Geological and Geochemical Report on the Isk-Bell Claim Block Liard Mining Division British Columbia

N.T.S. 104 B/15E

Longitude 130°36' West
Latitude 56°50' North

For

Ivana Capital Corporation
Ecstall Mining Corp.
Omega Gold Corp.

November, 1990

Len P. Gal, M.Sc.

.c:32099

SUMMARY

The Isk - Bell claim block is located in the Liard Mining Division just north of the confluence of the Iskut River and Forrest Kerr Creek, on NTS map sheet 104 B/15E at latitude 130°36' West and longitude 56°50' North. The property is 20.5 kilometers north of the Eskay Creek gold discovery of Stikine Resources and Calpine Resources.

The Isk - Bell claim block consists of 76 units and is presently held by Ecstall Mining Corporation (50%), Omega Mining Corporation (50%) and Ivana Capital Corporation who presently hold an option on the property. The property was staked in 1988 and 1990 to cover favourable Lower to Middle Jurassic Hazleton Group and Upper Triassic Stuhini Group volcanic rocks of the Stikine Arch, mappped by the Geological Survey of Canada and the British Columbia Ministry of Energy, Mines and Petroleum Resources during reconnaissance programs in 1988 and 1989.

In 1989, a brief reconnaissance sampling program was carried out by Nicholson and Associates. In 1990, a mapping and thorough geochemical survey program on the Isk-Bell claim block was completed. Snow cover late in the season prevented a modest follow up program of detailed mapping and anomaly investigation.

Assay results on the whole have not been encouraging, and prospecting has failed to delineate any new zones of interest or mineralized gossans. It is recommended that no further ground work be done on the Isk - Bell property at this time. However, an aerial magnetic survey may be of use in delineating mineralized zones that could possibly be buried at a shallow depth and therefore do not crop out at the surface.

A total of $41,467 was expended on the property during the 1990 season.

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INTRODUCTION

The Isk - Bell claim block is in the Liard Mining Division and consists of 76 units. The original Isk 1-4 group was examined on a reconnaissance scale by crews of Nicholson and Associates in 1989. In 1990, a full program of stream sediment sampling, prospecting, and geological mapping was carried out by crews of International Kodiak Resources.

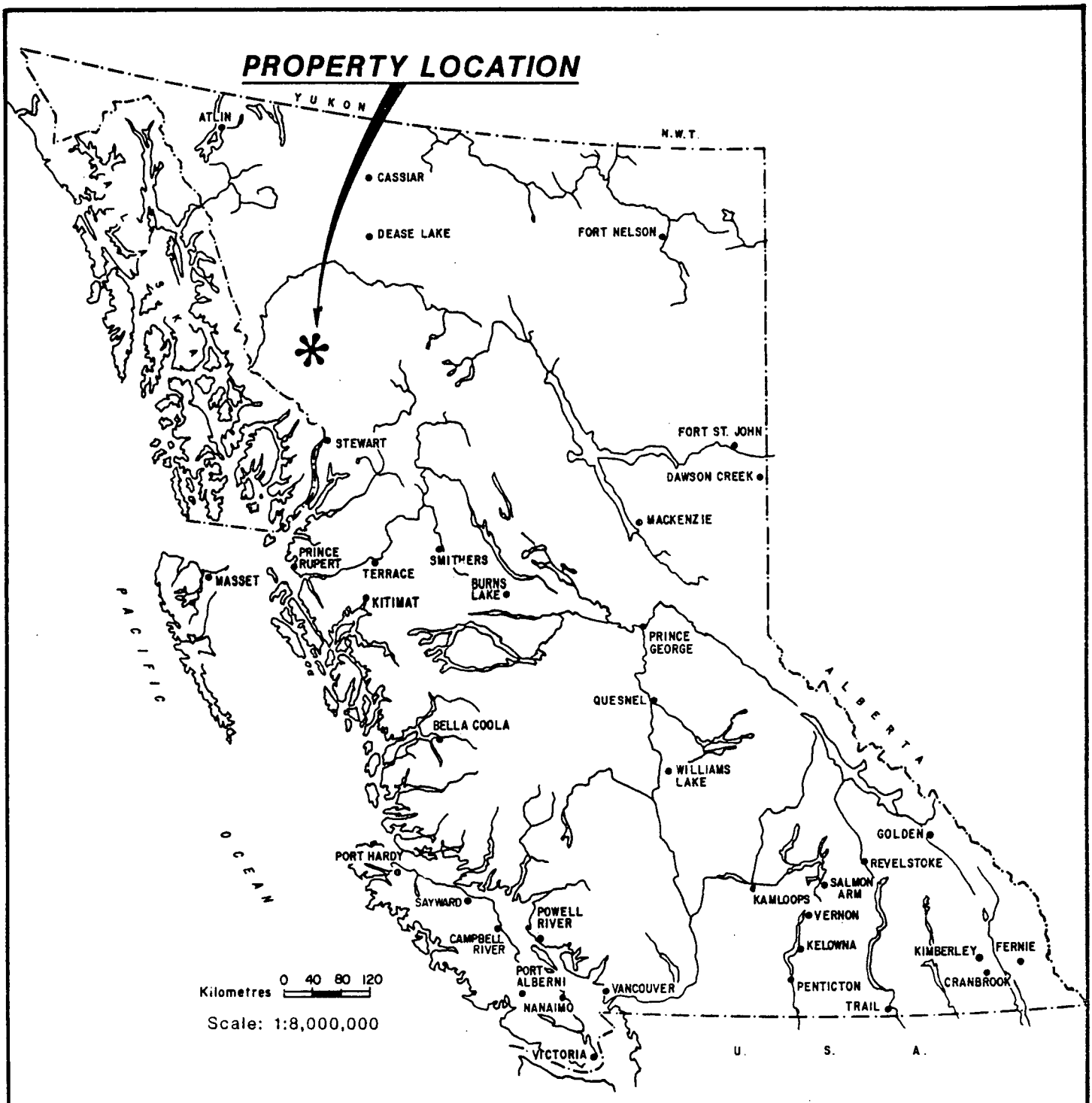
The Isk - Bell property was staked to cover favourable Jurassic volcanic rocks. The stratigraphic features of the property are similar to those at the Eskay Creek property although the Eskay Creek deposit is interpreted to be hosted at a slightly deeper stratigraphic level of the same rock units. Based on the interpretation of a favourable geologic setting, Ivana Capital Corporation entered into an option agreement with Ecstall Mining Corp. and Omega Gold Corp.

