laminations 30-50°, some show x-bedding. Quartz veining 5 %, carb veins 2%, most ≤ 1 cm. Pyrite 1%, as v. fine-gr. beds up to 1.5 cm, dissem. to semi-massive and as recrystallized coarser grains within qtz veins.								
		101.80	102.95	4% pyrite; qtz veining.	20356	101.80	102.95	1.15	58	84	0.6	58
		106.80	108.05	5% veining.	20357	106.80	108.05	1.25	58	152	0.6	51
		108.20	114.00	Graphitic, gougy intervals; more strongly veined.								
		114.00	114.45	20% network qtz veining.	20358	114.00	114.45	0.45	14	285	0.4	39
		119.30	119.65	Sphalerite (?) 3%, occurs as thin, pale yellow-brown strands < 2 mm within qtz veinlets; 10% fine pyritic beds in argillaceous laminations; quartz veinlets 35%, ≤ 2 mm subparallel to bedding.	20359	119.30	119.65	0.35	46	176	0.4	44
		121.45	122.84	5% qtz veining.	20360	121.45	122.84	1.39	32	56	0.6	41

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
		122.84	123.94	5% qtz veining.	20361	123.94	124.24	1.10	56	2763	0.6	53
		123.94	124.24	Reddish-brown and yellowish-brown sphalerite (3%) occurs as coarse anhedral aggregates in seam and within qtz veins; minor cpy in vein with the sphalerite; 2% fine pyrite in vein and in argillite.	20362	122.84	123.94	0.30	42	42	0.6	47
		124.24	126.00	3% pyrite in qtz vein.	20363	124.24	126.00	1.76	42	83	0.6	43
		130.80	131.80	20% qtz veining.	20364	130.80	131.80	1.00	44	31	0.6	41
		133.00	138.56	Appearance of lt. grey, roundish to eye shaped spots in local bed parallel zone up to 5 cm thick. Contains 10-25% spots, 0.5 - 2 mm, hard. Spots are filled with variable amount of v. fine pyrite, from minor to msv pyrite lending a brownish colour; some spots have more pyritic cores. Apparently spheres stretched to eyes by foliation or variably pyritized. Thin section sample @ 136.45 m.								
		134.42	142.55	Black slate to siltstone with ~ 5% sandy laminations to 1 cm as above but qtz veining increases to 5-10%. 40% qtz veining from 138.56-139.44 m. 10 cm gouge at 138.70 m.	20365	138.56	139.44	0.88	106	103	0.6	33
		138.99	141.43	White stain starts @ 138.99 and occurs throughout this interval. Argillite with 25% network qtz veining ≤ 1 cm wide. 50 cm lost core from 140.82-141.43 m, strongly broken. Changed bit @ 141.43 m.	20366	139.44	141.43	1.99	58	2271	0.4	33
		141.43	142.34	Qtz veined argillite with yellowish to greenish-grey and beige bands (dyke?) 1-3 cm wide. Bands are sericitic and weakly to strongly pyritic with v. fine dissem to patchy pyrite (5%) lending brownish tone; 1-3% apparent qtz eyes to 0.5 mm, several % fsp phenos to 0.5 mm., occas. frags of green mariposite < 1mm, and equant grains of qtz (5%); cut by qtz veins; irregular outline. Definitely cuts bedding locally but mostly parallel beds; locally few wallrock argillite clasts near walls are 45° to core. Wallrock argillite is hard, cherty, silicified(?) from 141.4 -142.2 m. Sharp parallel contacts @ 45°. Few cm gouge (split) at 025° @ 142.04 m.	20367	141.43	142.34	0.91	150	26	0.2	54
142.34	143.65			Sandstone	20368	142.34	142.75	0.41	10	23	<0.2	5
				Lt. grey to beige-grey silicified sandstone, containing 2% sphalerite(?) as fine (< 1 mm) yellowish-brown strands. Two zones of 30% sph laminations 1 & 2 cm thick, others v. thin seams of sph more random. Sandstone graded down hole from v. fine to fine; some sparkle from cleavage on grains of fsp? or barite? Cut by 15% qtz veining up to several cm. Barite	20369	142.75	143.65	0.90	86	18	<0.2	17

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
				veins noted ~ 142.85 m; minor med. crystalline galena in seam with coarse sph noted in lower half of interval (lost in saw when cut); 2% fine-gr. pyrite along seams. Thin section sample @ 143.56 m.								
143.65	147.22			Sandstone Med. grey siliceous, massive, well-sorted. Contains 10-50% qtz stockwork veining to qtz vein breccia. Very angular irregular contacts.								
		143.65	145.19	Sandstone cut by 15% x-cutting qtz veins up to 1.5 cm wide; 4% pyrite as fine dissem streaks and in qtz veins. Zn & Pb seams @ 143.87 m. Several qtz-fsp porphyritic dykes (20%), pale yellowish to beige sericite-altered, aphanitic matrix, contains equant qtz grains 25%, ≤ 1 mm; few qtz eyes to $\frac{1}{2}$ mm; several % fsp phenos to 2 mm, irreg. & may be amygdules; 2% grass green mariposite frags with elongate shapes $< \frac{1}{2}$ mm; 15-30% fine dissem pyrite and frags with pyrite. Dykes are 2-6 cm thick; foliated texture @ 45-60° with some irreg. contacts.	20370	143.65	145.19	1.54	90	16	<0.2	14
		145.19	145.44	Hydrothermal displacement breccia, silicified, 50% qtz; angular frags. from < 1 mm to 2 cm are displaced; 80% sst frags, 20% qtz; 3% dissem. pyrite and trace, v. fine, yellow cpy.	20371	145.19	145.64	0.45	24	19	<0.2	114
		145.44	146.79	Intense insitu hydrothermal breccia, silicified and strongly qtz veined, cut by 40% network veins, 1-1.5 mm wide. Locally minor patchy sphalerite, & galena, coarse-gr., reddish-brown to pale yellowish-brown within vein breccia with pyrite to 1x3 cm; pyrite occurs as fine-gr. veins and patches (4%).	20372	145.64	146.79	1.15	1234	3832	0.4	83
		146.79	147.39	Silicified fine sandstone cut by 25% qtz veinlets; contains 30% fine-gr. stringy to patchy dissem. pyrite and a 3 cm wide pale yellowish-brown rhyolite dyke as described previously.	20373	146.79	147.39	0.60	336	21	0.2	33
		147.07	147.22	Two qtz porphyry dykes 1 cm & 3 cm @ 45°. Sandstone qtz vein breccia.								
147.22	149.66			Dolomitic Sandstone / Argillite Finely laminated interbeds of lt. grey dolomitic sst. (60%) and dk. black argillaceous beds (40%). V. fine dissem. pyrite (5%) in argillite. Bedding angle 65°.								
		147.22	147.68	30% pyrite, irreg. & seamy massive pyrite bands to 2 cm in crumpled slate veined with 30% qtz.	20374	147.39	148.41	1.02	52	14	<0.2	15

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
		148.41	149.66	Argillite with 20% x-cutting qtz veins (minor carb) mostly <1 cm but up to 3 cm wide.	20375	148.41	149.66	1.25	10	13	<0.2	5
149.66	150.19			Andesite (?) Dyke Dk. grey, fine-gr. with 35% streaky bands of pale yellowish to brownish sericite and 25% veins of qtz and carb (50/50); pale greyish specks of leucoxene ~25%; reddish to yellowish brown sphalerite (3%) as med. grained subhedral patches within qtz vein; minor galena noted; pyrite 10% occurs as fine dissem. to patchy dissem. in the rock.	20376	149.66	150.19	0.53	38	4552	0.6	46
150.19	168.19			Dolomitic Sandstone / Argillite Interbeds of finely laminated lt. grey dolomitic sandstone (75%) and black argillite (25%). Veining 15%, is mostly carbonate, crosscutting, up to 2 cm wide. Bedding angle ~45-80°. Pyrite 2%, as fine dissem. to bedded. Gouge coated slip 25° @ 153.31 m, 30° @ 156.97 m, 15° @ 162.92 m. White stain noted at 164.0 and 165.2 m. [Box dropped from 161.54-169.93 m; core from 162.15-166.73 m reassembled with some uncertainty].	20377	150.19	151.49	1.30	14	21	<0.2	7
		154.68	155.05	Hydrothermal displacement breccia containing angular to rounded frags. of dolomitic sandstone/argillite surrounded by v. fine dk. grey matrix (20%). Frags from <1mm - 8 cm with disoriented bedding displacement; fit together, little translation. This unit grades by interbedding into black slate from 160.6 to 167.8 m.	20346	154.68	155.05	0.37	20	14	<0.2	9
		163.37	166.12	Graphitic slips common @ 10-45° in mod. broken core with white stain films. No lost core, no gouge.	20378	159.55	160.8	1.25	24	81	0.2	10
					20379	163.37	164.57	1.20	22	217	0.2	12
		166.12	167.64	Intact, no gouge, not stained. Gouge coated slip, 75° @ 167.34 m.	20380	164.57	166.12	1.55	40	116	0.4	11
168.19	188.67			Argillite Dark black, fine-gr. argillite; bedding angle 65-70°; some cross-bedding noted. Cherty intervals noted @ 170.7 m, 181.7 m (20 cm), & 188.7 m. Veining is minor (3%) consisting of 70% qtz, 30% carb as mostly thin (<1 cm) veinlets with irregular, stringy (sheared?) appearance. Pyrite 1-2% as fine dissem. beds. White stains, probably Zn bloom, noted from ~172.8 m to end of this interval; chalky, white opaque, ultrafine, non-effervescent, from dustings to coatings perhaps 0.1 mm thick on cleavages, joints, & fractures; a few joints parallel core show white stain in bands 0.5-5 mm								

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
				wide suggesting Zn stain on some beds which run ~ 45-60° to core, A-C joints? Slaty cleavage not lineated.								
		167.64	169.47	30 cm lost core. Broken core @ 168.3-168.6 m; few slips @ 50-60°.	20381	168.77	170.08	1.31	32	70	<0.2	24
		169.47	170.08	15 cm lost core. Mismatch @ 170.08 m. Broken core and lost core from 169.8-170.08 m.								
		170.08	171.60	30 cm lost core. No gouge, intact to weakly broken; grind and lost core @ 171.60 m.								
		171.60	172.21	No lost core. Weakly broken core overall with strongly broken core @ 172.1 m.								
		172.21	173.74	15 cm lost core; no gouge, intact.								
		173.74	174.65	30 cm lost core. Mod. broken core; mismatch @ 174.65.	20382	173.74	174.85	1.11	14	21	<0.2	15
		174.65	175.56	30 cm lost core. Mod. broken core.								
		175.56	176.78	30 cm lost core. Minor gouge recovered @ 176.72 m (lost core here).								
		176.78	178.31	15 cm lost core from 177.85-178.31 m; broken core and minor gouge in this interval.								
		178.31	180.44	15 cm lost core. Strongly broken core & 20% gougy from 178.9-179.5 m. Strongly broken core and 2 cm gouge, 80° @ 180.35 m.	20383	179.36	180.44	1.08	22	9	<0.2	23
		180.44	181.66	45 cm lost core. Strongly broken core and lost core @ 180.75-181.2 m.	20384	180.44	181.66	1.22	18	16	0.2	23
		181.66	182.88	No lost core. Weakly-mod. broken core.	20385	181.66	182.88	1.22	22	27	<0.2	21
		182.88	183.79	15 cm lost core @ 183.64-183.79 m -- mismatch.	20386	182.88	184.09	1.21	198	232	0.2	28
					20387	184.09	185.42	1.33	42	543	0.2	30
		185.62	188.67	1.5 m lost core. Strongly broken, some gouge from 185.62-185.93 m. Strongly broken from 188.37-188.67 m, no gouge recovered.	20388	185.42	188.67	3.25	44	179	<0.2	29
188.67	227.77			Veined Argillite Dark black, fine-gr. argillite with 15% veining; graphitic laminations and gouges, strongest in central to lower sections of this interval. Veins consist of 75% qtz, 25% carb, as mostly thin irregular stringy (sheared?) veinlets ≤ 5 mm and one 3 cm wide vein; veining tends to be sub-parallel to bedding; bedding angles ~ 55-65°. Pyrite occurs as fine-gr. dissem to massive beds up to 1.5 cm; ~ 2-3% overall. White stains noted @ 191.1-192.6 m, 197.2-197.8 m, 203.1 m, 211.8 m, 223.1 m to bottom. White, talc-like mineral noted @ 222.5 m and 223.4 m. Minor cpy (very yellow colour) in qtz @ 205.95 m & 207.98 m.								

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
		188.67	190.20	No lost core. Strongly broken from 189.89-190.20 m.	20389	188.67	190.20	1.53	42	257	0.4	41
		190.20	191.72	15 cm lost core. Strongly broken from 191.41-191.72 m. V. strong white stain bands.	20390	190.20	191.72	1.52	64	438	0.4	37
		191.72	193.24	No lost core. Strong-mod. broken core from 191.72-192.3 m.	20391	191.72	192.89	1.17	1270	426	1.0	36
		193.24	195.68	15 cm lost core. Strongly broken and gouge @ 195.38-195.68 m.								
		195.68	196.90	No lost core. Graphitic slips 15-35°.								
		196.90	198.12	No lost core. 71 cm gouge @ 198.12 m, no angle.	20392	196.90	198.12	1.22	40	742	0.8	60
		198.12	200.86	No lost core. Several slips @ 45°.								
		200.86	202.54	15 cm lost core, probably at 200.86 m. Strongly silicified gougy broken core from 200.86-201.32 m.								
		202.92	203.04	Massive pyrite interval consisting of platy, needle-like crystals in upper 3 cm of core grading into massive fine-gr. pyrite; needles are ≤ 2 mm length and not oriented in 30% qtz gangue.	20393	202.74	203.04	0.30	228	153	0.8	125
		202.54	205.13	30 cm lost core @ 205.13 m. Strongly broken core, little gouge from 204.98-205.13 m.	20394	203.04	204.19	1.15	34	107	0.6	56
					20395	204.19	205.73	1.54	116	93	0.4	36
		205.13	205.28	Strongly broken core; 2 cm gouge. No lost core from 205.13-206.35 m.								
		205.59		Gouge seams @ 30°.								
		205.89		4 cm gouge @ 50°.	20396	205.73	206.70	0.97	64	72	0.8	654
		205.95		4 mm bleb cpy in qtz.								
		206.04		3 cm gouge @ 50°.								
		206.35		5% cpy in qtz over 5 cm in blebs with pyrite to 5 mm.								
		206.65	206.73	8 cm very graphitic plastic gouge @ 25°.	20397	206.70	208.03	1.33	50	23	0.4	41
		208.03	209.40	No lost core; gouge coated slip 30° @ 208.3 m.	20398	208.03	209.40	1.37	30	306	0.6	62
		209.40	211.53	1.37 m lost core, probably @ 211.53 m (mislatch). Broken core, no gouge.	20399	209.40	211.53	2.13	38	326	0.4	61
		211.53	213.36	60 cm lost core @ 213.36 m. Sheared, gougy broken core from 699.5-213.36 m.	20400	211.53	214.06	2.53	54	643	0.6	50
		213.36	215.19	25 cm lost core. Strongly broken core, minor gouge from 213.36-213.51 m. 3 cm sheared & gougy core, 55° @ 213.76 m. 1 cm gouge, 10° @ 214.37 m. 6 gouge seams, 3 mm-4 cm, 60-70° @ 214.79-215.19 m.								
		215.19	216.41	No lost core. Broken core from 216.32-216.41 m.								
		216.41	217.02	No lost core. 3 mm plastic gouge, 10° @ 216.6 m. 4 gouge coated slips, 50-60° from 216.71-217.02 m.								