A total of 117 stream samples (silts and mosses) and 70 rock samples were taken from the property and geochemically analysed. No precious metal anomalies were found in any sample, although some samples reached 4ppm in silver. Base metal anomalies were restricted to weak to moderate zinc anomalies in some of the streams draining the property although the source of mineralization was not apparent.

LOCATION AND ACCESS

The Isk - Bell claim block is situated at latitude 130°36' West and longitude 56°50' North within the Liard Mining Division (see Figure 1). The property is adjacent to the Iskut River, north and east of Forrest Kerr Creek, and just 20.5 kilometers north of Calpine Resources'-Stikine Resources' Eskay Creek gold property.

Access to the property is from the Kodiak Camp just east of the Iskut River, directly east of the property. Initial construction has begun on an access road from Bob Quinn Lake on Highway 37 into the Iskut - Unuk River area, and will pass within 100m of the Kodiak Camp, and approximately two kilometers east of the Isk - Bell claim block, across the Iskut River.



OMEGA GOLD CORPORATION
ECSTALL MINING CORPORATION

ISK BELL CLAIM BLOCK

LIARD MINING DIVISION, B. C.

LOCATION MAP

NICHOLSON & ASSOCIATES

Drawn: Geodrafting	Date: March, 1990	FIGURE
Scale: 1:8,000,000	N.T.S. 104B / 10	1

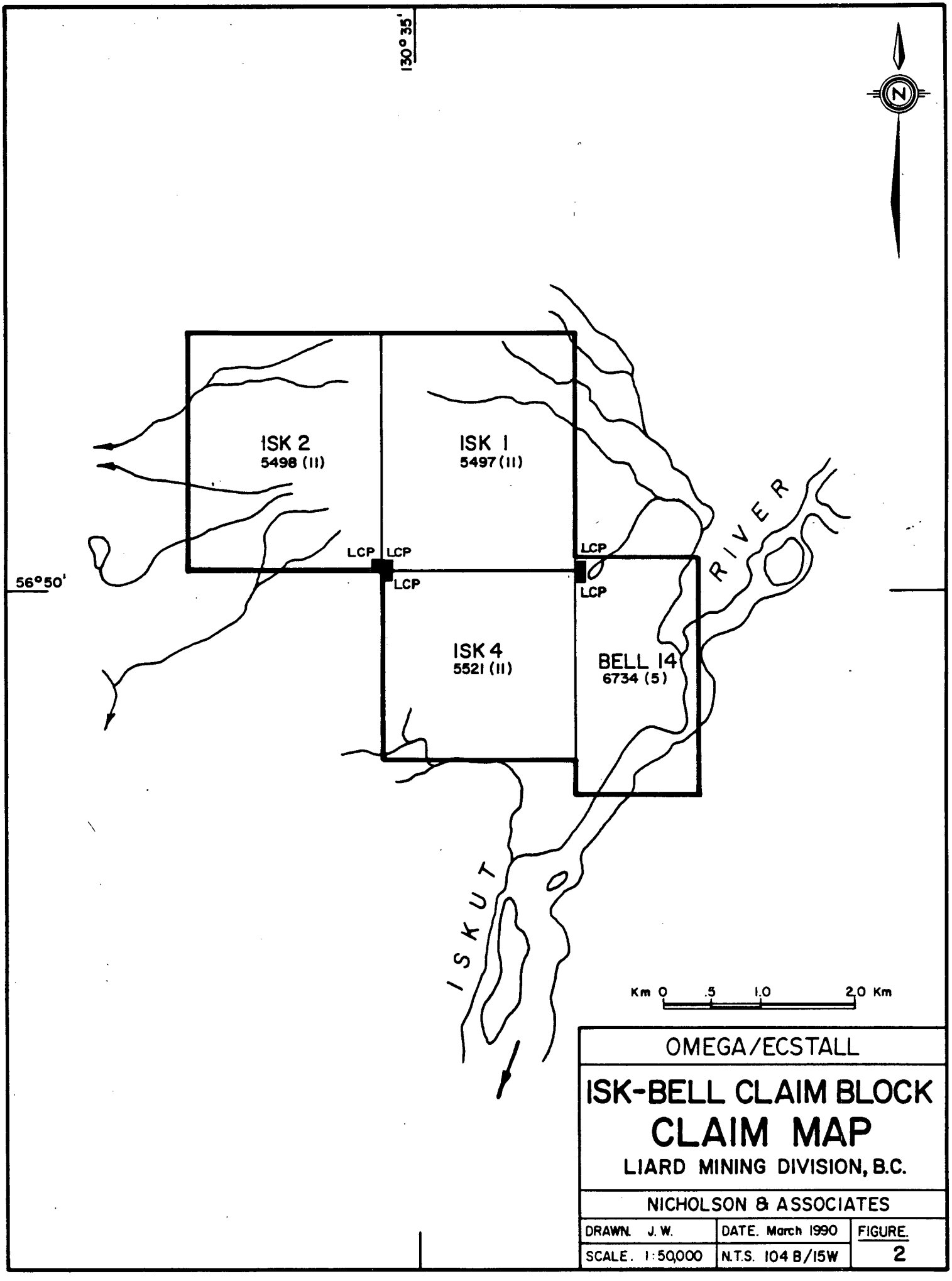
CLAIM STATUS

The Isk - Bell property consists of Isk 1, 2 and 4 claim blocks which were staked in November of 1988 for Chris Graf, and Bell 14 which was staked in February 1990. The Bell 14 claim was overstaked in July 1990. All claims were staked in accordance with the new modified grid system. The Isk - Bell property was later transferred to Ecstall Mining Corporation and Omega Gold Corporation, which hold the property on a 50-50 basis. The property was optioned to the Ivana Capital Corporation, which is earning a 50% interest in the property. A claim map is presented on figure 2.

The pertinent claim information is summarized below.

Claim	Units	Record #	Mining Division	Expiry Date*
Isk 1	20	5497	Liard	Nov.14/93*
Isk 2	20	5498	Liard	Nov.14/93*
Isk 4	16	5521	Liard	Nov.14/93*
Bell 14	20	6734	Liard	Feb.18/93*

* After filing the 1990 work for assessment purposes.


130°35'
N
ISK 2
5498 (11)
ISK 1
5497 (11)
LCP
LCP
LCP
LCP
LCP
56°50'
ISK 4
5521 (11)
BELL 14
6734 (5)
RIVER
ISKUT
Km 0 .5 1.0 2.0 Km
OMEGA/ECSTALL
ISK-BELL CLAIM BLOCK
CLAIM MAP
LIARD MINING DIVISION, B.C.
NICHOLSON & ASSOCIATES
DRAWN. J. W.
DATE. March 1990
FIGURE. 2
SCALE. 1:50,000
N.T.S. 104 B/15W

PHYSIOGRAPHY AND CLIMATE

The Isk - Bell claim block is situated in the Boundary Ranges of the Coast Mountains. The property's elevation varies from 302m (990 ft.) along the Iskut River to 1920m (6300 ft.). The valley walls above the Iskut River and Forrest Kerr Creek are very steep and heavily forested with stands of cedar, fir and hemlock. Slide alders and devils club make up much of the undergrowth, especially along gullies. Stream drainages are generally immature and contain only moderate amounts of detritus. Water is plentiful in the form of creeks, small ponds and groundwater seeps.

The timberline stands at approximately 1370m (4500 ft.), above which rock exposures are very good. Alpine vegetation consists of scrub spruce and willow, heather, and lichens. Icefields occur along the northernmost edge of the property.

Climatically, the Isk-Bell property is under the influence of coastal weather patterns. The summer weather varies from warm days to cool, wet conditions. Up to 12m of snow can accumulate during the winter months. Normally, the property is workable from June until late September.

HISTORY

The Iskut River area has, for the most part, seen sporadic mineral exploration activity until very recently. The first documented mineral discoveries occurred around the turn of the century. Mineralization was discovered along the Iskut and Unuk Rivers, and in close proximity to the town of Stewart. Prior to World War II, small precious metal mines operated intermittently. The largest of these was the Silbak - Premier Mine which produced 41 million ounces of silver and 1.8 million ounces of gold between 1920 and 1985. After World War II, exploration was focused on large tonnage base metal deposits. Although several deposits were defined, only the Granduc Mine reached commercial production, with published reserves of 10.9 million tons grading 1.79% copper. Exploration in the 1970's shifted toward precious metals, and several deposits have since been discovered; including the Reg (Johnny Mountain Mine) of Skyline Gold Corp., with 740,000 tons grading 0.52 ounces/ton gold, 0.67 ounces/ton silver, Cominco/Prime's Snip deposit, with over 1 million tons of 0.875 ounces/ton gold, and the Eskay Creek deposit (Calpine/Stikine) with probable reserves of 4.36 million tons grading 0.77 ounces /ton gold, 29.12 ounces/ton silver, with a cut-off grade of 0.10 ounces/ton gold (Northern Miner, 6 Oct.90). Several companies are presently exploring for base and precious metal deposits, and some are in the feasibility and pre-feasibility stages of production, i.e., the Sulphurets deposit (Newhawk/Granduc) with 715,000 tons of 0.431 ounces/ton gold, 19.7 ounces/ton silver, and the SB deposit (Tenajon) with 308,000 tons grading 0.51 ounces/ton gold.

A review of government files indicated that no work previous to 1988

had been undertaken on the claims or in the immediate area. The British Columbia Ministry of Energy, Mines and Petroleum Resources took some stream silt samples from the Isk Bell property in 1988 as part of their geochemical reconnaissance program. In 1989, the GSC and BCMEMPR undertook a regional mapping program which covered the Isk - Bell claim block at a reconnaissance scale. Crews of Nicholson and Associates also mapped the property and took several samples in 1989.

During the 1990 season, field crews of International Kodiak Resources completed a thorough mapping and geochemical survey program on the Isk - Bell property. A total of 187 rock, silt, moss and soil samples were collected for geochemical analysis, a geological map was prepared, and the property was thoroughly prospected.

REGIONAL GEOLOGY

The Isk-Bell property is located near the boundary between the Intermontane Belt and the Coast Plutonic Complex. It is underlain by the Stikine Terrane, a mid-Paleozoic to Mesozoic island arc succession. Mesozoic rocks are represented by volcanic rocks of the Triassic Stuhini Group, and the volcanic and subordinate sedimentary lithologies of the Lower to Middle Jurassic Hazleton Group. This dominantly volcanic package is overlain by, and interfingers with successor basin clastics of the Bowser Basin (Figure 3).

An eastern facies and a western facies have been identified in the Upper Triassic Stuhini Group. The western facies can be traced from the Stikine River eastward at least to Snippaker Mountain. It is characterized by corraline limestone and polymict cobble conglomerate, overlain by breccia, felsic tuff, shale and micrite. Laminated mafic and felsic tuff with coarse pyroxene phenocrysts are present near the top. The eastern facies lacks the thick limestone and felsic tuff units. Orange and black weathering,thin bedded siltstone and fine grained, feldspathic, locally calcareous greywacke distinguish this facies. Polymict pebble conglomerate and shale are subordinate. Intermediate to mafic volcanics, breccias and conglomerates are typical.

A gradational contact between the Stuhini Group and the Hazelton Group has been mapped near the headwaters of the Unuk River (Anderson and Thorkelson, 1990). Siltstone above the orange and black weathering siltstones and shales becomes increasingly siliceous, and greywackes and conglomerates grow more abundant. This clast - supported conglomerate is present as discontinuous lenses and consists of porphyritic andesite and

dacite clasts. The uppermost strata in this transitional zone consist of laminated siliceous siltstone, fine grained greywacke, minor coarser grained greywacke and matrix to clast supported conglomerate.

Mineralization at the Snip deposit is hosted within the Stuhini Group and is believed to have occurred during the Upper Triassic. Several other deposits have been found in the Stuhini Group; including the Kerr, the Doc, the Inel and the Stonehouse (see Figure 4).

The Hazelton Group has been divided into three heterogeneous formations: the Lower Jurassic Unuk River Formation and Betty Creek Formation, and the Lower to Middle Jurassic Salmon River Formation. In addition, a regional marker unit, the Mt. Dilworth formation, has been identified regionally between the Betty Creek and Salmon River Formations, and has come to gain informal status as a formation. Some workers (e.g., Grove, 1986) have identified a fourth and uppermost formation in the Hazelton Group, the Nass Formation. However, this package of rocks includes Bowser Basin rocks and should not be included in the Hazleton Group, which encompasses the Stikine Arch (Anderson and Thorkelson, 1990).