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
		217.02	220.07	(tag missing) No lost core, intact. 3 cm graphitic plastic gouge, 70° @ 218.5 m. 2 cm gouge, 60° @ 218.7 m.	20401	217.02	218.62	1.60	92	1508	1.6	80
					20402	218.62	220.02	1.40	82	425	1.4	66
		221.74	222.20	Broken core. 3 cm gouge @ 222.20 m.								
		222.20	224.03	Sheared slate with 20% sheared qtz veinlets, intact to strongly broken. Talc coatings. Shows foliation, looks tightly folded. Common gougy slips and seams.	20403	222.16	223.11	0.95	182	965	2.2	98
		222.96	224.94	Minor fine-gr. sphalerite (pale yellowish to reddish-brown) and galena in qtz veining noted.								
		223.11	224.03	No lost core. Strongly broken core, gougy slips. 2 cm plastic gouge @ 224.03 m marks distinct end to sheared zone.	20404	223.11	224.21	1.10	176	1205	1.2	66
					20405	224.21	226.16	1.95	444	327	0.6	20
		226.16	226.77	40 cm lost core. Strongly broken, no gouge; white staining.	20406	226.16	226.77	0.61	34	64	0.2	12
					20407	226.77	227.77	1.00	38	226	0.4	17
227.77	228.90			Dolomitic Argillite								
				Black argillite with 10-30% interbeds of lt. grey lense-shaped dolomitic laminations ≤ 2 mm thick. Bedding angle 60-80°. Grey laminations contain fine dissem pyrite; pyritic laminations to 2 mm thick picked out by white stain on joints could contain sph as grey mineral.	20408	227.77	228.90	1.13	40	711	0.4	16
		228.30	229.51	1.5 m of core between tags -- too much core. Intact core.								
228.90	229.82			Argillite with dolomitic sandstone laminations. White stain(?) @ 229.5 m. Minor sphalerite, (fine-gr., yellowish-brown specks) in qtz vein @ 229.40 m.	20409	228.90	229.82	0.92	62	502	0.6	12
		229.51	229.82	15 cm strongly broken core -- assume none lost due to tag footage rounding off error.								
229.82	230.67			Pyritic Breccia	20410	229.82	230.67	0.85	76	267%	<0.2	49
				Lt. to dark grey silicified tuff composed of poorly sorted lapilli tuff size clasts of qtz and sediment clasts and veined clast from mms to 3cm, mostly angular to sub-angular with some rounded clasts. Probably hydrothermal translation breccia; some frags look qtz veined before brecciation. Grey qtz cement some frags. Sphalerite (10%) occurs as pale yellowish-brown (some with reddish brown centres), fine-gr. patches (up to 2 cm) to dissem. in qtz frags and in matrix; much of the sphalerite looks localized in certain frags. Pyrite, 5%. White staining present.								

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
				Broken, gougy core at upper contact (10 cm). Sequence: Sediment→ silicification, qtz veinlets & sulfides→ brecciation→ silicification & qtz cement→ qtz veinlets.								
230.67	234.70			Veined Argillite Similar to previous description.	20411	230.67	232.34	1.67	32	858	0.2	47
		232.26	232.87	No lost core. Last appearance of white staining in this hole @ 232.26 m.								
		232.87	234.70	15 cm lost core. 1 cm plastic, graphitic gouge 60° @ 232.87 m.	20412	233.27	234.70	1.43	28	268	0.2	48
234.70	235.70			Sandstone with Blue Quartz Black carbonaceous sandstone contains 70% quartz and feldspar clasts up to 1 mm x 5 mm and tabular chips of sed., 2 mm, equant at top to mostly v. fine tuff with minor clast to 1 mm at bottom. Quartz grains, 5-10% are glassy, black to bluish, 0.5-1 mm. Minor pyrite clasts, pyritic rock clasts, tabular black slate clasts, and aphanitic grey chips of probable sediment. Most equant clasts are lt. to dk. grey aphanitic siliceous. Matrix is black, carbonaceous. Tabular clasts oriented parallel to v. fine schistosity @ 35-50° to core. One lens with recrystallized med. grained pyrite, 45 mm x 4 mm @ 45° parallel foliation/bedding. 5% stockwork qtz veins with minor carb to 1 cm. Contacts sharp against black carbonaceous slate above and below @ 50°. Thin section sample @ 234.80 m. 2 mm bed of black argillite @ 50°. 13 mm bed of black argillite @ 50°.	20413	234.70	235.70	1.00	26	137	<0.2	29
235.70	255.12			Argillite Black, fine-grained argillite with minor lt. grey dolomitic sandstone interbeds; bedding angle 30-60° up to 239.6 m, changing to 10° over 1 ft. and stays oblique (10-25°) to end of hole with some local wrinkles. Veining 5%, consisting of 80% qtz, 20% carb; 60% discordant, 40% concordant; most < 1 cm. Pyrite ~1% as fine gr. in qtz veins and a few beds <2 mm. Barite(?) @ 244.4-245.1 m.	20414	235.70	237.13	1.43	30	219	0.2	49
		236.98		15 cm strongly broken core with some gouge, core grind & some lost core.								
		237.13	238.35	30 cm lost core; intact.								

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		SAMPLE LENGTH	ANALYSES (ppm)			
from(m)	to (m)	from(m)	to (m)			from(m)	to (m)		Pb	Zn	Ag	Cu
		238.35	239.27	No lost core; intact.								
		239.27	240.79	No lost core; intact except 1 cm gouge (60°) @ 240.03 m, 3 mm gouge (20°) @ 240.24 m, 1 cm gouge (45°) @ 240.37. Strongly broken core & minor gouge from 240.37-240.79 m.								
		240.79	244.45	No lost core; intact.								
		244.45	245.97	15 cm lost core. 3 cm plastic gouge @ 245.36 m.								
		245.97	250.24	No lost core; minor gouge @ 246.6 m.								
		250.24	250.85	No lost core, 1.07 m (3.5 ft.) between tags.								
		250.85	253.90	60 cm lost core. Strongly broken core & some gouge from 253.29-253.90.								
		253.90	255.12	No lost core. 2 cm gouge (10°) @ 254.81 m. Sheared veined slate at 10° from 254.81-255.12 m.								
255.12				End of hole.								

APPENDIX B

Rock Sample Descriptions

SAMP #	LOCATION	DESCRIPTION	ANALYSES (ppm)				
			Zn	Pb	Ag	Cu	Ba %
RW01	North end of Liard Canyon.	Minor dissem. grey sulfide and trace cpy in qtz veining in calcareous phyllite. Displaced bedrock, local source ~ 20 ft. below top of Liard Canyon wall at north end of canyon 5030N, 5600E. One piece with green stain.	6	<2	0.8	1102	--
RW02	North end of Liard Canyon.	Same as RW03. Apparent bedrock. Located 40-50 ft. west of RW03 along contours & about 10 ft. higher elevation. Similar mineralized qtz-carb float found all the way down bank in overburden covered chute to water line of river.	39	22	<0.2	28	--
RW03	North end of Liard Canyon.	Angular qtz float downslope to river ~ 60 vertical ft. below - same material (qtz).	75	36	<0.2	9	--
RW04	Near Main Showing.	Greenish horizon mineralized with fine grey metallic and pyrite. Siliceous unit 155°/15° W overlain by black cherty rock. About 30 ft. elev. above river, GPS coord. 59°59.79' N, 128°35.51' W.	178	16	0.4	42	--
RW05	Near Main Showing.	Similar pale yellowish-green stained rock ~ 20 m SE of RW04. Sample is thick stain scraped from wall; coating up to several mm thick, botryoidal, no fizz. Yellowish-green could be As or Fe sulfate. 760 ppm As, > 10% Fe.	385	6	<0.2	60	--
RW06	Near Main Showing.	Selected grab of galena from qtz veined fault zone, 090°/35° S. Sample from gougy sheared rock and hanging wall chert. Chert is black, carbonaceous, bedded. Argillite in footwall. The fault zone is exposed along an old trench along 130 ft. strike. Located up valley wall above and SE of RW5, ~80 ft. above river and 300 ft. ESE of RW4; GPS coord. 53°59.82' N, 125°33.41' W. RW6 & 7 taken at top of yellow nylon rope strung down slope to river and 50 ft. W. of top of rope at base of cliff. Old flag at top of rope reads "95 ft. below top". About 100 ft. ESE another flag at trench reads "125 ft. below top". Probably an old Samarkand gridline; flagging not old enough for Billiton. This site just ~ 100-200 ft. upstream from where prominent cliffed bluff encroaches into and constricts river channel blocking access along river bank.	7.98%	5.53%	31.3	225	--
RW7A	Near Main Showing.	Same location as RW6. Chip sample over 1 m true thickness across full width of fault zone. Fault separates graphitic argillite in footwall from bedded black chert in hangingwall; can't see lineation or offset direction on fault wall.	3.06%	3.08%	16.6	228	0.27
RW7B	North end of grid.	Several pieces of mineralized qtz vein. Minor fine dissem cpy in one sample. Another with minor galena and sphalerite grains to 1 mm in vugs in 5 mm wide qtz vein which cuts network qtz veins in siliceous grey quartzite/silicified siltstone. Also 2 pieces with very minor fine silvery sulfide, possibly aspy. Located at 5025 N, 4985 E; outcrop in bluff, 30 ft. high, 25 ft. wide, E-W. Med-dk. grey v. fine siliceous hard rock; sparkles in sun, could be qtzite, silicified f. fine sst or recrystallized chert. Interbedded with dk. grey to black, in part graphitic slate/argillite which looks somewhat sheared. Bedding averages 350°/90° but shows	--	--	--	--	--

SAMP #	LOCATION	DESCRIPTION	ANALYSES (ppm)				
			Zn	Pb	Ag	Cu	Ba %
		mild open folding on rather flat axial planes; lineation plunges 10° S. Locally, qtz-carb veined, predom. qtz.					
RW8	North end of grid.	Located ~ 5030N, 4992 E. Pale yellowish-green, med-coarse sandstone(?) with 3-5% dissem. fine euhedral pyrite. Pale green with yellowish tint; not rusty. Contains a few % apple green spots which look like mariposite and a few to 5% granules (equant) of aphanitic lt. grey hard rock; occasionally these granules contain glassy conchoidal clear qtz grains with shapes that look like beta qtz phenos with some resorption; appear to be rhyolite clasts with qtz eyes to 1 mm indicating volcanoclastic origin. Massive, can't detect bedding; very weakly foliated at 355°/80° W suggests this 1m x 1m outcrop peeking out of moss is in place. No fizz with strong acid.	236	512	0.4	31	0.96
RW9	Near West Showing.	0.6 m chip sample of black argillite normal to west contact with rhyolite tuff from RW8. Contact at 350°/48° W parallel to weak-mod. foliation in tuff. Argillite looks a little sheared but probably not a fault.	1159	204	<0.2	20	--
RW10	North end of grid.	Pyritic, siliceous, vague granular texture - possibly altered dike? Few-several percent very fine pyrite ~ 10 m west of silicified rib.	51	52	<0.2	22	--
RW11	North end of grid.	Possible barite veinlets in silicified whitish sandstone, probably fine sandstone/quartzite. Located ~8 m east of corner main channel and this side channel.	43	30	0.1	21	9.06
RW12	West Showing.	Galena in barite; high grade grab sample.	8498	10.80%	44.2	145	42.3
RW13	West Showing.	Silicified med. grey pyritic argillite, 10% very fine pyrite; Zn stain; some galena and sphalerite streaks; rusty. A few quartz veinlets and barite veinlets.	1.08%	3300	1.0	56	--
RW14	West Showing.	20 cm massive barite bed with several % sphalerite; very fine pyrite on ct; different bed? Silicified grey pyritic rock adjacent.	1.68%	4226	2.3	238	34.3
RW15	West Showing.	Float; massive barite with 10% sphalerite.	5.80%	468	<0.2	174	41.3
RW16	Near border.	Located at high spot in south track of road, ~ L2840N, 4900-4915E. Dug out qtz veined slate; limonitic, dark to brick red, rusty with some preserved pyrite (minor). Some black stain and boxwork cavities. Qtz looks irregular to several mm thick veinlets. About 4 lbs. of chips over 25 cm wide x 35 cm.	383	66	0.1	127	0.69
RW17	Near border.	Dug out, definite outcrop in roadbed, on line 2840 N, 4935 E to 4947 E; can't get strike and dip. Sandstone, lt. brown to buff to whitish-grey; very fine, fine and med. grained, massive, very quartzitic (qtzite), well-sorted. Varies from leached carbonate cement with sandpaper weathering to siliceous cement smooth weathering; carbonate cement leached leaving brownish residue, assumed to be dolomite or ferroan dolomite. Good bedding seen in one large block plowed out of place shows 10 cm, very fine silica cemented bed in med. grained lt. brownish beds to >20 cm with some carb cement. This sample shows quartz-filled tension joints 1-	--	--	--	--	--

SAMP #	LOCATION	DESCRIPTION	ANALYSES (ppm)				
			Zn	Pb	Ag	Cu	Ba %
		5 m at nearly right angles to bedding (A-C joints?). No pyrite.					
RW18	Near border.	Massive, med. grey dike(?) with granular 0.5 mm grains and lots of very shiny white cleavage faces (feldspar?); few % fine, shiny grey to blue iridescent metallic grains, anhedral, non-magnetic; 15-20% honey coloured transparent resinous grains to 1.5 mm are rounded to stumpy prisms - olivine(?). No Zn bloom, no rust. Very porous between grains - 20% porosity; permeable (can blow air through); minor spherical cavities (amygdules) to 4 mm. Hard, very solid to heavy hammer blow; probable outcrop; exposed about 2 ft. x 2 ft; not frost shattered. Located about 30-40 m north of road among several spots which all exposed frost shattered fine quartz-sandstone.	265	30	<0.2	27	--
RW19	NE of West Showing.	Mafic dyke, black; 50-70% qtz-veined; several % qtz grains (amygdules?) to 1 mm, some blue. Rusty weathering with yellowish and a little light green stains (arsenic or copper stain?); doesn't look like any zinc stain. Dug out outcrop over 3 m across strike. East side looks like graphitic black argillite, weakly foliated, not slate; west side is rhyolite tuff. Some pyrite in both rock types. Hard to see much rock from the qtz veining - network to 3 cm. Located ~10 m horizontal at 350° from L4700 N, 4400 E at ~8 m lower elevation. Correlate to hole 4 at 250-261 ft. and hole 5 at 243.3-244.5 ft. About 30 m at 010° horizontal to top of prominent light buff to light greenish and yellowish stained bluff, which is continuous to the river. From this elevation up to top of valley wall is covered by overburden, sloughed over rock and thick moss. Rock on both sides of this bluff looks like black slate from distance.	81	38	0.2	16	0.46
RW20	North side of Liard River.	Piece of subrounded boulder, 7x7x4 cm, ~3 lbs. found by Seamus on beach. Massive, very coarse crystalline barite (crystals to 2.5 cm) and 25% coarse crystalline galena (crystal 1-5 cm) in massive aggregates to 5 cm x 2 cm. Looks like alluvial boulder with one freshly broken surface, probably from gravel on top of bedrock at top of 30 ft. cliff above. Two percussion marks probably from someone's hammer.	62	70.20%	44.5	105	1.13
RW21	Near West Showing.	Several % med. crystalline, anhedral chalcopyrite + tetrahedrite-tennantite and few % pyrite. Minor galena as disseminated grains and polycrystalline aggregates to several mm in light grey to clear, med. crystalline qtz veinlet in fine-grained white qtz which could be silicified rock or even quartzite(?) Broke on crack with light smokey blue stain coating similar to stain at 11.35 m in hole 5. Located 0.5 m below and north of flag for WDS#5. Sample is selected grab ~1 lb; hard to reach between water and foot ledge; needs more rock breaking along this face which looks blasted at foot ledge, 10 cm wide.	386	2324	5.4	0.95%	--
RW22		Brass stabilizer. Assayed 7.91% Sn.	--	--	--	--	--