The volcanic sequences of the Unuk River Formation are characterized by basal pyroclastic flows that are progressively overlain by tuffs, argillites, local andesitic breccia, and finally conglomerates with interbedded tuffs, wackes and siltstones.

The Betty Creek Formation unconformably overlies the Unuk River Formation is comprised of maroon to green volcanic siltstone, greywacke, conglomerate, breccia, basaltic pillow lavas and andesitic flows. the conglomerate/breccia unit consists of matrix supported pebble to boulder

sized clasts of aphanitic to porphyritic andesite.

Overlying these rocks is the Mt. Dilworth formation (Britton et al 1989; Anderson and Thorkelson, 1990), a regional marker unit consisting of tuff breccia, felsic tuff and dust tuff. These tuffs range from unwelded to welded, and aphyric to sparsely phyric.

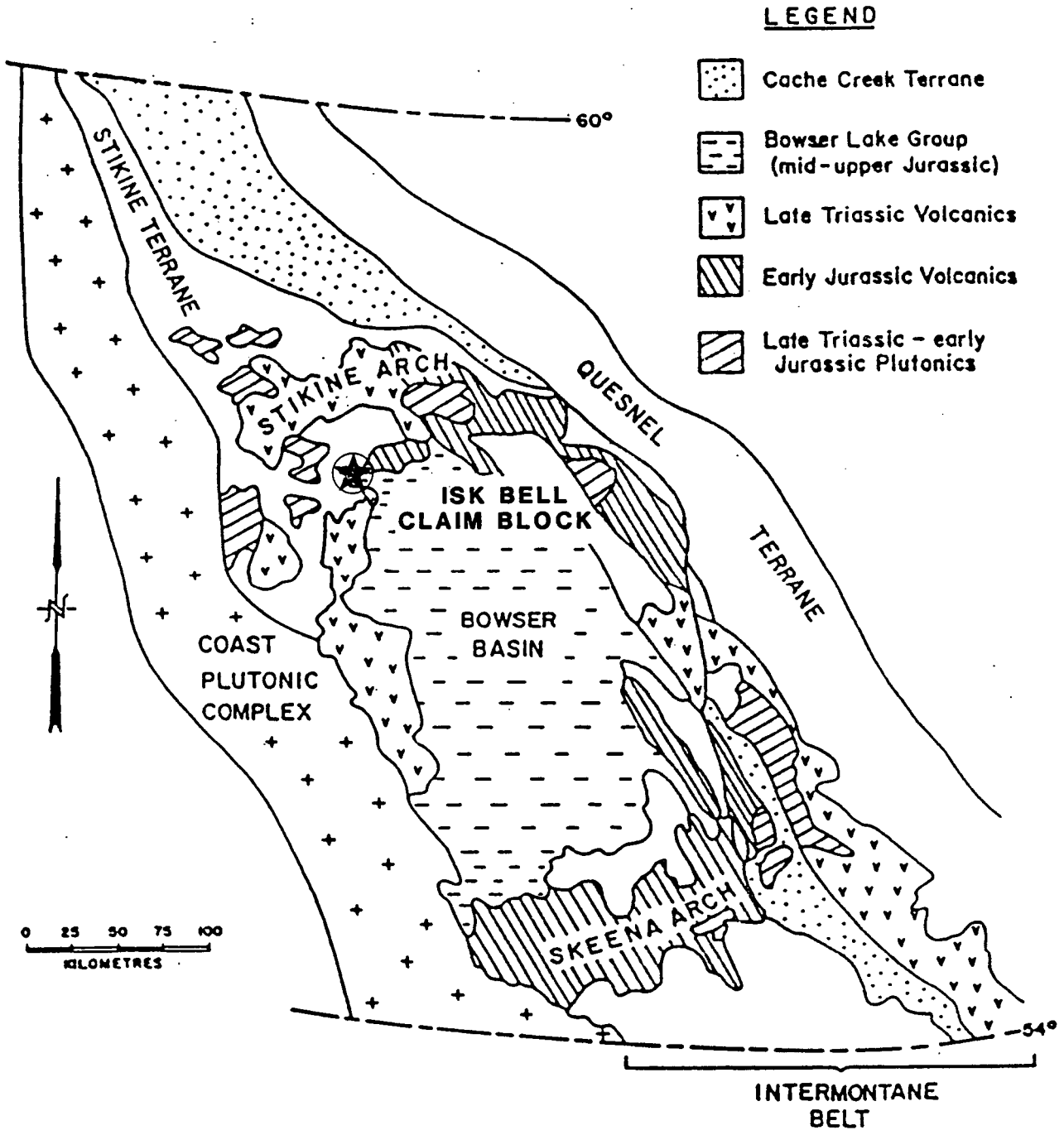
The lower member of the Salmon River Formation ranges along strike from a limy argillite to limy greywacke to a sandy limestone. In most localities it is too thin to map, but it thickens in towards the north and northwest to at least 1500m of siltstones, greywackes and rare fossiliferous limestones south of Telegraph Creek.

The upper member of the Salmon River Formation is made up of three distinct facies from east to west: the Snippaker Mountain facies, the Eskay Creek facies, and the Troy Ridge facies. The gold deposit presently being defined at Eskay Creek is stratabound in Eskay Creek facies rocks. This medial facies extends 50-60 kilometers north and south along strike from the deposit. The Eskay Creek facies comprises aphyric to augite phyric pillow basalts with interfingered siltstone, tuffaceous wacke and conglomerate. To the west, the Snippaker Mountain facies consists mainly of volcanic breccia. The eastern Troy Ridge facies comprises shales with interbedded tuffs and breccias (Anderson and Thorkelson, 1990; see Figure 4).

At the end of the Middle Jurassic, the volcanic complex was uplifted to produce the Stikine Arch, which shed detritus into the adjacent Bowser Basin. These sediments form the Middle and Late Jurassic Bowser Lake Group sediments.

The volcanic and sedimentary rocks were subsequently intruded by

granitoid intrusions associated with the Coast Plutonic Complex. Intrusive activity is interpreted to have occurred from the Middle Cretaceous to the Early Tertiary. Late stage (Quaternary) basaltic volcanism resulted in widespread deposits of columnar basalt flows, ash and tephra, and scattered cinder cones. Much of these rocks were buried and/or eroded through glacial activity during the Pleistocene.



REGIONAL GEOLOGY
BOWSER BASIN
NW BRITISH COLUMBIA

(Outline of terrane boundaries and major rock groups of the Jurassic and Triassic – modified from Thomson, 1985).

FIG. 3

LOCAL GEOLOGY

The Isk-Bell property is underlain by sediments of the Middle to Upper Jurassic Bowser Lake Group, and volcanics of the Lower to Middle Jurassic Salmon River Formation of the Hazelton Group. North and northeast of the property, the Forrest Bend Fault juxtaposes Lower Permian sediments and volcanics and the Salmon River Formation (GSC Open File 2094, Brown et al., 1989). A large northwest trending anticline in the pillow basalts, named the Pillow Ridge Anticline, has been mapped by the GSC and BCMEMPR, based on the reversal of dips of pillow basalt flows (Brown et al 1989). However, this anticline could be simply a change in the dips of successive basalt flows separated by an unconformity. This alternative is favoured, as no evidence for large - scale warping in the homogenous pillow basalt sequence was observed on the Isk-Bell property. Aside from these structures, large scale geological features are lacking, or not recognizable, because the thick sequence of pillow basalts in the Salmon River Formation lacks marker horizons from which folds and/or fault displacements might be ascertained.

Rocks on the property are cut by a series of small, northwest trending faults of limited displacement. These faults are brittle features, generally marked by veining with some brecciation, or more rarely, thin gouge or crush zones. Abundant small shears with quartz and carbonate veins are present, particularly within the basalts. Shear textures are evident within the veins and sometimes in the enveloping rock. It is likely that many of these shear zones were reactivated under brittle stress. The shears trend both northwest and northeast, and may constitute a conjugate set. Ubiquitous fractures and joints with no

consistent orientation offset shears and veins.

One medium sized fold (3m amplitude), was recognized within a sediment band in the Salmon River Formation in the southwest part of the Isk 1 claim block. A resistant conglomerate is folded into an overturned, parallel isoclinal fold with a shallowly northwest dipping axial plane. The axis of the fold, plunging slightly to moderately southwest, is traceable over several hundred meters.

Smaller minor folds are apparent in the sediments of the Bowser Lake Group, and are generally open or chevron-shaped. Most have northwest and west trending fold axes. Axial planes dip southerly.

The lithologies of the Bowser Lake Group sediments and Salmon River Formation are discussed below.

Bowser Lake Group

Argillites, medium-grained wackes and subarenites, and rare conglomerates of the Bowser Lake Group crop out on the lower, steep slopes of the Iskut River valley. These sediments form part of the western edge of the Bowser Basin, a Mesozoic successor basin into which detritus was shed from the rising Stikine Arch. Hence, the Bowser Lake Group sediments onlap and interfinger with the Hazelton Group volcanics. The actual contact between Hazelton Group (Salmon River Formation) volcanics and Bowser Lake Group sediments was not observed due to poor exposure, but is interpreted to be an unconformity , due to the discordant dips of the adjacent units. The sediments strike northeast and dip moderately to steeply southeast, while the basalts dip moderately northwest. A cleavage fabric, strongly developed in the slates and

argillites, is generally steeper than bedding and has a more northerly trend.

The bulk of the Bell 13 and 14 blocks are underlain by dark grey argillites, sometimes thinly laminated with lighter grey siltstone (Map unit 1). Fine to medium grained light grey cherty sandstones and greywackes form resistant bluffs and ridges on the lower slopes (Map unit 2). The wackes are well bedded, sometimes displaying cross stratification or grain size grading that indicate that the beds are right-way-up. The greywackes are interbedded with rare pebble conglomerates with clasts of chert, quartzite and volcanic and sedimentary rock fragments.