APPENDIX C

Certificates of Analyses

GEOCHEMICAL ANALYSIS CERTIFICATE



KRL Resources Corp. PROJECT WATSON File # 97-2286
1022 - 470 Granville St., Vancouver BC V6C 1V5

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	Ba* ppm
A 20301	11	51	16	66	1.4	36	9	184	2.49	30	<5	<2	<2	85	<.2	4	<2	36	2.68	.036	5	8	1.01	49<.01	<3	.32	.02	.14	3	10	-	
A 20302	13	64	20	59	1.3	32	8	332	2.39	20	<5	<2	2	169	.5	3	4	70	5.56	.337	6	13	1.85	49<.01	<3	.42	.02	.19	3	9	452	
A 20303	<1	22	3	56	<.3	20	12	409	3.29	<2	<5	<2	<2	159	.2	<2	3	6	6.27	.027	6	9	2.55	30<.01	<3	.67	.02	.14	<2	4	-	
A 20304	1	16	6	52	.3	19	9	414	3.61	2	<5	<2	<2	150	.5	<2	2	14	6.13	.032	5	12	2.75	29<.01	<3	.64	.01	.12	2	<2	-	
A 20305	1	9	8	33	<.3	18	6	911	3.76	10	<5	<2	<2	204	.2	<2	<2	6	9.98	.019	3	8	3.76	18<.01	<3	.17	.01	.08	2	3	-	
RE A 20305	<1	8	10	32	<.3	16	6	902	3.72	11	<5	<2	<2	202	.4	<2	<2	6	9.92	.021	3	9	3.74	18<.01	<3	.17	.01	.09	2	<2	-	
A 20306	1	24	5	26	<.3	15	8	585	2.88	17	<5	<2	2	135	<.2	3	<2	6	6.91	.031	4	10	2.34	22<.01	<3	.22	.01	.11	4	2	-	
A 20307	1	68	4	51	<.3	29	14	287	3.36	8	<5	<2	<2	127	.2	<2	3	11	4.73	.035	6	12	2.10	25<.01	4	.57	.01	.13	<2	3	-	
STANDARD C3/AU-R	25	64	31	160	5.4	36	12	720	3.42	53	15	4	17	30	24.1	17	23	81	.61	.092	17	164	.65	147	.10	20	1.89	.04	.16	20	485	-

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.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB

- SAMPLE TYPE: CORE AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.

BA* .2 GM SAMPLE FUSED WITH 1.2 GM LiBO2, ANALYSIS BY ICP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAY 20 1997 DATE REPORT MAILED: May 22/97 SIGNED BY: *Cheng* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

17-Jun-97

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

ICP CERTIFICATE OF ANALYSIS AK 97-471

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

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

ATTENTION: SEAMUS YOUNG

No. of samples received: 29
Sample type: ROCK
PROJECT #: WATSON
SHIPMENT #: NONE GIVEN
Samples submitted by: KRL RESOURCES

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	20308	5	<0.2	0.28	<5	25	<5	5.67	<1	14	28	28	2.84	<10	2.33	322	3	0.01	20	390	4	30	<20	113	<0.01	<10	8	<10	2	51
2	20309	5	0.4	0.36	5	110	<5	6.33	2	15	103	38	3.35	<10	2.34	1213	17	0.01	45	2500	26	30	<20	97	<0.01	<10	20	<10	12	49
3	20310	5	<0.2	0.17	<5	30	<5	8.65	<1	14	39	23	3.86	<10	3.60	398	3	0.01	20	320	14	30	<20	188	<0.01	<10	5	<10	3	38
4	20311	5	<0.2	0.25	<5	50	<5	8.06	4	13	22	19	3.49	<10	3.72	370	2	0.01	18	340	4	35	<20	185	<0.01	<10	7	<10	3	42
5	20312	5	<0.2	0.49	<5	105	<5	9.05	108	20	25	24	4.95	<10	3.96	614	1	0.01	19	260	2	25	<20	204	<0.01	<10	5	<10	<1	4976
6	20313	5	<0.2	0.48	<5	55	<5	7.86	1	11	125	18	3.26	<10	3.58	376	7	0.01	15	430	2	25	<20	296	<0.01	<10	5	<10	2	45
7	20314	5	<0.2	2.13	<5	60	<5	>10	<1	18	67	27	4.00	<10	2.24	488	3	0.02	23	330	12	15	<20	819	<0.01	<10	12	<10	5	67
8	20315	5	<0.2	1.51	<5	80	10	7.58	<1	17	51	22	4.29	<10	2.97	347	3	0.02	25	410	16	20	<20	315	<0.01	<10	14	<10	4	88
9	20316	5	<0.2	0.53	<5	60	<5	8.61	1	15	81	17	3.45	10	2.36	395	6	0.02	22	320	12	20	<20	307	<0.01	<10	8	<10	10	97
10	20317	5	<0.2	0.50	<5	115	<5	6.19	<1	16	83	21	3.79	40	2.64	360	6	0.03	22	270	18	25	<20	147	<0.01	<10	5	<10	5	58
11	20318	5	<0.2	0.30	<5	50	10	9.29	1	11	99	1	5.21	30	4.15	576	6	<0.01	11	30	<2	25	<20	245	<0.01	<10	5	<10	6	26
12	20319	5	<0.2	0.26	<5	40	5	8.48	<1	14	11	16	4.01	<10	3.92	581	2	0.01	11	310	2	25	<20	190	<0.01	<10	4	<10	<1	46
13	20320	5	<0.2	0.42	<5	25	<5	4.61	<1	14	39	31	2.47	<10	2.10	281	3	0.02	18	340	6	30	<20	97	<0.01	<10	6	<10	1	82
14	20321	5	<0.2	0.19	<5	15	<5	7.32	2	14	92	17	3.56	<10	3.30	412	7	0.02	17	220	8	35	<20	174	<0.01	<10	5	<10	2	44
15	20322	5	<0.2	0.25	<5	20	<5	7.73	<1	10	28	19	3.40	<10	3.48	377	2	0.01	13	150	<2	20	<20	165	<0.01	<10	5	<10	<1	18
16	20323	5	<0.2	0.19	5	55	<5	9.71	9	10	38	37	3.02	<10	4.72	776	13	0.01	29	1180	18	40	<20	142	<0.01	<10	22	<10	10	457
17	20324	5	0.4	0.25	15	65	<5	6.92	9	14	57	83	3.05	<10	2.74	692	19	0.01	50	1620	24	30	<20	124	<0.01	<10	20	<10	9	549
18	20325	5	0.2	0.18	<5	65	<5	>10	4	9	49	34	2.92	<10	5.42	1758	22	0.01	23	770	14	35	<20	147	<0.01	<10	12	<10	11	228
19	20326	5	<0.2	0.18	<5	45	<5	>10	<1	10	55	44	4.02	<10	5.06	507	6	0.01	25	1440	10	40	<20	199	<0.01	<10	23	<10	15	18
20	20327	5	<0.2	0.56	<5	35	<5	6.80	<1	14	21	27	3.72	<10	3.01	435	2	0.01	24	390	2	30	<20	161	<0.01	<10	7	<10	2	14

KRL RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-471

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	20328	5	<0.2	0.43	<5	60	<5	7.76	<1	16	34	34	3.72	<10	2.54	369	4	0.02	24	330	6	20	<20	246	<0.01	<10	7	<10	8	63	
22	20329	5	<0.2	0.22	<5	35	<5	5.48	<1	12	125	16	2.80	<10	2.20	295	9	0.02	17	180	4	20	<20	166	<0.01	<10	5	<10	2	34	
23	20330	5	<0.2	0.49	<5	50	<5	5.68	<1	16	63	27	3.84	<10	2.57	371	5	0.02	25	210	10	25	<20	192	<0.01	<10	5	<10	1	52	
24	20331	5	<0.2	0.28	25	40	<5	7.62	<1	14	76	20	4.06	<10	2.80	401	3	0.03	22	250	2	30	<20	222	<0.01	<10	7	<10	6	42	
25	20332	5	<0.2	0.26	10	40	<5	>10	<1	15	77	17	3.29	<10	2.19	424	6	0.03	23	220	2	35	<20	272	<0.01	<10	4	<10	8	43	
26	20333	5	<0.2	0.39	5	70	<5	2.90	<1	21	107	30	4.45	<10	2.10	232	8	0.04	31	240	8	20	<20	81	<0.01	<10	7	<10	<1	64	
27	20334	5	<0.2	0.28	5	55	<5	6.59	<1	17	77	16	4.21	<10	2.60	498	5	0.03	25	220	4	25	<20	187	<0.01	<10	4	<10	2	51	
28	20335	5	<0.2	0.31	<5	70	<5	2.93	1	22	59	24	4.52	<10	2.20	294	4	0.03	27	250	6	20	<20	81	<0.01	<10	4	<10	<1	59	
29	20336	5	<0.2	0.30	<5	80	<5	3.07	<1	20	76	16	4.29	20	2.09	289	7	0.03	25	260	10	15	<20	72	<0.01	<10	5	<10	<1	65	
QC DATA:																															
Resplit:																															
R/S 1	20308	5	<0.2	0.29	<5	35	<5	5.60	<1	16	29	28	2.87	20	2.56	294	4	0.01	20	420	6	30	<20	105	<0.01	<10	7	<10	4	49	
Repeat:																															
1	20308	5	<0.2	0.28	<5	30	<5	5.68	<1	16	28	27	2.86	20	2.57	297	3	0.01	20	420	6	25	<20	101	<0.01	<10	7	<10	4	89	
10	20317	5	<0.2	0.54	<5	105	<5	6.17	<1	14	85	22	3.86	<10	2.40	404	6	0.03	24	190	14	20	<20	175	<0.01	<10	6	<10	<1	59	
19	20326	5	<0.2	0.19	<5	50	<5	>10	1	11	56	42	4.11	<10	5.34	488	7	0.01	23	1570	12	35	<20	191	<0.01	<10	23	<10	15	18	
Standard:																															
GEO'97		145	1.2	1.60	60	175	<5	1.81	2	20	64	83	3.79	30	1.06	680	<1	0.02	21	780	24	10	<20	59	0.11	<10	70	<10	8	70	

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XLS/97
fax: 689-0288

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

17-Jun-97

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 AK 97-472

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

ATTENTION: SEAMUS YOUNG

No. of samples received: 41
Sample type: ROCK
PROJECT #: WATSON
SHIPMENT #: NONE GIVEN
Samples submitted by: KRL RESOURCES

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	20337	5	<0.2	0.30	<5	130	<5	2.60	2	8	55	54	1.86	<10	1.47	180	25	<0.01	67	200	10	30	<20	53	<0.01	<10	75	<10	9	274
2	20338	5	<0.2	0.38	35	145	<5	1.05	2	6	51	55	2.89	<10	0.57	73	26	<0.01	42	750	8	10	<20	43	<0.01	<10	227	<10	11	182
3	20339	5	<0.2	0.32	20	125	<5	2.38	4	5	60	55	2.19	<10	1.33	133	22	<0.01	36	510	10	20	<20	48	<0.01	<10	152	<10	10	110
4	20340	5	<0.2	0.36	25	135	<5	2.51	4	8	87	62	2.48	<10	1.41	207	29	<0.01	56	820	12	20	<20	80	<0.01	<10	209	<10	11	265
5	20341	5	<0.2	0.49	30	105	<5	3.08	4	9	40	62	2.84	<10	1.52	166	34	<0.01	69	2200	14	25	<20	84	<0.01	<10	225	<10	20	146
6	20342	5	<0.2	0.36	20	90	<5	4.59	3	8	42	46	2.51	<10	2.53	217	29	<0.01	66	1140	20	35	<20	86	<0.01	<10	129	<10	13	76
7	20343	5	<0.2	0.35	15	125	<5	3.48	3	14	44	84	2.97	<10	1.98	344	37	<0.01	93	360	16	30	<20	65	<0.01	<10	119	<10	14	554
8	20344	5	<0.2	0.32	15	115	<5	4.60	3	10	44	77	2.37	<10	2.63	300	30	<0.01	66	240	14	35	<20	74	<0.01	<10	93	<10	14	278
9	20345	5	<0.2	0.33	20	135	<5	>10	5	18	27	54	6.24	<10	7.84	1127	18	0.01	106	1220	20	40	<20	189	<0.01	<10	113	<10	28	1369
10	20346	5	<0.2	0.20	<5	110	<5	9.92	<1	5	31	9	1.57	<10	5.95	279	<1	0.01	13	400	20	50	<20	117	<0.01	<10	6	<10	12	14
11	20347	5	<0.2	0.25	30	75	<5	4.32	1	8	36	37	2.21	<10	2.43	205	29	<0.01	59	570	24	30	<20	84	<0.01	<10	71	<10	10	63
12	20348	5	<0.2	0.20	20	45	<5	2.74	3	8	94	54	4.76	<10	1.60	152	29	<0.01	51	310	50	15	<20	65	<0.01	<10	75	<10	<1	58
13	20349	5	<0.2	0.21	20	80	<5	3.33	<1	7	33	30	1.61	<10	1.84	170	28	<0.01	48	370	18	30	<20	63	<0.01	<10	49	<10	8	65
14	20350	5	<0.2	0.12	<5	150	<5	9.68	<1	7	84	5	1.81	<10	5.58	635	7	<0.01	28	210	26	50	<20	836	<0.01	<10	39	<10	17	621
15	20351	5	0.4	0.41	5	50	10	6.00	2	57	50	23	7.03	<10	2.79	1754	6	<0.01	89	1600	48	20	<20	120	<0.01	<10	19	<10	9	987
16	20352	5	0.2	0.17	10	65	<5	3.90	<1	9	104	17	2.13	<10	1.96	278	31	<0.01	70	780	46	30	<20	143	<0.01	<10	53	<10	14	46
17	20353	5	<0.2	0.16	10	95	<5	1.35	<1	5	215	12	1.46	<10	0.57	155	6	<0.01	20	370	16	<5	<20	159	<0.01	<10	8	<10	2	65
18	20354	5	0.2	0.38	40	40	<5	2.00	2	10	107	46	2.44	<10	0.80	136	13	<0.01	52	1110	18	20	<20	190	<0.01	<10	33	<10	10	306
19	20355	5	0.6	0.33	20	25	<5	0.38	<1	10	71	73	2.73	<10	0.08	25	10	<0.01	54	960	76	<5	<20	41	<0.01	<10	23	<10	6	76
20	20356	5	0.6	0.34	25	30	<5	0.96	<1	10	60	58	2.66	<10	0.34	118	12	<0.01	56	1010	58	10	<20	97	<0.01	<10	23	<10	8	84