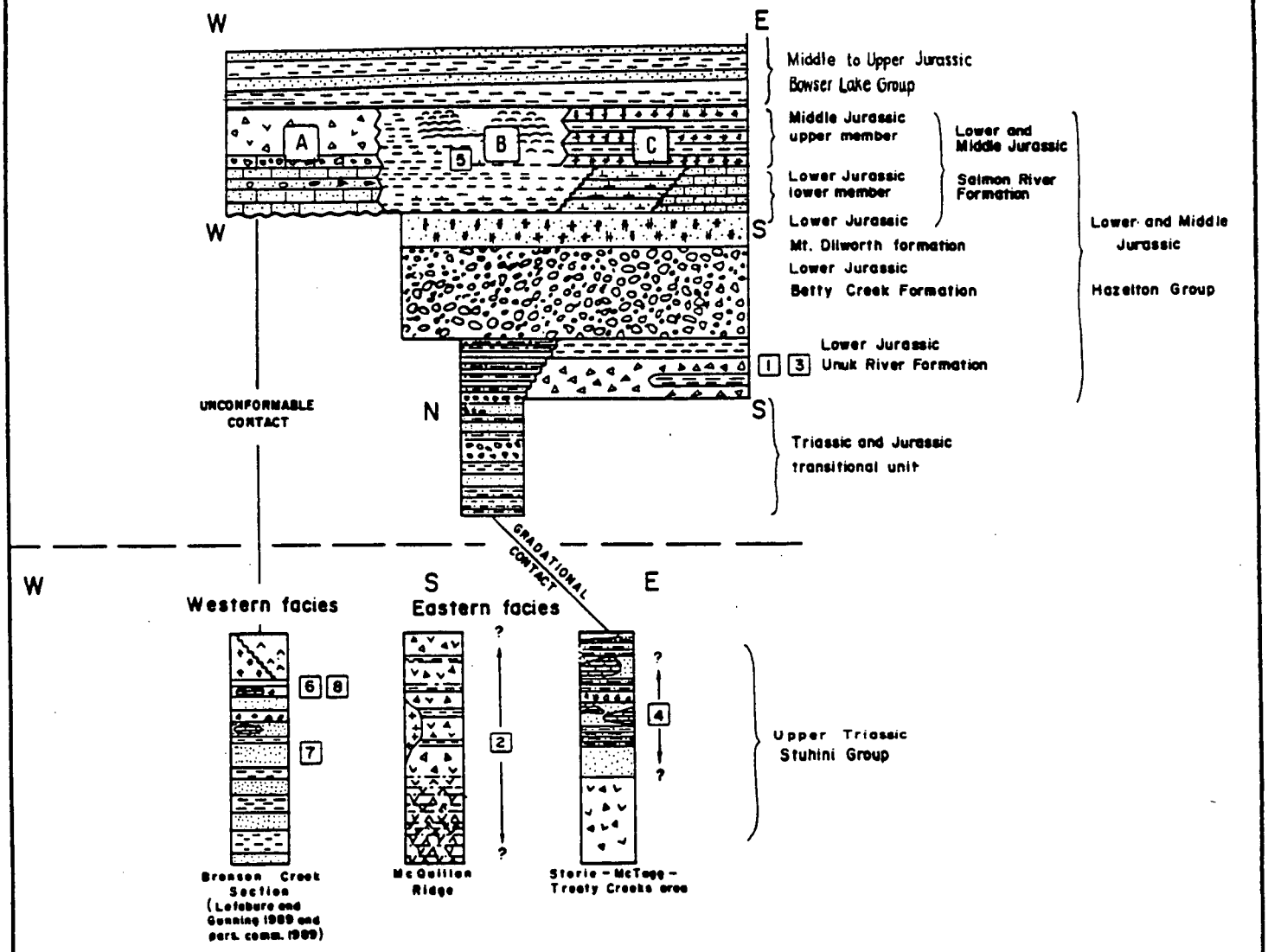
Salmon River Formation

Underlying the bulk of the Isk 1, 2 and 4 blocks is a huge thickness of pillow basalts, basalt breccias and gabbros (Map unit 3a, 3b). The greenish grey basalts are aphyric to plagioclase phyric, with rare pyroxene phenocrysts, and often slightly vesicular and/or amygdaloidal. Their weathered colour ranges from grey-brown to brick red. Pillows are well developed and slightly flattened, with cracked selvedges and brecciated interstices. They reach sizes up to 1.5m. Some basalts display no pillow textures and may be subaerial equivalents. These subaerial basalt flows are more common lower in the sequence. Pillow basalt breccias with abundant carbonate stringers are also common. Associated with the basalts are coarser grained mafic phases. These plagioclase-pyroxene gabbros have a grain size of 2-3mm. Although clear crosscutting relations were not observed, these may represent hypabyssal feeder dykes to the overlying basalts.

Throughout the property, the basalt flows dip slightly to moderately to the northwest and west. The disconcordant dips suggest that the sediments unconfomably overlap the basalt sequence. The Pillow Ridge Anticline as mapped by Brown et al (1989) was not apparent, although the layering in the lower basalts could not be measured.

Within the basalts, there are concordant layers of sediments and locally, felsic volcanics. These range from a few meters to 50 meters thick, and consist largely of rusty-weathering dark grey argillite, light grey siltstones, polymictic conglomerate with rounded sedimentary and volcanic clasts. A very siliceous, grey and white banded to streaky felsic or intermediate tuff with rare crystals and lapilli outcropped in several localities.

Locally, a basalt cobble conglomerate to breccia was observed. The matrix is dark, chloritic and silicified. The genesis of this rock is unknown. It may be a fault breccia, as the conglomerate was observed to crosscut basalts at one locality.



LITHOLOGY

- Volcanic breccia
- Intermediate, mixed and mafic tuff
- Felsic tuff, breccia and turbidite (in Eskay Creek facies)
- Pillow lava
- Shale and siliceous shale (in T - J transitional unit and Troy Ridge facies)
- Limy shale and shaly limestone (Eskay Creek facies)
- Limestone
- Sandy limestone in southern lower member of Salmon River formation
- Limy greywacke
- Siltstone siliceous siltstone (in T - J) transitional unit) and wavy laminated siltstone (Stuhini Group)
- Greywacke (feldspathic greywacke in T Bronson Creek section, Stuhini Group)
- Monolithic and heterolithic volcanic conglomerate
- Epiclastic siltstone, greywacke, breccia and conglomerate (Lower Jurassic Betty Creek formation)
- Quartz monzodiorite

SYMBOLS

- A Snippaker Mtn. facies
- B Eskay Creek facies
- C Troy Ridge facies
- / Facies change

MODIFIED AFTER ANDERSON AND THORKELSON (1990)

8 - Approximate or uncertain stratigraphic position of precious metal veins for: 1. PREMIER 2. DOC 3. SULPHURETS CAMP 4. KERR 5. ESKAY CREEK 6. INEL 7. SNIP 8. STONEHOUSE

From G.S.C. PAPER 90 - 1F

Schematic facies changes in Triassic and Lower and Middle Jurassic strata. Facies changes occur toward the east and northeast for Upper Triassic Stuhini Group and both south to north and east to west for Upper and Middle Jurassic Salmon River Formation in Iskut River map area.

Figure 4

MINERALIZATION

Mineralized zones in the Isk-Bell property are limited. Pyrite is the most common sulphide, occuring as disseminations and isolated euhedra, stringers and narrow pods that are mainly associated with quartz-carbonate veins. The veins, as previously mentioned, trend northwest and northeast. Mineralization is strongest where veins are hosted in thin sediment layers within the basalts. Where the veins cut the basalts, mineralization is less intense. In all cases, sulphides do not exceed 5% volume of the vein rock. The veins are usually less than 10cm wide. Rare arsenopyrite occurs with pyrite in some instances. The presence of stibnite is suggested by some elevated antimony anomalies in samples collected in 1989. Despite some high zinc anomalies in stream sediments, sphalerite was not observed, nor was chalcopyrite.

Despite the commonly rusty red (iron oxide stain) weathered colour, the basalts host only disseminated pyrite, in concentrations not exceeding 2-3% volume. In the thin felsic tuff layers, pyrite occurs as thin stringers and disseminations throughout the rock, 3-5% volume. However, this unit is thin and not widespread on the property.

Mineralization in the Bowser Lake sediments in the Iskut River valley is sparse, consisting of minor disseminated euhedral pyrite. In one outcrop of argillite, however, a thin (2cm) stratiform band relatively rich in disseminated pyrite (approximately 30% volume) was observed.

GEOCHEMICAL SURVEY RESULTS

A total of 70 rock and 117 silt and moss samples were collected by field crews for geochemical analysis. Rock samples were collected from mineralized outcrops, and those showing potential for mineralization. Silt and moss samples were collected from drainages on and adjacent to the property, at a spacing of 100 meters. Sample sites were marked with flagging, and in the case of most rock samples, with flagging and aluminum tags. Rock silt and moss samples were shipped to Loring Labs in Calgary, or Min-En Labs in North Vancouver.

Samples were analysed for 31 elements by inductively coupled plasma (ICP) analysis . A brief description of the analysis techniques can be found in Appendix iii. Eight elements have been plotted on maps in two groups (gold, silver, arsenic (Figure 8); and copper, lead, zinc, antimony, barium (Figure 9)).

Gold values were low, not exceeding 10ppb in any sample. Silver values reached values of up to 4.3ppm, (H-CC-R-321) from a silicified banded tuff. Four other values of >4ppm were obtained, mostly from samples of quartz carbonate veins within the basalts. Arsenic values were generally low, though some slightly elevated results were obtained from stream sediments on upper "Ugly Creek". H-BC-R-134, from a rusty weathering carbonate vein, yielded 279ppm As.

Base metals of copper, lead, and zinc were not anomalous except for some zinc and barium values of 200ppm and 300-900ppm, respectively, in silts from creeks flowing through Bowser Lake Group argillites. In addition, some moderate zinc values were obtained from silts and mosses draining basalts on east and west sides of the property. A single

anomalous copper value (832 ppm, HDMS071) was obtained on a silt draining the southeast part of the property. No mineralized outcrops were found at the head of this drainage, nor along its course.

Antimony levels were low, only 6 samples had values of 25ppm or more Sb. Most of these were from rusty weathering sediment bands within basalts; or from quartz carbonate veins. High antimony anomalies from two samples taken in 1989 (up to 143ppm) were not duplicated in 1990 , although the actual site was not resampled.

CONCLUSIONS AND RECOMMENDATIONS

The Isk - Bell property is underlain by a thick succession of pillow basalts and related mafic volcanics, unconformably overlain by sedimentary rocks of the Bowser Basin. Although the same facies is present in the Isk - Bell property as at the Eskay Creek Camp, the latter is interpreted to be at a lower stratigraphic position, at the base of the pillow basalt sequence (see Figure 4). The Isk - Bell property encompasses the upper part of the pillow basalt sequence and the overlying sediments. Thus, it is possible that Eskay Creek type geology, and deposits, could exist at depth under the property. Workers from the BCMEMPR have estimated thicknesses of the pillow basalt unit of the Eskay Creek Facies of the Salmon River Formation to be up to 2000m, and this is close to the estimated thickness exposed on the Isk - Bell property. Thus, the base of the pillow basalt sequence, and Eskay Creek type geology should not be far below the lowest basalts exposed. Furthermore, the presence of carbonate and quartz veining in the exposed rocks indicates that hydrothermal processes have been at work on the property. This evidence for hydrothermal activity somewhat enhances the potential for mineralization on the property. The most economical way to explore this potential would be some type of airborne geophysical survey.

With regard to field work completed this season, assay results from the Isk-Bell property (on 187 rock, moss and silt samples) have not been promising, with a general lack in Au, Ag, As, Pb, Zn, Cu, Ba or Sb anomalies. Thorough prospecting and mapping of the property have failed to identify any gossans or areas of strong mineralization. An antimony anomaly sampled in 1989 was not resampled because of snow cover, but a

brief investigation of this area may be warranted.

In conclusion, although surface exposures do not appear to hold potential for economic mineralization, there is a possibility of mineralization at depth that might be delineated by airborne geophysics. No further ground work is recommended at this time.

STATEMENT OF QUALIFICATIONS

I, Leonard P. Gal, of 3373 West Seventh Avenue, Vancouver, British Columbia, V6R 1V9 do hereby certify that:

1/ I am a contract geologist in the employ of International Kodiak Resources, Inc., with offices at 606, 675 West Hastings Street, Vancouver, B.C.

2/ I am a graduate of the University of British Columbia (B.Sc. Geology) and the University of Calgary (M.Sc. Geology), and have worked in British Columbia and the Northwest Territories since 1986.

3/ I am the author of this report and my findings are based on work undertaken on the property between June 20 and September 27, 1990.

4/ I have no interest, direct or indirect, in Ivana Capital Corporation Inc. or Ecstall Mining Corp. or Omega Gold Corp., nor in any of their properties, nor do I expect to receive any such interest.

5/ This report may be used by Ivana Capital Corporation or Ecstall Mining Corp. or Omega Gold Corp., in whole or in part, as they so require.

Dated at Vancouver, British Columbia this 29 day of November, 1990.

Leonard Gal

Leonard P. Gal, M.Sc.

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INTERNATIONAL KODIAK RESOURCES INC.

Mineral Exploration Services

STATEMENT OF COSTS

PROJECT: ISK-BELL for IVANA CAPITAL CORP.

PERIOD: JUNE to OCTOBER

Personnel	
15.2 man days @ $275/day	$4,180.00
10.8 man days @ $240/day	$2,592.00
8.0 man days @ $225/day	$1,800.00
14 man days @ $200/day	$2,800.00
Helicopter	
11.2 hours @ $ 725 /hour (fuel included)	$8,120.00
Room and Board	
47 man days @ $125/day	$5,875.00
___ man days @ $40/day (fly camp)	
Vehicle	
@ $1,350/month	$540.00
Field Supplies	
47 days @ $20/man/day	$940.00
Samples	
187 Rock @ $20/sample	$3,740.00
___ Soil @ $20/sample	
___ Silt @ $20/sample	
Mob./Demob.	
Office	$4,800.00
Miscellaneous	
1. Filling Fees	$1,320.00
2. Land Survey	$1,700.00
3. Travel	$3,000.00
Subtotal	$
Contingency	
TOTAL TO DATE	$41,467.00

E. & O.E.

APPENDIX III

ASSAY TECHNIQUES AND RESULTS

MINERAL
• ENVIRONMENTS
LABORATORIES

Division of Assayers Corp. Ltd.

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK:

PROCEDURE FOR TRACE ELEMENT ICP

Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cu,
Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb,
Sr, Th, U, V, Zn, Ga, Sn, W, Cr

Samples are processed by Min-En Laboratories, at 705 West 15th Street, North Vancouver, employing the following procedures.

After drying the samples at 95 C, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized on a ring mill pulverizer.

0.50 gram of the sample is digested for 2 hours with an aqua regia mixture. After cooling samples are diluted to standard volume.

The solutions are analyzed by computer operated Jarrall Ash 9000 ICAP or Jobin Yvon 70 Type II Inductively Coupled Plasma Spectrometers.

FFICE AND LABORATORIES:
5 WEST FIFTEENTH STREET, NORTH VANCOUVER, B.C.
ANADA V7M 1T2

PHONE: (604) 980-5814 (604) 988-4524
TELEX: VIA USA 7601067

MINERAL
• ENVIRONMENTS
LABORATORIES

Division of Assayers Corp. Ltd.