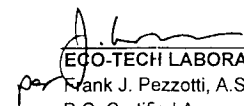
KRL RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-472

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	20357	5	0.6	0.36	20	35	<5	1.40	<1	8	53	51	2.19	<10	0.54	112	11	<0.01	59	1230	58	20	<20	189	<0.01	<10	31	<10	11	152	
22	20358	5	0.4	0.29	15	85	<5	2.40	2	6	103	39	1.89	<10	0.96	129	12	<0.01	40	1120	14	20	<20	202	<0.01	<10	26	<10	10	285	
23	20359	5	0.4	0.29	15	50	<5	1.21	<1	9	111	44	1.99	<10	0.48	134	9	<0.01	47	1010	46	10	<20	123	<0.01	<10	23	<10	8	176	
24	20360	5	0.6	0.34	20	60	<5	1.85	<1	8	54	41	1.87	<10	0.81	107	11	<0.01	48	1100	32	20	<20	114	<0.01	<10	28	<10	11	56	
25	20361	5	0.6	0.36	20	40	<5	1.71	17	9	35	53	2.43	<10	0.75	141	10	<0.01	55	1190	56	20	<20	78	<0.01	<10	25	<10	9	2763	
26	20362	5	0.6	0.34	25	60	<5	1.24	<1	8	48	47	1.83	<10	0.56	93	12	<0.01	49	1120	42	20	<20	79	<0.01	<10	26	<10	11	42	
27	20363	5	0.6	0.43	20	55	<5	1.56	<1	9	51	43	2.10	<10	0.68	189	11	<0.01	51	1110	42	20	<20	74	<0.01	<10	31	<10	13	83	
28	20364	5	0.6	0.35	30	40	<5	1.67	<1	7	72	41	2.12	<10	0.70	93	13	<0.01	68	1230	44	20	<20	102	<0.01	<10	39	<10	11	31	
29	20365	5	0.6	0.12	30	30	<5	2.71	<1	8	143	33	1.99	<10	1.43	169	17	<0.01	53	330	106	35	<20	118	<0.01	<10	16	<10	5	103	
30	20366	5	0.4	0.18	30	45	<5	3.10	16	9	111	33	1.82	<10	1.65	155	17	<0.01	67	420	58	35	<20	68	<0.01	<10	23	<10	9	2271	
31	20367	5	0.2	0.60	20	35	<5	4.13	<1	24	160	54	3.57	<10	2.11	217	28	<0.01	83	870	150	35	<20	35	<0.01	<10	27	<10	12	26	
32	20368	5	<0.2	0.78	10	895	5	8.47	<1	<1	83	5	1.01	<10	4.74	235	3	<0.01	11	380	10	50	<20	205	<0.01	<10	6	<10	14	23	
33	20369	5	<0.2	1.17	10	2610	<5	7.51	<1	<1	152	17	1.01	<10	4.26	223	8	0.01	6	340	86	45	<20	287	<0.01	<10	12	<10	11	18	
34	20370	5	<0.2	0.24	15	30	5	5.73	<1	10	61	14	2.91	<10	3.17	212	4	<0.01	37	590	90	35	<20	230	<0.01	<10	6	<10	7	16	
35	20371	5	<0.2	0.12	<5	55	<5	7.99	<1	3	101	114	1.68	<10	4.61	457	7	<0.01	12	110	24	60	<20	193	<0.01	<10	5	<10	7	19	
36	20372	5	0.4	0.06	10	50	<5	1.79	28	2	138	83	1.66	<10	0.96	107	2	<0.01	7	140	1234	45	<20	57	<0.01	<10	2	<10	<1	3832	
37	20373	5	0.2	0.24	<5	50	10	2.23	<1	14	92	33	9.37	<10	1.11	350	10	<0.01	30	520	336	<5	<20	43	<0.01	<10	7	<10	<1	21	
38	20374	10	<0.2	0.33	10	45	10	7.41	<1	7	81	15	4.08	<10	4.15	624	7	<0.01	21	510	52	35	<20	153	<0.01	<10	20	<10	3	14	
39	20375	10	<0.2	0.22	5	165	<5	9.78	<1	3	65	5	1.43	<10	5.42	341	1	<0.01	10	500	10	45	<20	223	<0.01	<10	5	<10	16	13	
40	20376	5	0.6	0.48	30	55	<5	9.21	36	31	76	46	3.37	<10	4.79	729	3	<0.01	77	1750	38	50	<20	288	<0.01	<10	21	<10	17	4552	
41	20377	5	<0.2	0.24	20	165	<5	>10	<1	6	33	7	1.63	<10	7.58	419	<1	0.01	17	570	14	45	<20	213	<0.01	<10	7	<10	26	21	
QC DATA:																															
Resplit:																															
R/S 1	20337	5	<0.2	0.33	10	140	<5	2.72	2	9	65	55	2.06	<10	1.61	201	30	<0.01	74	220	14	30	<20	53	<0.01	<10	83	<10	10	287	
R/S 36	20372	5	0.4	0.07	10	45	<5	1.84	24	3	142	79	1.72	<10	0.97	114	4	<0.01	8	150	1188	40	<20	54	<0.01	<10	3	<10	<1	3627	
Repeat:																															
1	20337	5	<0.2	0.32	10	135	<5	2.72	1	8	59	54	1.95	<10	1.53	188	27	<0.01	70	220	12	25	<20	52	<0.01	<10	79	<10	9	291	
10	20346	5	<0.2	0.22	5	115	<5	>10	<1	5	33	10	1.65	<10	6.05	292	<1	0.01	13	410	20	50	<20	119	<0.01	<10	6	<10	12	16	
19	20355	5	0.8	0.34	20	25	<5	0.39	<1	10	76	73	2.84	<10	0.08	33	10	<0.01	55	1000	80	<5	<20	40	<0.01	<10	24	<10	6	79	
36	20372	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Standard:																															
GEO'97		145	1.2	1.72	65	165	<5	1.86	<1	20	62	82	4.16	<10	1.08	702	<1	0.02	22	670	22	10	<20	57	0.11	<10	77	<10	8	81	
GEO'97		130	1.4	1.74	60	160	<5	1.87	<1	20	65	81	4.24	<10	1.07	710	<1	0.02	24	690	24	5	<20	58	0.12	<10	79	<10	8	74	

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

17-Jun-97

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

ICP CERTIFICATE OF ANALYSIS AK 97-473

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

ATTENTION: SEAMUS YOUNG

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

No. of samples received: 51
Sample type: ROCK
PROJECT #: WATSON
SHIPMENT #: NONE GIVEN
Samples submitted by: KRL RESOURCES

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	20378	0.2	0.17	15	70	<5	6.69	<1	4	70	10	1.25	<10	3.85	257	11	<0.01	31	300	24	40	<20	140	<0.01	<10	37	<10	10	81
2	20379	0.2	0.27	10	45	<5	6.85	2	3	84	12	1.61	<10	3.57	380	9	<0.01	25	3240	22	40	<20	121	<0.01	<10	29	<10	17	217
3	20380	0.4	0.22	<5	40	<5	6.75	<1	3	110	11	2.18	<10	3.72	582	12	<0.01	22	1570	40	35	<20	147	<0.01	<10	21	<10	8	116
4	20381	<0.2	0.16	5	60	<5	5.16	<1	5	66	24	2.07	<10	2.88	241	33	<0.01	54	390	32	35	<20	104	<0.01	<10	68	<10	6	70
5	20382	<0.2	0.12	<5	55	<5	>10	<1	3	21	15	3.15	<10	>10	888	12	0.02	20	230	14	55	<20	301	<0.01	<10	266	<10	18	21
6	20383	<0.2	0.21	15	105	<5	3.57	<1	6	73	23	1.31	<10	1.94	223	33	<0.01	49	260	22	35	<20	59	<0.01	<10	63	<10	6	9
7	20384	0.2	0.18	10	115	<5	3.64	<1	5	84	23	1.18	<10	1.98	209	30	<0.01	46	230	18	25	<20	63	<0.01	<10	49	<10	6	16
8	20385	<0.2	0.18	5	80	<5	3.02	<1	5	54	21	1.34	<10	1.59	168	30	<0.01	52	500	22	30	<20	50	<0.01	<10	59	<10	6	27
9	20386	0.2	0.19	10	65	<5	3.05	<1	6	51	28	1.50	<10	1.63	217	33	<0.01	60	360	198	25	<20	57	<0.01	<10	56	<10	6	232
10	20387	0.2	0.18	10	80	<5	3.25	3	6	71	30	1.44	<10	1.73	231	43	<0.01	67	410	42	30	<20	63	<0.01	<10	58	<10	8	543
11	20388	<0.2	0.20	10	45	<5	2.66	<1	8	96	29	2.35	<10	1.36	203	34	<0.01	75	620	44	20	<20	54	<0.01	<10	62	<10	5	179
12	20389	0.4	0.26	15	55	<5	3.24	2	7	101	41	1.80	<10	1.71	250	48	<0.01	80	420	42	30	<20	68	<0.01	<10	89	<10	9	257
13	20390	0.4	0.24	15	45	<5	2.41	2	7	76	37	1.89	<10	1.23	362	44	<0.01	82	400	64	20	<20	49	<0.01	<10	73	<10	5	438
14	20391	1.0	0.16	25	45	<5	3.59	1	7	95	36	2.65	<10	1.89	337	38	<0.01	66	290	1270	30	<20	69	<0.01	<10	57	<10	7	426
15	20392	0.8	0.19	35	35	<5	2.89	4	7	65	60	1.79	<10	1.49	163	50	<0.01	85	420	40	30	<20	59	<0.01	<10	117	<10	6	742
16	20393	0.8	0.23	45	45	<5	2.47	1	15	101	125	>10	<10	1.04	207	30	<0.01	171	1750	228	<5	<20	67	<0.01	<10	78	<10	<1	153
17	20394	0.6	0.21	25	50	<5	2.33	<1	8	74	56	1.89	<10	1.08	210	49	<0.01	87	820	34	25	<20	56	<0.01	<10	87	<10	8	107
18	20395	0.4	0.14	10	35	<5	1.75	<1	8	80	36	1.76	<10	0.86	172	36	<0.01	71	250	116	20	<20	37	<0.01	<10	57	<10	4	93
19	20396	0.8	0.19	30	45	<5	2.69	<1	10	142	654	2.31	<10	1.33	307	50	<0.01	76	440	64	25	<20	43	<0.01	<10	89	<10	8	72
20	20397	0.4	0.17	25	55	<5	4.53	<1	7	76	41	1.91	<10	2.36	318	34	<0.01	72	390	50	35	<20	107	<0.01	<10	80	<10	12	23

KRL RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-473

ECO-TECH LABORATORIES LTD.

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
21	20398	0.6	0.24	35	30	<5	3.52	1	8	58	62	2.31	<10	1.87	210	51	<0.01	96	310	30	30	<20	124	<0.01	<10	134	<10	10	306
22	20399	0.4	0.22	45	50	<5	2.85	1	7	67	61	1.87	<10	1.47	218	49	<0.01	91	300	38	30	<20	75	<0.01	<10	105	<10	9	326
23	20400	0.6	0.18	30	50	<5	4.52	4	8	67	50	2.15	<10	2.32	306	39	<0.01	78	470	54	40	<20	144	<0.01	<10	93	<10	10	643
24	20401	1.6	0.23	35	35	<5	4.83	18	10	39	80	2.41	<10	1.08	170	31	<0.01	78	450	92	25	<20	225	<0.01	<10	70	<10	9	1508
25	20402	1.4	0.25	25	30	<5	3.34	5	8	139	66	2.48	<10	1.56	238	38	<0.01	86	660	82	25	<20	168	<0.01	<10	82	<10	8	425
26	20403	2.2	0.25	40	35	<5	2.91	9	10	92	98	2.57	<10	1.31	259	26	<0.01	99	1300	182	25	<20	142	<0.01	<10	87	<10	11	965
27	20404	1.2	0.23	20	30	<5	5.20	10	8	153	66	2.77	<10	2.53	369	28	<0.01	80	1110	176	40	<20	243	<0.01	<10	93	<10	11	1205
28	20405	0.6	0.16	20	25	<5	6.44	1	5	62	20	2.13	<10	3.45	546	11	<0.01	33	260	444	35	<20	194	<0.01	<10	49	<10	6	327
29	20406	0.2	0.31	10	75	<5	5.91	<1	4	121	12	1.73	<10	2.86	753	18	<0.01	43	2140	34	40	<20	492	<0.01	<10	86	<10	8	64
30	20407	0.4	0.19	25	55	<5	7.12	<1	5	55	17	2.16	<10	3.75	906	14	<0.01	45	290	38	45	<20	231	<0.01	<10	68	<10	6	226
31	20408	0.4	0.17	20	25	<5	8.44	3	6	62	16	3.59	<10	4.43	1367	11	<0.01	31	230	40	40	<20	260	<0.01	<10	70	<10	8	711
32	20409	0.6	0.14	15	15	<5	6.40	2	4	65	12	2.34	<10	3.35	1195	9	<0.01	25	160	62	40	<20	275	<0.01	<10	39	<10	4	502
33	20410	<0.2	0.24	15	20	<5	1.58	79	9	145	49	1.76	<10	0.68	310	3	<0.01	43	740	76	10	<20	179	<0.01	<10	20	<10	<1	>10000
34	20411	0.2	0.28	35	55	<5	1.30	2	14	37	47	3.49	<10	0.83	240	6	<0.01	47	840	32	15	<20	159	<0.01	<10	12	<10	6	858
35	20412	0.2	0.49	5	105	<5	1.14	1	14	51	48	3.67	<10	1.01	231	8	<0.01	48	840	28	10	<20	99	<0.01	<10	15	<10	4	268
36	20413	<0.2	0.50	<5	135	<5	1.19	1	11	104	29	3.52	<10	0.99	273	9	<0.01	33	410	26	10	<20	92	<0.01	<10	9	<10	<1	137
37	20414	0.2	0.86	<5	120	<5	0.80	<1	14	32	49	3.70	<10	1.03	189	6	<0.01	55	780	30	5	<20	69	<0.01	<10	19	<10	1	219
38	20415	0.6	0.35	20	30	<5	1.57	<1	11	39	48	2.25	<10	0.65	122	10	<0.01	63	1200	94	15	<20	118	<0.01	<10	24	<10	9	142
39	20416	1.6	0.38	20	25	<5	0.76	<1	14	100	47	4.38	<10	0.25	48	17	<0.01	80	1110	2394	5	<20	89	<0.01	<10	35	<10	4	29
40	20417	0.4	0.01	<5	460	<5	0.10	2	<1	20	22	0.13	<10	0.05	9	<1	<0.01	1	30	204	10	<20	235	<0.01	<10	2	<10	<1	383
41	20418	<0.2	<0.01	<5	20	<5	0.05	339	<1	25	74	0.14	<10	0.03	8	<1	<0.01	<1	<10	1250	25	<20	94	<0.01	<10	<1	<10	<1	>10000
42	20419	0.4	0.33	<5	15	<5	1.39	18	17	130	56	1.99	<10	0.59	142	9	<0.01	35	1250	488	15	<20	297	<0.01	<10	24	<10	6	2840
43	20420	0.4	0.33	20	20	<5	1.62	2	11	71	52	2.40	<10	0.65	141	13	<0.01	60	1250	38	15	<20	167	<0.01	<10	25	<10	9	258
44	20421	0.6	0.30	25	20	<5	1.98	2	11	36	46	2.50	<10	0.80	219	9	<0.01	57	1100	54	15	<20	183	<0.01	<10	20	<10	9	328
45	20422	0.4	0.26	55	70	<5	2.03	1	7	136	37	1.54	<10	0.84	120	11	<0.01	36	1420	30	20	<20	502	<0.01	<10	19	<10	11	329
46	20423	0.4	0.24	65	25	<5	2.07	7	10	77	64	2.85	<10	0.88	117	9	<0.01	69	1150	44	20	<20	476	<0.01	<10	20	<10	8	972
47	20424	0.6	0.26	25	30	<5	0.55	2	11	76	43	2.30	<10	0.15	40	10	<0.01	57	1010	72	<5	<20	83	<0.01	<10	16	<10	8	432
48	20425	0.2	0.19	20	115	<5	1.19	<1	7	112	18	1.95	<10	0.59	215	6	<0.01	29	350	14	10	<20	105	<0.01	<10	8	<10	3	109
49	20426	0.2	0.20	5	30	<5	0.67	2	8	148	19	1.97	<10	0.25	122	10	<0.01	32	320	26	<5	<20	62	<0.01	<10	6	<10	<1	581
50	20427	0.2	0.25	10	90	5	3.54	1	9	74	24	4.84	<10	1.94	580	6	<0.01	45	2140	16	20	<20	475	<0.01	<10	20	<10	6	209
51	20428	0.6	0.32	20	35	<5	1.71	2	10	48	47	2.28	<10	0.68	148	10	<0.01	56	1290	38	15	<20	161	<0.01	<10	26	<10	11	311

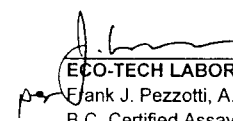
KRL RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-473

ECO-TECH LABORATORIES LTD.

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
QC DATA:																													
<i>Resplit:</i>																													
1	20378	<0.2	0.18	20	60	<5	7.32	<1	5	79	11	1.30	<10	3.99	264	15	<0.01	36	320	26	50	<20	143	<0.01	<10	39	<10	12	90
36	20413	<0.2	0.56	<5	150	<5	1.17	<1	11	110	27	3.44	<10	1.00	274	9	<0.01	31	420	22	15	<20	90	<0.01	<10	10	<10	<1	147
<i>Repeat:</i>																													
1	20378	<0.2	0.18	15	70	<5	6.81	<1	4	71	10	1.27	<10	3.90	261	12	<0.01	31	320	26	45	<20	142	<0.01	<10	38	<10	11	82
10	20387	0.2	0.17	15	75	<5	3.25	2	6	72	30	1.45	<10	1.68	230	44	<0.01	66	420	44	26	<20	59	<0.01	<10	56	<10	8	573
19	20396	0.8	0.19	35	40	<5	2.74	<1	10	150	647	2.38	<10	1.34	315	50	<0.01	77	470	70	25	<20	46	<0.01	<10	89	<10	8	81
36	20413	0.2	0.51	<5	120	<5	1.19	<1	12	106	28	3.54	<10	1.00	274	8	<0.01	32	420	26	10	<20	93	<0.01	<10	10	<10	<1	145
<i>Standard:</i>																													
GEO'97		1.4	1.80	65	165	<5	1.83	<1	19	59	83	4.09	<10	1.06	701	<1	0.02	22	730	24	5	<20	57	0.11	<10	73	<10	8	72
GEO'97		1.4	1.82	65	185	<5	1.77	<1	19	59	81	4.04	<10	1.02	688	<1	0.02	24	710	22	15	<20	57	0.11	<10	72	<10	7	84

dt/473
XLS/97
fax: 689-0288


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

4-Jul-97

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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ICP CERTIFICATE OF ANALYSIS AK 97-475R

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

ATTENTION: SEAMUS YOUNG

No. of samples received: 21
Sample type: ROCK
PROJECT #: WATSON
SHIPMENT #: NONE GIVEN
Samples submitted by: KRL RESOURCES

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	RW01	5	0.8	0.13	<5	15	<5	7.54	<1	4	145	1102	1.72	<10	1.14	361	7	0.01	8	150	<2	25	<20	183	<0.01	<10	3	<10	9	6
2	RW02	5	<0.2	0.17	<5	25	<5	6.50	<1	6	154	28	3.20	<10	2.05	442	4	0.02	6	160	22	25	<20	181	<0.01	<10	3	<10	1	39
3	RW03	5	<0.2	0.07	<5	10	<5	>10	1	3	116	9	1.82	<10	2.49	564	4	<0.01	10	120	36	35	<20	335	<0.01	<10	20	<10	26	75
4	RW04	5	0.4	0.33	40	100	<5	2.59	1	14	141	42	4.32	<10	0.71	3192	8	<0.01	58	760	16	15	<20	135	<0.01	<10	10	<10	8	178
5	RW05	5	<0.2	0.09	690	65	15	1.66	<1	34	18	60	>10	<10	2.19	805	12	<0.01	146	260	6	<5	<20	212	<0.01	<10	2	<10	<1	385
6	RW06	20	27.2	0.29	75	30	<5	2.08	816	7	160	225	3.92	<10	0.58	739	<1	<0.01	24	240	>10000	150	<20	139	<0.01	<10	8	<10	<1	>10000
7	RW07	20	14.8	0.50	290	85	<5	1.69	292	15	172	228	5.49	<10	0.55	969	26	<0.01	43	810	>10000	330	<20	197	<0.01	<10	28	<10	<1	>10000
8	RW08	5	0.4	0.43	80	215	<5	7.23	2	14	56	31	2.81	<10	2.98	758	2	0.02	28	1890	512	35	<20	445	<0.01	<10	30	<10	19	236
9	RW09	10	<0.2	0.14	15	80	<5	1.90	10	3	138	20	0.96	<10	0.85	147	20	<0.01	26	270	204	20	<20	83	<0.01	<10	52	<10	5	1159
10	RW10	5	<0.2	0.12	5	255	<5	0.07	<1	3	192	22	0.99	<10	0.01	50	19	<0.01	15	110	52	<5	<20	8	<0.01	<10	4	<10	<1	51
11	RW11	5	0.8	0.24	5	1875	<5	0.05	<1	<1	130	21	1.99	<10	<0.01	133	3	<0.01	6	100	30	<5	<20	16	<0.01	<10	3	<10	<1	43
12	RW12	5	>30	0.01	20	45	<5	0.03	59	<1	52	145	0.20	<10	<0.01	7	<1	<0.01	2	110	>10000	185	<20	44	<0.01	<10	1	<10	<1	8498
13	RW13	5	1.0	1.15	15	105	<5	0.21	63	5	139	56	1.59	<10	<0.01	29	<1	<0.01	43	920	3300	5	<20	24	<0.01	<10	19	<10	3	>10000
14	RW14	5	2.2	0.27	40	40	<5	0.11	90	4	88	238	2.92	<10	<0.01	388	<1	<0.01	21	530	4226	10	<20	23	<0.01	<10	18	<10	<1	>10000
15	RW15	5	<0.2	<0.01	5	15	<5	<0.01	421	<1	44	174	0.49	<10	<0.01	35	<1	<0.01	2	<10	468	<5	<20	12	<0.01	<10	<1	<10	<1	>10000
16	RW16	10	0.6	0.75	35	1405	5	<0.01	2	<1	127	127	9.36	<10	<0.01	42	19	<0.01	16	380	66	<5	<20	18	<0.01	<10	56	<10	<1	383
17	RW17	NO SAMPLE																												
18	RW18	5	<0.2	0.60	<5	395	15	0.71	2	46	84	27	8.16	<10	4.00	842	2	0.10	159	1400	30	10	<20	42	0.16	<10	24	<10	7	265
19	RW19	5	0.2	0.17	10	270	<5	0.76	<1	4	151	16	1.84	<10	0.31	112	4	<0.01	23	350	38	<5	<20	140	<0.01	<10	9	<10	4	81
20	RW20	5	27.4	<0.01	5	40	<5	<0.01	4	<1	10	105	0.09	<10	<0.01	<1	<1	<0.01	<1	20	>10000	95	<20	17	<0.01	<10	<1	<10	2	62
21	RW21	5	6.6	0.93	830	80	<5	0.76	<1	6	160	>10000	2.46	<10	0.25	91	2	<0.01	23	960	2324	580	<20	149	<0.01	<10	61	<10	4	386

KRL RESOURCES

ICP CERTIFICATE OF ANALYSIS AK 97-475

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	RW01	5	0.8	0.10	<5	25	<5	7.60	<1	4	150	1132	1.71	<10	1.16	358	7	0.01	8	170	8	20	<20	190	<0.01	<10	2	<10	10	11	
Repeat:																															
1	RW01	5	1.0	0.11	<5	15	<5	7.50	<1	4	144	1105	1.67	<10	1.15	356	7	0.01	8	160	4	20	<20	185	<0.01	<10	2	<10	9	10	
10	RW10	5	<0.2	0.13	5	265	<5	0.02	<1	4	194	18	1.04	<10	0.02	55	19	<0.01	16	110	44	<5	<20	6	<0.01	<10	4	<10	<1	60	
19	RW19	-	0.2	0.17	10	285	<5	0.76	1	4	153	21	1.83	<10	0.30	111	4	<0.01	24	350	44	<5	<20	145	<0.01	<10	9	<10	4	63	
Standard:																															
GEO'97		140	1.6	1.79	65	180	<5	1.82	<1	19	62	84	4.38	<10	1.08	681	<1	0.02	22	630	24	10	<20	64	0.12	<10	77	<10	8	77	

df/475/475C
XLS/97
fax: 689-0288


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

25-Jun-97

ECO-TECH LABORATORIES LTD.
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 97-476

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

ATTENTION: SEAMUS YOUNG

No. of samples received: 3
Sample type: SOIL
PROJECT #: WATSON
SHIPMENT #: NONE GIVEN
Samples submitted by: KRL RESOURCES

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	L21S 2+40W	<5	<0.2	1.14	<5	265	5	0.30	<1	9	43	6	2.43	<10	0.50	377	<1	0.02	33	760	12	<5	<20	14	0.07	<10	41	<10	3	73
2	L21S 2+50W	<5	<0.2	1.23	<5	245	5	0.21	<1	6	22	4	1.74	<10	0.32	353	<1	0.01	17	1150	12	<5	<20	11	0.07	<10	31	<10	3	92
3	L21S 2+60W	<5	<0.2	1.33	<5	240	5	0.25	<1	9	31	4	2.72	<10	0.35	295	<1	0.01	20	1030	12	<5	<20	10	0.08	<10	51	<10	<1	86

QC DATA:

Repeat:

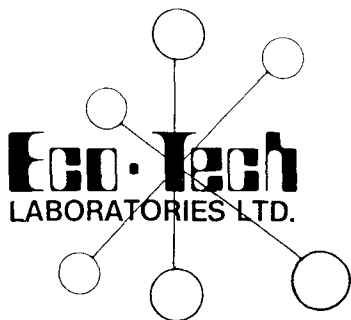
1	L21S 2+40W	<5	<0.2	1.10	<5	250	5	0.28	<1	9	41	5	2.33	<10	0.48	362	<1	0.02	31	740	10	5	<20	13	0.07	<10	40	<10	3	71
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Standard:

GEO'97		145	1.2	1.77	65	170	<5	1.75	<1	19	61	81	3.94	<10	1.03	677	<1	0.02	20	620	18	10	<20	68	0.13	<10	81	<10	8	69
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df/510
XLS/97
fax: 689-0288


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ENVIRONMENTAL TESTING

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Fax (250) 573-4557

WHOLE ROCK CERTIFICATE OF ANALYSIS AK97-474

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

13-Jun-97

ATTENTION: SEAMUS YOUNG

No. of samples received: 1
Sample type: ROCK
PROJECT #: WATSON
SHIPMENT #: NONE GIVEN
Samples submitted by: KRL RESOURCES

Values expressed in percent

ET #.	Tag #	BaO	P2O5	SiO2	MnO	Fe2O3	MgO	Al2O3	CaO	TiO2	Na2O	K2O	L.O.I.
1	20429	1.64	0.67	53.07	0.01	5.14	1.29	20.73	1.70	3.68	0.17	5.66	6.24

QC/DATA:

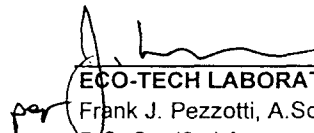
Repeat #:

1	20429	1.65	0.64	52.83	<0.01	5.17	1.30	20.79	1.74	3.69	0.19	5.71	6.29
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Standard:

SY2	0.05	0.38	59.31	0.31	6.33	2.73	12.15	8.01	0.13	4.35	4.40	1.84
MRG1	<0.01	0.05	39.58	0.16	17.55	13.41	8.27	14.47	3.42	0.73	0.14	2.22

5/97
r392
fax: 689-0288


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Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 97-473

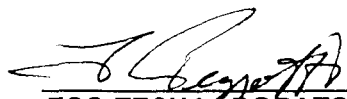
KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

18-Jun-97

ATTENTION: SEAMUS YOUNG

No. of samples received: 51
Sample type: ROCK
PROJECT #: WATSON
SHIPMENT #: NONE GIVEN
Samples submitted by: KRL RESOURCES

ET #.	Tag #	Zn (%)
33	20410	2.67
41	20418	4.04


ECO-TECH LABORATORIES LTD.
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ENVIRONMENTAL TESTING

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Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 97-475

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

19-Jun-97

ATTENTION: SEAMUS YOUNG

No. of samples received: 22

Sample type: ROCK

PROJECT #: WATSON

SHIPMENT #: NONE GIVEN

Samples submitted by: KRL RESOURCES

IT #.	Tag #	Ag (g/t)	Ag (oz/t)	Cu (%)	Pb (%)	Sn (%)	Zn (%)
6	RW06	42.0	1.23		5.50		
12	RW12	54.1	1.58		10.10		
13	RW13	16.2	0.47		0.37		
14	RW14						1.68
15	RW15						5.80
20	RW20	52.3	1.53		70.20		
21	RW21			0.95			
22	RW22					7.91	

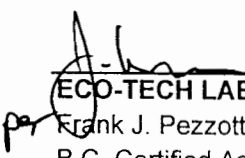
QC/DATA:

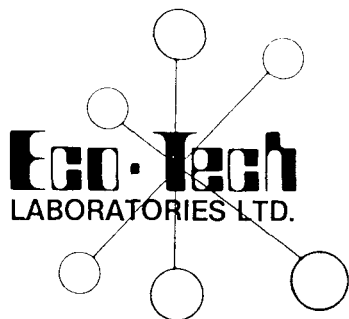
Repeat:

6	RW06	40.4	1.18		5.60		
14	RW14						1.71
21	RW21			0.95			

Standard:

Mp-1A	70.5	2.06	1.44				
CPb-1				64.7			4.42


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CERTIFICATE OF ANALYSIS AK 97-475

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

25-Jun-97

ATTENTION: SEAMUS YOUNG

No. of samples received: 22
Sample type: ROCK
PROJECT #: WATSON
SHIPMENT #: NONE GIVEN
Samples submitted by: KRL RESOURCES

<u>LT #.</u>	<u>Tag #</u>	<u>Ba (ppm)</u>
12	RW12	618
14	RW14	1567
15	RW15	599
19	RW19	4726
20	RW20	1637

QC DATA:

Repeat:

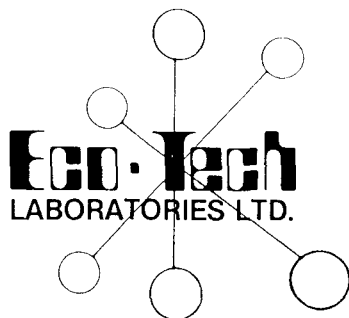
14	RW14	1318
----	------	------

Standard:

SO-2	960
------	-----

XLS/97
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CERTIFICATE OF ASSAY AK 97-475

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

25-Jun-97

ATTENTION: SEAMUS YOUNG

No. of samples received: 22
Sample type: ROCK
PROJECT #: WATSON
SHIPMENT #: NONE GIVEN
Samples submitted by: KRL RESOURCES

<u>Γ #.</u>	<u>Tag #</u>	<u>Ba</u> <u>(%)</u>
11	RW11	1.62

XLS/97
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pr 
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WHOLE ROCK CERTIFICATE OF ANALYSIS AK97-475

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

27-Jun-97

ATTENTION: SEAMUS YOUNG

No. of samples received: 22

Sample type: ROCK

PROJECT #: WATSON

SHIPMENT #: NONE GIVEN

Samples submitted by: KRL RESOURCES

Values expressed in percent

ET #.	Tag #	BaO	P2O5	SiO2	MnO	Fe2O3	MgO	Al2O3	CaO	TiO2	Na2O	K2O	L.O.I.
8	RW08	0.35	0.41	51.49	0.10	3.25	4.17	14.16	8.45	0.77	0.32	2.74	13.80

QC/DATA:

Repeat #:

8	RW08	0.33	0.45	51.77	0.09	3.27	3.99	14.06	8.58	0.70	0.31	2.53	13.92
---	------	------	------	-------	------	------	------	-------	------	------	------	------	-------

Standard:

MRG1	0.01	0.04	39.30	0.17	17.34	13.75	8.79	14.24	3.54	0.74	0.16	1.92
SY2	0.05	0.40	59.62	0.32	6.06	2.83	12.24	7.66	0.13	4.34	4.50	1.84

XLS/97
df/wr472
f2v 689-0288


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Fax (250) 573-4557

CERTIFICATE OF ANALYSIS AK 97-471

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

25-Jun-97

ATTENTION: SEAMUS YOUNG

No. of samples received: 29

Sample type: ROCK

PROJECT #: WATSON

SHIPMENT #: NONE GIVEN

Samples submitted by: KRL RESOURCES

LT #.	Tag #	Ba (ppm)
3	20310	853
5	20312	1204
6	20313	873
9	20316	790
14	20321	408
20	20327	790
22	20329	853

QC DATA:

Repeat:

3	20310	771
---	-------	-----

Standard:

SO-2	966
------	-----


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CERTIFICATE OF ANALYSIS AK 97-472

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

25-Jun-97

ATTENTION: SEAMUS YOUNG

No. of samples received: 41
Sample type: ROCK
PROJECT #: WATSON
SHIPMENT #: NONE GIVEN
Samples submitted by: KRL RESOURCES

Γ #.	Tag #	Ba (%)
32	20368	1.78
33	20369	2.41

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Fax (250) 573-4557

WHOLE ROCK CERTIFICATE OF ANALYSIS AK97-472

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

27-Jun-97

ATTENTION: SEAMUS YOUNG

No. of samples received: 41
Sample type: ROCK
PROJECT #: WATSON
SHIPMENT #: NONE GIVEN
Samples submitted by: KRL RESOURCES

Values expressed in percent

ET #.	Tag #	BaO	P2O5	SiO2	MnO	Fe2O3	MgO	Al2O3	CaO	TiO2	Na2O	K2O	L.O.I.
15	20351	0.65	0.39	46.54	0.24	9.46	4.75	15.62	7.99	2.33	0.17	3.99	7.88

QC/DATA:

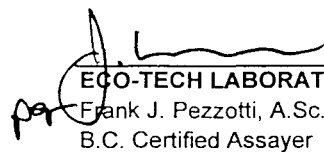
Repeat #:

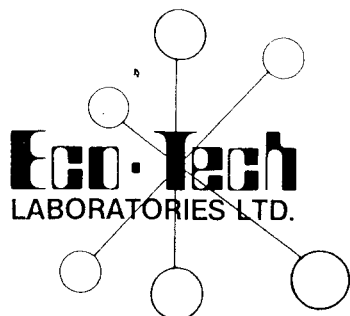
15	20351	0.65	0.38	46.66	0.23	9.53	4.59	15.84	7.96	2.44	0.05	3.77	7.89
----	-------	------	------	-------	------	------	------	-------	------	------	------	------	------

Standard:

MRG1	0.01	0.04	39.30	0.17	17.34	13.75	8.79	14.24	3.54	0.74	0.16	1.92
SY2	0.05	0.40	59.62	0.32	6.06	2.83	12.24	7.66	0.13	4.34	4.50	1.84

1997
C...wr472
fax: 689-0288


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CERTIFICATE OF ASSAY AK 97-475A

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

14-Jul-97

ATTENTION: RITA CHOW

No. of samples received: 22

Sample type: ROCK

PROJECT #: WATSON

SHIPMENT #: NONE GIVEN

Samples submitted by: KRL RESOURCES

ET #.	Tag #	Ag (g/t)	Ag (oz/t)	Ba (%)	Cu (%)	Pb (%)	Sn (%)	Zn (%)
6	RW06	31.3	0.91			5.53		7.98
7	RW07	16.6	0.48	0.27		3.08		3.06
8	RW08			0.96				
11	RW11	0.1	<.01	9.06				
12	RW12	44.2	1.29	42.3		10.80		
13	RW13							1.08
14	RW14	2.3	0.07	34.3				1.68
15	RW15			41.3				5.80
16	RW16	0.1	<.01	0.69				
19	RW19			0.46				
20	RW20	44.5	1.30	1.13		70.20		
21	RW21	5.4	0.16		0.95			
22	RW22						7.91	

QC/DATA:

Repeat:

14	RW14							1.71
20	RW20	44.8	1.31					
21	RW21				0.95			

Standard:

Mp-IA	70.0	2.04	0.54	1.44	4.33			19.02
CPb								4.42

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fax: 689-0288


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CERTIFICATE OF ANALYSIS AS 97-473

KRL RESOURCES
1022-470 GRANVILLE ST
VANCOUVER, BC
V6C 1V5

15-Jul-97

ATTENTION: RITA CHOW

No. of samples received: 51

Sample type: ROCK

PROJECT #: WATSON

SHIPMENT #: NONE GIVEN

Samples submitted by: KRL RESOURCES

ET #.	Tag #	Cd (ppb)	Au (ppb)	Ba (%)	Hg (ppb)	In (ppm)
19	20396		5			
33	20410	80	5	0.53	3750	<5.
36	20413		5			
40	20417		5			
41	20418		5			
42	20419		5			
48	20425		5			
49	20426		5			

QC DATA:

Resplit:

36 20413 5

Repeat:

19 20396 5
33 20410 76 0.54 3570

Standard:

GEO'97 145
S0-2 75


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per Frank J. Pezzotti, A.Sc.T.
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XLS/97
fax: 689-0288



GEOCHEMICAL ANALYSIS CERTIFICATE



KRL Resources Corp. PROJECT WATSON

File # 97-3606

Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5

Submitted by: Seamus Young

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
L1 24+00N	<1	10	8	50	<3	37	10	230	2.82	3	<8	<2	7	12	<2	<3	<3	40	.22	.085	20	34	.58	155	.06	<3	1.11	.01	.04	<2
L1 23+50N	1	5	4	55	<3	19	7	191	2.07	4	<8	<2	5	10	<2	<3	<3	29	.14	.070	13	22	.30	153	.06	3	1.05	.01	.04	<2
L1 23+00N	1	10	10	45	<3	35	10	160	2.73	6	<8	<2	7	12	<2	<3	<3	39	.15	.072	17	35	.45	160	.08	<3	1.39	.01	.05	<2
L1 22+50N	1	8	10	52	<3	32	9	183	2.68	3	<8	<2	6	11	<2	<3	<3	38	.15	.105	16	31	.42	166	.08	<3	1.42	.01	.05	<2
L1 22+00N	<1	7	7	34	<3	20	6	183	1.81	<2	<8	<2	5	13	<2	<3	<3	25	.18	.048	14	19	.37	139	.06	<3	.87	.01	.04	<2
L1 21+50N	1	5	4	41	<3	18	6	124	2.19	4	<8	<2	4	10	<2	<3	<3	31	.14	.044	15	26	.31	101	.07	<3	1.02	.01	.03	<2
L1 21+00N	1	7	6	38	<3	20	7	236	2.27	4	<8	<2	5	10	<2	<3	<3	31	.13	.046	14	24	.33	116	.07	<3	1.07	.01	.04	<2
L1 20+50N	1	5	5	27	<3	15	6	122	1.93	3	<8	<2	4	12	<2	<3	<3	29	.16	.036	14	21	.27	114	.07	<3	.99	.01	.03	<2
L1 20+00N	1	14	5	45	<3	42	12	278	3.17	6	<8	<2	9	17	<2	<3	<3	49	.28	.102	22	41	.76	157	.10	<3	1.17	.01	.04	2
L1 19+50N	<1	10	<3	84	<3	38	11	351	2.98	<2	<8	<2	7	16	.3	<3	<3	46	.25	.105	19	34	.69	158	.10	<3	1.31	.01	.06	<2
L1 19+00N	<1	9	7	67	<3	42	11	282	3.22	3	<8	<2	8	18	<2	<3	<3	50	.26	.096	19	38	.73	149	.10	<3	1.34	.01	.06	<2
L1 18+50N	<1	8	7	91	<3	35	10	301	2.80	3	<8	<2	8	16	.2	<3	<3	43	.22	.089	14	33	.54	166	.10	3	1.43	.01	.05	<2
L1 18+00N	<1	11	3	57	<3	43	12	350	3.39	4	<8	<2	8	20	<2	<3	<3	56	.29	.089	21	42	.84	165	.10	<3	1.25	.02	.05	<2
L1 17+50N	1	13	4	65	<3	48	13	324	3.43	4	<8	<2	11	16	<2	<3	<3	52	.27	.099	20	39	1.04	129	.10	<3	1.29	.01	.05	<2
L1 17+00N	1	5	<3	12	<3	7	2	61	.66	<2	<8	<2	<2	53	<2	<3	<3	7	1.16	.067	2	5	.21	132	.02	3	.23	.01	.02	<2
L1 16+50N	<1	3	<3	3	<3	2	1	18	.29	<2	<8	<2	<2	129	.2	<3	<3	3	4.09	.050	1	2	.15	443	.01	5	.27	.02	.01	<2
L1 16+00N	2	4	<3	5	<3	1	1	35	.16	<2	<8	<2	<2	128	.3	<3	<3	2	4.28	.073	<1	1	.21	258	<.01	6	.11	.01	.01	<2
RE L1 16+00N	2	4	<3	5	<3	2	1	35	.16	<2	<8	<2	<2	127	.2	<3	<3	2	4.18	.073	<1	2	.20	261	<.01	6	.11	.01	.01	<2
L1 15+50N	<1	11	7	60	<3	43	12	263	3.27	3	<8	<2	8	16	<2	<3	<3	50	.26	.114	17	38	.70	123	.10	<3	1.35	.01	.04	<2
L1 15+00N	<1	16	4	50	<3	43	13	226	3.33	3	<8	<2	9	15	<2	<3	<3	54	.24	.103	18	41	.73	169	.11	<3	1.44	.01	.04	<2
L1 14+50N	<1	11	7	53	<3	43	12	280	3.07	2	<8	<2	7	15	<2	<3	<3	45	.25	.105	17	36	.74	133	.10	<3	1.25	.01	.05	<2
L1 14+00N	<1	8	3	79	<3	44	12	429	3.53	3	<8	<2	7	18	<2	<3	<3	58	.28	.115	18	44	.75	149	.11	3	1.33	.02	.06	<2
L1 13+50N	<1	7	<3	100	<3	30	10	257	2.70	<2	<8	<2	5	15	<2	<3	<3	43	.21	.101	13	33	.38	186	.11	<3	1.38	.01	.05	<2
L1 13+00N	<1	9	5	50	<3	36	11	219	2.79	6	<8	<2	7	13	<2	<3	<3	44	.18	.101	14	38	.50	155	.11	<3	1.45	.01	.05	<2
L1 12+50N	<1	8	5	36	<3	24	8	215	2.24	2	<8	<2	6	15	<2	<3	<3	35	.21	.060	16	29	.44	140	.10	<3	1.06	.01	.03	<2
L1 12+00N	1	6	7	49	<3	21	8	210	2.48	5	<8	<2	4	11	<2	<3	<3	42	.13	.065	14	31	.32	133	.10	<3	1.38	.01	.04	<2
L1 11+50N	<1	9	3	45	<3	28	9	295	2.60	5	<8	<2	6	19	.2	<3	<3	44	.25	.064	15	36	.45	188	.11	<3	1.37	.01	.05	<2
L1 11+00N	<1	7	8	34	<3	21	8	168	2.14	3	<8	<2	3	40	<2	<3	<3	34	.61	.028	12	27	.40	156	.09	<3	1.16	.02	.03	<2
L1 9+50N/10+50N	<1	9	<3	26	<3	7	2	125	.70	<2	<8	<2	<2	67	<2	<3	<3	9	1.96	.059	6	14	.27	397	.03	3	.78	.02	.03	<2
L1 9+00N	1	5	3	4	<3	6	2	14	1.49	<2	<8	<2	<2	83	.2	<3	<3	3	2.34	.094	1	3	.10	377	.01	3	.19	.01	.02	<2
L1 8+50N	<1	9	3	36	<3	23	8	173	2.62	3	<8	<2	5	20	<2	<3	<3	47	.28	.044	14	34	.40	171	.10	<3	1.54	.02	.03	<2
L1 8+00N	1	7	10	59	<3	22	10	317	2.92	4	<8	<2	5	18	<2	<3	<3	54	.26	.097	15	35	.38	185	.11	<3	1.70	.01	.05	<2
L1 7+50N	1	13	6	39	<3	31	10	246	2.75	5	<8	<2	6	23	<2	<3	<3	45	.34	.060	17	39	.47	213	.10	<3	1.38	.02	.06	<2
L1 7+00N	1	7	7	54	<3	20	7	212	2.37	4	<8	<2	4	18	<2	<3	<3	45	.23	.057	15	32	.39	224	.10	<3	1.63	.01	.03	<2
L1 6+50N	1	12	4	44	<3	33	11	376	2.91	6	<8	<2	7	19	<2	<3	<3	50	.28	.086	16	44	.47	224	.10	<3	1.52	.02	.07	<2
STANDARD C3	24	61	35	159	5.5	34	11	721	3.44	55	20	2	18	31	24.3	15	24	79	.59	.086	17	162	.63	150	.10	20	1.93	.04	.16	19

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.

- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 16 1997 DATE REPORT MAILED: July 22/97 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA



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
L1 6+00N	1	7	12	65	<.3	37	9	251	2.83	7	<8	<2	3	15	<.2	<3	<3	54	.27	.117	9	42	.44	291	.08	<3	1.63	.01	.05	<2
L1 5+50N	1	6	10	71	<.3	34	10	308	2.82	3	<8	<2	4	13	<.2	<3	<3	54	.23	.059	11	39	.42	341	.09	<3	1.64	.01	.05	<2
L1 5+00N	1	5	11	37	<.3	21	7	246	2.38	4	<8	<2	4	14	<.2	<3	<3	46	.21	.031	12	31	.29	305	.08	<3	1.33	.01	.04	<2
L1 4+50N	<1	7	8	83	<.3	27	9	861	2.32	2	<8	<2	3	11	<.2	<3	<3	41	.17	.101	8	34	.31	282	.08	<3	1.35	.01	.04	<2
L1 4+00N	1	7	12	100	<.3	31	11	556	2.89	3	<8	<2	5	15	<.2	<3	<3	54	.27	.125	11	35	.40	336	.09	<3	1.55	.01	.05	<2
L1 3+50N	1	7	11	68	.5	27	9	190	2.92	2	<8	<2	4	13	<.2	<3	<3	54	.17	.082	13	38	.36	166	.10	<3	1.65	.01	.04	<2
L1 3+00N	1	11	6	59	<.3	35	11	273	2.73	8	<8	<2	5	17	<.2	<3	<3	45	.23	.094	12	33	.44	177	.09	<3	1.51	.01	.06	<2
L1 2+50N	1	10	11	71	<.3	48	13	323	2.87	6	<8	<2	6	19	<.2	<3	<3	42	.33	.200	14	33	.66	180	.09	<3	1.45	.01	.07	<2
L1 2+00N	1	9	12	81	<.3	28	11	709	2.66	8	<8	<2	5	15	.2	<3	<3	44	.22	.113	13	37	.40	193	.09	<3	1.40	.01	.08	<2
L1 1+50N	1	11	15	60	<.3	33	13	331	3.00	8	<8	<2	6	14	<.2	<3	<3	49	.18	.094	13	41	.48	154	.10	<3	1.67	.01	.07	<2
L1 1+00N	1	8	10	51	.4	22	9	307	2.16	3	<8	<2	4	18	.3	<3	<3	37	.28	.071	11	28	.37	253	.07	<3	1.25	.01	.06	<2
L1 0+50N	1	7	11	127	.9	16	10	283	2.81	5	<8	<2	3	10	.8	<3	<3	50	.14	.116	12	27	.25	334	.08	<3	1.16	.01	.04	<2
L1 0N	1	12	13	48	.7	14	6	139	1.95	5	<8	<2	3	13	<.2	<3	3	42	.13	.031	11	22	.25	1686	.05	<3	.97	.01	.04	<2
X2 2350N	<1	2	4	19	<.3	4	2	139	1.01	<2	<8	<2	3	5	<.2	<3	<3	19	.05	.020	14	10	.06	58	.04	<3	.36	.01	.03	<2
X2 2300N	<1	8	11	87	<.3	35	10	405	2.68	4	<8	<2	6	10	<.2	<3	<3	38	.16	.083	15	31	.53	173	.06	<3	1.29	.01	.05	<2
X2 2250N	<1	4	9	105	<.3	22	7	1234	2.13	<2	<8	<2	3	8	<.2	<3	<3	31	.13	.091	10	21	.33	226	.05	<3	1.13	.01	.05	<2
RE X2 2250N	<1	4	10	104	<.3	22	7	1196	2.13	2	<8	<2	4	8	<.2	6	<3	31	.13	.090	11	21	.33	224	.05	<3	1.12	.01	.05	<2
X2 2200N	<1	4	9	79	<.3	20	6	849	1.99	2	<8	<2	3	8	<.2	<3	<3	29	.11	.051	10	19	.28	164	.06	<3	.94	.01	.04	<2
X2 2150N	<1	5	9	74	<.3	22	7	639	1.96	3	<8	<2	4	8	<.2	<3	<3	28	.11	.056	10	19	.35	192	.06	3	1.01	.01	.04	<2
X2 2100N	<1	6	8	78	<.3	26	7	720	2.12	3	<8	<2	4	10	<.2	<3	<3	29	.16	.076	12	23	.39	150	.05	<3	.92	.01	.05	<2
X2 2050N	1	4	11	78	<.3	21	7	243	2.65	<2	<8	<2	4	9	<.2	<3	<3	38	.16	.132	14	25	.38	144	.06	<3	1.15	.01	.05	<2
X2 2000N	<1	6	8	63	<.3	28	8	472	2.32	<2	<8	<2	5	10	<.2	<3	<3	32	.17	.074	15	25	.43	133	.05	<3	.91	.01	.05	<2
X2 1950N	<1	6	7	92	<.3	32	9	487	2.67	3	<8	<2	6	11	<.2	<3	<3	38	.19	.125	15	27	.47	134	.06	<3	1.22	.01	.05	<2
X2 1900N	<1	4	9	102	<.3	17	7	568	2.33	<2	<8	<2	5	10	<.2	<3	<3	34	.15	.111	13	25	.28	141	.07	<3	1.07	.01	.05	<2
X2 1850N	1	6	11	67	<.3	22	10	325	2.76	4	<8	<2	5	9	<.2	<3	<3	42	.13	.104	12	26	.31	153	.08	<3	1.33	.01	.05	2
X2 1800N	<1	5	8	81	<.3	31	8	415	2.65	<2	<8	<2	5	10	<.2	<3	<3	41	.16	.082	11	29	.43	130	.08	<3	1.14	.01	.05	<2
X2 1750N	<1	4	8	91	<.3	27	8	635	2.45	2	<8	<2	4	9	<.2	<3	<3	38	.14	.078	9	26	.36	135	.09	<3	1.03	.01	.04	<2
X2 1700N	<1	8	8	71	<.3	39	10	756	2.86	2	<8	<2	6	13	<.2	<3	<3	43	.22	.087	14	30	.68	147	.08	<3	1.12	.01	.05	<2
X2 1650N	<1	5	7	97	<.3	32	9	735	2.47	3	<8	<2	5	14	<.2	<3	<3	37	.23	.081	13	27	.55	194	.07	<3	1.00	.01	.07	<2
X2 1600N	<1	5	7	30	<.3	26	8	188	2.05	4	<8	<2	5	21	<.2	<3	<3	27	.39	.066	19	24	.46	142	.07	<3	.82	.02	.03	<2
X2 1550N	<1	4	8	32	<.3	16	7	135	2.37	7	<8	<2	6	23	<.2	<3	<3	25	.46	.055	12	19	.39	178	.05	<3	.93	.01	.03	<2
X2 1500N	<1	3	<3	4	<.3	2	1	80	1.04	<2	<8	<2	<2	109	<.2	<3	<3	3	3.46	.067	<1	2	.16	337	.01	4	.18	.02	.01	<2
X2 1450N	<1	6	4	5	<.3	5	1	42	1.53	2	<8	<2	<2	117	.4	<3	<3	2	3.84	.085	<1	2	.24	140	<.01	5	.08	.01	.01	<2
X2 1400N	1	3	3	4	<.3	3	1	54	.50	<2	<8	<2	<2	133	<.2	<3	<3	4	4.11	.064	<1	2	.22	214	<.01	7	.07	.01	.01	<2
X2 1350N	1	6	7	41	<.3	28	8	152	3.12	<2	<8	<2	6	13	<.2	<3	<3	52	.18	.052	14	33	.48	64	.09	<3	1.04	.01	.05	<2
STANDARD C3	24	61	35	161	5.7	34	11	721	3.34	53	18	3	18	29	23.2	15	23	79	.56	.085	16	160	.61	148	.09	19	1.85	.04	.15	22

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



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
X2 1300N	1	3	9	94	<.3	21	8	806	2.68	<2	<8	<2	4	13	<.2	<3	<3	42	.18	.117	11	26	.33	148	.10	3	1.11	.01	.06	<2
X2 1250N	<1	3	8	134	<.3	20	8	739	2.28	<2	<8	<2	4	13	.2	<3	<3	34	.18	.135	9	23	.32	210	.09	3	1.05	.01	.05	<2
X2 1200N	1	2	7	61	<.3	10	6	411	1.95	<2	<8	<2	2	11	.2	<3	<3	31	.16	.071	9	18	.23	135	.08	4	.75	.01	.06	<2
X2 1150N	1	5	<3	96	<.3	32	10	647	2.81	2	<8	<2	4	16	<.2	<3	<3	42	.28	.127	12	30	.60	122	.09	<3	.97	.02	.07	<2
X2 1100N	<1	3	3	125	<.3	15	9	506	2.37	<2	<8	<2	3	13	<.2	<3	<3	37	.18	.134	10	25	.27	149	.10	<3	1.18	.01	.06	<2
X2 1050N	1	4	7	68	<.3	21	8	251	2.46	<2	<8	<2	3	11	<.2	<3	<3	41	.15	.070	10	30	.28	136	.10	<3	1.24	.01	.05	<2
X2 1000N	1	5	5	68	<.3	19	8	351	2.33	2	<8	<2	4	12	<.2	<3	<3	41	.14	.067	12	30	.34	159	.09	<3	1.36	.01	.04	<2
X2 950N	<1	5	10	45	<.3	20	7	245	2.28	3	<8	<2	4	12	<.2	<3	<3	39	.14	.060	11	28	.31	129	.09	<3	1.26	.01	.04	<2
X2 900N	1	5	12	54	<.3	23	8	356	2.39	<2	<8	<2	2	15	<.2	<3	<3	49	.31	.070	10	34	.39	297	.07	<3	1.28	.01	.05	<2
X2 850N	1	4	10	118	<.3	19	9	868	2.42	<2	<8	<2	2	13	<.2	<3	<3	47	.22	.057	10	32	.32	290	.08	3	1.31	.01	.05	<2
X2 750N	1	5	7	39	<.3	19	7	144	2.91	2	<8	<2	3	14	.2	<3	<3	53	.20	.037	12	30	.37	153	.10	<3	1.59	.01	.04	<2
X2 700N	<1	8	9	46	<.3	23	8	196	2.81	<2	<8	<2	3	16	<.2	<3	<3	50	.18	.045	14	34	.39	176	.10	<3	1.59	.01	.03	<2
X2 650N	1	6	8	34	<.3	17	7	149	2.64	<2	<8	<2	4	12	<.2	<3	<3	48	.15	.037	11	28	.33	132	.10	<3	1.37	.01	.03	<2
X2 600N	1	6	7	57	<.3	20	7	254	2.59	<2	<8	<2	3	15	<.2	<3	<3	47	.24	.160	12	31	.33	175	.09	<3	1.64	.01	.05	<2
X2 550N	1	4	10	102	<.3	21	9	1387	2.51	<2	<8	<2	4	13	.2	<3	<3	49	.24	.070	12	30	.29	372	.10	3	1.48	.01	.05	<2
X2 500N	<1	7	10	49	<.3	23	8	230	2.43	4	<8	<2	3	17	<.2	<3	<3	43	.23	.057	11	33	.38	170	.09	<3	1.42	.01	.03	<2
RE X2 500N	<1	8	5	48	<.3	21	8	226	2.40	3	<8	<2	3	16	<.2	<3	<3	43	.22	.056	11	33	.37	170	.09	<3	1.42	.01	.04	<2
X2 450N	1	5	9	74	<.3	24	9	331	2.73	<2	<8	<2	3	15	<.2	<3	<3	49	.23	.058	12	35	.35	281	.10	<3	1.70	.01	.05	<2
X2 400N	1	5	6	51	<.3	20	5	150	1.50	2	<8	<2	2	36	<.2	<3	<3	35	1.10	.089	10	41	.68	289	.09	4	1.07	.02	.04	<2
X2 350N	8	3	3	2	<.3	3	<1	8	.43	<2	<8	<2	<2	77	<.2	<3	<3	2	2.88	.059	<1	1	.15	261	<.01	7	.06	.01	.01	<2
X2 300N	<1	6	8	72	<.3	20	8	684	2.40	3	<8	<2	3	14	<.2	<3	<3	43	.18	.079	12	28	.33	228	.09	<3	1.35	.01	.03	<2
X2 250N	1	3	10	76	<.3	19	8	1037	2.57	<2	<8	<2	3	14	.2	<3	<3	51	.26	.057	12	32	.30	286	.10	<3	1.32	.01	.04	<2
X2 200N	<1	4	8	93	<.3	23	8	875	2.61	<2	<8	<2	3	13	.2	<3	<3	48	.21	.088	12	31	.31	304	.10	<3	1.54	.01	.06	<2
X2 150N	<1	3	10	31	<.3	11	4	158	1.86	2	<8	<2	2	11	<.2	<3	<3	36	.14	.074	10	20	.22	159	.07	<3	1.08	.01	.02	<2
X2 100N	1	6	14	71	<.3	21	7	221	2.41	<2	<8	<2	3	17	<.2	<3	<3	46	.25	.087	12	29	.37	202	.08	<3	1.51	.01	.05	<2
X2 50N	<1	6	3	34	<.3	23	8	263	2.26	2	<8	<2	3	22	<.2	<3	<3	35	.37	.043	12	28	.37	281	.08	<3	1.31	.02	.04	<2
X2 0N	1	7	11	54	1.2	17	7	327	2.31	<2	<8	<2	3	15	.4	<3	<3	40	.21	.138	13	25	.31	228	.09	<3	1.20	.01	.04	<2
X3 2700N	<1	8	8	43	<.3	29	9	260	2.58	5	<8	<2	6	15	<.2	<3	<3	35	.23	.074	17	27	.50	131	.07	<3	1.03	.01	.06	<2
X3 2650N	<1	8	<3	39	<.3	29	8	175	2.37	2	<8	<2	6	14	<.2	<3	<3	31	.22	.051	16	25	.56	109	.06	<3	.97	.01	.05	<2
X3 2600N	<1	9	5	72	<.3	36	10	428	2.73	3	<8	<2	6	13	<.2	<3	<3	41	.18	.075	17	33	.58	194	.09	<3	1.35	.01	.05	<2
X3 2550N	<1	6	12	116	<.3	32	9	321	2.76	<2	<8	<2	5	11	<.2	<3	<3	42	.16	.114	15	32	.40	214	.08	<3	1.66	.01	.05	<2
X3 2500N	<1	5	3	71	<.3	28	8	380	2.41	<2	<8	<2	5	11	<.2	<3	<3	35	.18	.078	16	24	.44	133	.07	<3	1.12	.01	.05	<2
X3 2450N	<1	5	6	96	<.3	22	8	494	2.33	<2	<8	<2	5	10	<.2	<3	<3	36	.14	.077	15	24	.36	202	.08	3	1.26	.01	.04	<2
X3 2400N	<1	6	8	83	<.3	26	8	586	2.60	<2	<8	<2	6	10	<.2	<3	<3	40	.17	.139	13	30	.35	189	.08	<3	1.44	.01	.05	<2
X3 2350N	1	5	8	66	<.3	23	7	210	2.53	3	<8	<2	5	9	<.2	<3	<3	38	.13	.073	14	27	.32	153	.07	3	1.26	.01	.05	<2
STANDARD C3	25	62	35	166	5.5	34	12	754	3.52	56	20	3	17	31	24.3	15	23	82	.60	.085	18	170	.67	150	.10	18	1.99	.04	.17	18

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



ACME ANALYTICAL



ACME ANALYTICAL

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
X3 2300N	<1	6	9	44	<.3	24	7	257	2.31	3	<8	<2	6	10	<.2	<3	<3	34	.13	.063	15	27	.34	183	.08	4	1.11	.01	.04	<2
X3 2250N	<1	4	5	79	<.3	22	6	599	2.23	<2	<8	<2	10	10	<.2	<3	<3	33	.16	.067	15	23	.35	131	.06	3	.97	.01	.04	<2
X3 2200N	<1	8	<3	71	<.3	33	9	370	2.72	4	<8	<2	7	12	<.2	<3	<3	39	.22	.097	18	30	.59	131	.06	3	1.12	.01	.05	<2
X3 2150N	<1	7	6	112	<.3	28	7	459	2.43	3	<8	<2	7	12	<.2	<3	<3	33	.21	.119	17	25	.46	168	.06	4	1.05	.01	.05	<2
X3 2100N	1	9	10	96	<.3	33	9	345	2.91	4	<8	<2	9	12	<.2	<3	<3	43	.21	.116	21	34	.56	169	.07	<3	1.31	.01	.05	2
X3 2050N	<1	9	3	54	<.3	33	9	243	2.77	3	<8	<2	7	12	<.2	<3	<3	41	.19	.080	17	33	.49	159	.08	<3	1.32	.01	.04	<2
X3 2000N	1	7	8	126	<.3	30	9	468	3.04	4	<8	<2	6	11	<.2	<3	<3	44	.16	.099	18	32	.53	186	.09	3	1.46	.01	.06	<2
X3 1950N	<1	3	4	51	<.3	9	5	367	1.81	<2	<8	<2	3	7	<.2	<3	<3	30	.09	.050	10	15	.18	91	.06	<3	.80	.01	.03	<2
X3 1900N	1	4	6	86	<.3	17	7	391	2.19	2	<8	<2	5	10	<.2	<3	<3	32	.15	.102	13	22	.34	147	.06	3	1.00	.01	.04	<2
X3 1850N	<1	6	11	114	<.3	28	8	1145	2.67	2	<8	<2	4	13	.2	<3	<3	39	.19	.104	14	27	.45	222	.08	<3	1.43	.01	.05	<2
X3 1800N	<1	5	9	86	<.3	33	8	327	2.98	2	<8	<2	8	11	<.2	<3	<3	45	.20	.089	21	33	.51	133	.07	3	1.24	.01	.05	2
X3 1750N	1	9	10	73	<.3	41	11	361	3.50	4	<8	<2	9	14	<.2	<3	<3	52	.26	.123	25	41	.69	147	.07	3	1.35	.01	.06	<2
X3 1700N	1	2	7	73	<.3	10	7	242	2.02	2	<8	<2	3	11	<.2	<3	<3	35	.14	.070	14	21	.25	155	.07	<3	.99	.01	.04	<2
RE X3 1700N	<1	2	7	74	<.3	10	7	256	1.97	<2	<8	<2	4	11	<.2	<3	<3	33	.14	.069	13	20	.25	158	.07	<3	.99	.01	.04	<2
X3 1650N	<1	8	10	158	<.3	33	10	558	3.01	3	<8	<2	6	14	.2	<3	<3	45	.20	.136	16	32	.60	220	.09	3	1.73	.01	.06	<2
X3 1600N	<1	6	10	133	<.3	31	10	609	2.96	4	<8	<2	6	13	<.2	<3	<3	45	.19	.104	16	32	.49	237	.11	<3	1.63	.01	.04	<2
X3 1550N	<1	9	7	86	<.3	34	10	361	2.90	2	<8	<2	5	14	<.2	<3	<3	45	.21	.100	15	32	.61	155	.11	<3	1.46	.01	.05	<2
X3 1500N	1	10	6	78	<.3	41	12	348	3.45	4	<8	<2	7	14	<.2	<3	<3	55	.19	.112	16	40	.69	135	.14	<3	1.72	.01	.05	<2
X3 1450N	<1	6	10	130	<.3	28	10	1273	3.01	<2	<8	<2	4	15	.2	<3	<3	48	.22	.114	14	33	.56	213	.09	3	1.40	.01	.06	<2
X3 1400N	1	13	8	108	<.3	45	13	542	3.78	4	<8	<2	7	15	.2	<3	<3	62	.22	.139	17	43	.88	186	.11	<3	1.95	.01	.06	2
X3 1350N	<1	7	7	93	<.3	31	11	565	3.60	3	<8	<2	6	14	<.2	<3	<3	58	.19	.134	15	36	.63	164	.10	<3	1.58	.01	.06	<2
X3 1300N	<1	5	9	60	<.3	18	5	186	1.73	<2	<8	<2	2	35	<.2	<3	<3	27	.78	.052	15	24	.48	130	.08	3	.98	.02	.05	<2
X3 1250N	1	3	<3	6	<.3	2	1	62	1.05	<2	<8	<2	<2	91	<.2	<3	<3	4	2.84	.080	1	1	.18	226	.01	3	.25	.02	.01	<2
X3 1200N	<1	11	9	79	<.3	54	15	473	4.29	5	<8	<2	8	17	<.2	<3	<3	74	.31	.124	21	51	1.03	142	.11	<3	1.56	.01	.05	<2
X3 1150N	<1	3	3	60	<.3	15	4	149	1.24	<2	<8	<2	3	27	<.2	<3	<3	19	.59	.062	13	23	.38	173	.09	<3	1.09	.02	.04	<2
X3 1100N	<1	11	9	74	<.3	34	10	208	2.82	6	<8	<2	5	15	<.2	<3	<3	44	.21	.098	15	34	.52	143	.10	<3	1.55	.01	.04	<2
X3 1050N	<1	8	11	48	<.3	30	9	175	2.64	5	<8	<2	8	19	<.2	<3	<3	43	.30	.093	24	32	.49	132	.12	<3	1.22	.02	.04	<2
X3 1000N	<1	5	5	103	<.3	25	8	288	2.65	2	<8	<2	5	14	<.2	<3	<3	40	.22	.111	11	26	.45	137	.08	<3	1.27	.01	.05	<2
X3 950N	<1	13	<3	52	<.3	52	15	312	3.92	6	<8	<2	15	17	<.2	<3	<3	62	.33	.109	21	47	1.11	114	.11	<3	1.20	.02	.05	2
X3 900N	1	7	5	43	<.3	30	11	243	2.85	4	<8	<2	4	14	<.2	<3	<3	44	.22	.092	14	32	.48	143	.09	<3	1.52	.01	.02	<2
X3 850N	<1	6	<3	33	<.3	17	7	171	2.40	4	<8	<2	4	13	<.2	<3	<3	39	.14	.021	10	28	.34	112	.10	<3	1.24	.01	.03	<2
X3 800N	1	5	6	51	<.3	19	8	200	2.61	3	<8	<2	3	12	<.2	<3	<3	47	.18	.069	12	30	.34	154	.09	<3	1.40	.01	.04	<2
X3 750N	1	7	8	63	<.3	32	12	238	3.08	3	<8	<2	4	15	<.2	<3	<3	52	.23	.131	13	34	.48	197	.10	<3	1.69	.01	.06	<2
X3 700N	<1	7	3	52	<.3	23	9	207	2.72	3	<8	<2	4	15	<.2	<3	<3	48	.21	.100	12	31	.33	180	.09	<3	1.63	.01	.03	<2
X3 650N	1	6	9	66	<.3	25	9	237	3.28	<2	<8	<2	3	13	<.2	<3	<3	59	.20	.059	13	38	.42	225	.12	<3	1.83	.01	.04	<2
STANDARD C3	25	62	34	161	5.5	34	11	736	3.49	55	20	2	17	31	23.5	15	21	80	.59	.084	18	163	.66	150	.10	20	1.97	.04	.16	18

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



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
X3 600N	1	9	6	48	<.3	25	8	188	2.76	4	<8	<2	5	9	<.2	<3	<3	46	.13	.118	12	35	.38	173	.09	<3	1.46	.01	.03	<2
X3 550N	1	4	4	38	<.3	13	6	338	1.98	4	<8	<2	3	10	<.2	<3	<3	37	.15	.055	12	23	.25	154	.06	<3	.93	.01	.03	<2
X3 500N	1	7	10	58	<.3	23	8	266	2.74	<2	<8	<2	3	14	<.2	<3	<3	48	.20	.111	12	34	.35	241	.09	<3	1.49	.01	.04	<2
X3 450N	1	10	9	60	<.3	38	11	579	3.14	3	<8	<2	5	14	<.2	<3	<3	54	.24	.123	13	48	.50	262	.09	<3	1.57	.01	.05	<2
X3 400N	1	9	12	40	<.3	32	9	277	2.85	5	<8	<2	5	13	.2	<3	<3	48	.22	.079	12	43	.41	247	.09	<3	1.56	.01	.05	<2
X3 350N	<1	5	10	60	<.3	24	8	673	2.41	<2	<8	<2	3	11	<.2	<3	<3	43	.20	.091	10	33	.39	286	.07	<3	1.21	.01	.03	<2
X3 300N	1	6	6	87	<.3	33	9	748	2.80	<2	<8	<2	3	14	.2	<3	<3	48	.25	.112	10	35	.41	322	.10	<3	1.62	.01	.05	<2
X3 250N	<1	11	4	41	<.3	30	10	298	2.70	3	<8	<2	5	19	<.2	<3	<3	44	.25	.079	13	36	.53	219	.11	<3	1.38	.02	.04	<2
RE X3 250N	1	11	<3	41	<.3	30	10	299	2.71	4	<8	<2	5	19	<.2	<3	<3	44	.25	.079	14	36	.54	220	.11	<3	1.38	.02	.04	<2
X3 200N	1	8	7	45	<.3	27	9	193	2.86	4	<8	<2	4	14	<.2	<3	<3	50	.21	.049	14	36	.39	273	.09	<3	1.60	.01	.04	<2
X3 150N	1	9	6	55	<.3	32	9	358	2.81	2	<8	<2	4	14	<.2	<3	<3	47	.21	.095	12	36	.47	267	.08	<3	1.59	.01	.04	<2
X3 100N	1	9	7	60	<.3	36	11	265	3.32	<2	<8	<2	6	13	<.2	<3	<3	54	.19	.107	15	40	.55	249	.11	<3	1.95	.01	.05	<2
X3 50N	1	5	6	78	<.3	24	8	655	2.61	<2	<8	<2	3	12	<.2	<3	<3	45	.22	.095	11	31	.40	273	.09	<3	1.39	.01	.05	<2
X3 0N	<1	7	7	46	<.3	25	9	370	2.51	<2	<8	<2	4	15	<.2	<3	<3	41	.23	.080	11	33	.39	232	.08	<3	1.45	.01	.05	<2
STANDARD C3	24	59	31	155	5.5	33	12	720	3.40	54	20	3	16	28	23.8	13	21	75	.57	.083	16	150	.64	145	.09	18	1.86	.04	.16	22

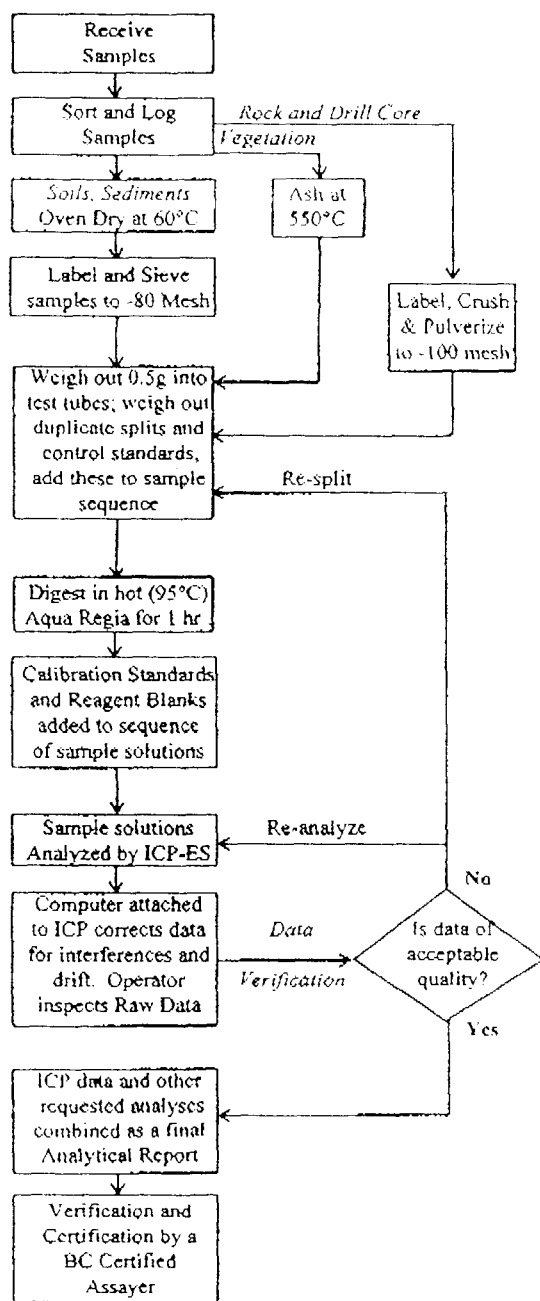
Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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**METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE
GROUP 1D - 30 ELEMENT ICP BY AQUA REGIA****Analytical Process****Comments****Sample Preparation**

Soils and sediments are dried (60°C) and sieved to -80 mesh (-177 microns), rocks and drill core are crushed and pulverized to -100 mesh (-150 microns). Plant samples are dried (60°C) and pulverized or dry ashed (550°C). Moss-mat samples are dried (60°C), pounded to loosen trapped sediment then sieved to -80 mesh. At the clients request, moss mats can be ashed at 550°C then sieved to -80 mesh although this can result in the potential loss by volatilization of Hg, As, Sb, Bi and Cr. A 0.5 g split from each sample is placed in a test tube. A duplicate split is taken from 1 sample in each batch of 34 samples for monitoring precision. A sample standard is added to each batch of samples to monitor accuracy.

Sample Digestion

Aqua Regia is a 3:1:2 mixture of ACS grade conc. HCl, conc. HNO₃ and demineralized H₂O. Aqua Regia is added to each sample and to the empty reagent blank test tube in each batch of samples. Sample solutions are heated for 1 hr in a boiling hot water bath (95°C).

Sample Analysis

Sample solutions are aspirated into and ICP emission spectrograph (Jarrel Ash AtomComp model 800 or 975) for the determination of 30 elements comprising: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Data Evaluation

Raw and final data from the ICP-ES undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.