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK

PROCEDURE FOR AU, PT OR PD FIRE GEOCHEM

Geochemical samples for Au Pt Pd are processed by Min-En Laboratories, at 705 West 15th St., North Vancouver, B. C., laboratory employing the following procedures:

After drying the samples at 95 C, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized on a ring mill pulverizer.

A suitable sample weight; 15.00 or 30.00 grams is fire assay preconcentrated. The precious metal beads are taken into solution with aqua regia and made to volume.

For Au only, samples are aspirated on an atomic absorption spectrometer with a suitable set of standard solutions. If samples are for Au plus Pt or Pd, the sample solution is analyzed in an inductively coupled plasma spectrometer with reference to a suitable standard set.

OFFICE AND LABORATORIES:
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CANADA V7M 1T2

PHONE: (604) 980-5814 (604) 988-4524
TELEX: VIA USA 7601067
FAX: (604) 980-9621

MINERAL
• ENVIRONMENTS
LABORATORIES

Division of Assayers Corp. Ltd.

MERCURY ANALYTICAL PROCEDURE FOR ASSESSMENT FILING

Samples are processed by Min-En Laboratories at 705 West 15th St., North Vancouver, B. C., employing the following procedures.

After drying the samples @ 30 C, soil, and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized by ring pulverizer.

A 0.50 gram subsample is digested for 2 hours in an aqua regia mixture. After cooling samples are diluted to standard volume.

Mercury is analyzed by combining with a reducing solution and introducing it into a flameless atomic absorption spectrometer. A three point calibration is used and suitable delutions made if necessary.

OFFICE AND LABORATORIES:
05 WEST FIFTEENTH STREET, NORTH VANCOUVER, B.C.
ANADA V7M 1T2

PHONE: (604) 980-5814 (604) 988-4524
TELEX: VIA USA 7601067
FAX: (604) 980-9621

MINERAL
• ENVIRONMENTS
LABORATORIES

Division of Assayers Corp. Ltd.

GOLD ASSAY PROCEDURE:

Samples are dried @ 95 C and when dry are crushed on a jaw crusher. The 1/4 inch output of the jaw crusher is put through a secondary roll crusher to reduce it to - 1/8 inch. The whole sample is then riffled on a Jones Riffle down to a statistically representative 300 - 400 gram sub-sample (in accordance with Gy's statistical rules). This sub-sample is then pulverized on a ring pulverizer to 95% minus 120 mesh, rolled and bagged for analysis. The remaining reject from the Jones Riffle is bagged and stored.

Samples are fire assayed using one assay ton sample weight. The samples are fluxed, a silver inquart added and mixed. The assays are fused in batches of 24 assays along with a natural standard and a blank. This batch of 26 assays is carried through the whole procedure as a set. After cupellation the precious metal beads are transferred into new glassware, dissolved, diluted to volume and mixed.

These aqua regia solutions are analyzed on an atomic absorption spectrometer using a suitable standard set. The natural standard fused along with this set must be within 3 standard deviations of its known or the whole set is re-assayed. Likewise the blank must be less than 0.015 g/tonne.

OFFICE AND LABORATORIES:
05 WEST FIFTEENTH STREET, NORTH VANCOUVER, B.C.
CANADA V7M 1T2

PHONE: (604) 980-5814 (604) 988-4524
TELEX: VIA USA 7601067
FAX: (604) 980-9621

MINERAL
• ENVIRONMENTS
LABORATORIES

Division of Assayers Corp. Ltd.

AG, CU, PB, ZN, NI, AND CO ASSAY PROCEDURE:

Samples are dried @ 95 C and when dry are crushed on a jaw crusher. The -1/4 inch output of the jaw crusher is put through a secondary roll crusher to reduce it to -1/8 inch. The whole sample is then riffled on a Jones Riffle down to a statistically representative 300 - 400 gram sub-sample (in accordance with Gy's statistical rules). This sub-sample is then pulverized in a ring pulverizer to 95% minus 120 mesh, rolled and bagged for analysis. The remaining reject from the Jones Riffle is bagged and stored.

A 2.000 gram sub-sample is weighed from the pulp bag for analysis. Each batch of 70 assays has a natural standard and a reagent blank included. The assays are digested using a HNO3 - KCL04 mixture and when reaction subsides, HCL is added to assay before it is placed on a hotplate to digest. After digestion is complete the assays are cooled, diluted to volume and mixed.

The assays are analyzed on atomic absorption spectrometers using the appropriate standard sets. The natural standard digested along with this set must be within 3 standard deviations of its known or the whole set is re-assayed. If any of the assays are >1% they are re-assayed at a lower weight.

OFFICE AND LABORATORIES:
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CANADA V7M 1T2

PHONE: (604) 980-5814 (604) 988-4524
TELEX: VIA USA 7601067
FAX: (604) 980-9621

To: INTERNATIONAL KODIAK,
606, 675 Hastings Street,
Vancouver, B.C.

File No. 33475-SM
Date July 9, 1990
Samples Soil
Ref. Smithers # 00003

Certificate of Assay
LORING LABORATORIES LTD.

SAMPLE NO.	PPB Au
Geochemical Analysis	
[redacted]-001	NIL
002	NIL
003	NIL
004	NIL
005	NIL
006	NIL
007	NIL
008	NIL
009	NIL
H-LGS-001	NIL
002	NIL
003	NIL
004	NIL
005	NIL
006	NIL
007	NIL
008	NIL
009	NIL
010	NIL
011	NIL
012	NIL
013	NIL
014	10
015	NIL
016	NIL
017	NIL
018	NIL
019	NIL
020	NIL
021	NIL

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.

Assayer

To: INTERNATIONAL KODIAK,
606, 675 Hastings Street,
Vancouver, B.C.

File No. 33475-SM
Date July 9, 1990
Samples Rock
Ref. Smithers # 00003

Certificate of Assay
LORING LABORATORIES LTD.

SAMPLE NO.	PPB Au
[redacted]023	NIL
024	NIL
025	NIL
026	NIL
H-LG-R-022	NIL
023	NIL
024	NIL
025	NIL
026	NIL
027	NIL
028	NIL
029	NIL
030	NIL
031	NIL
032	NIL
033	NIL
034	NIL
035	NIL
036	NIL
037	NIL
038	NIL
039	NIL
040	NIL
[redacted]-024	NIL
037	NIL
[redacted]001	NIL
002	NIL
008	NIL
010	NIL
011	NIL
017	NIL
019	NIL

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.

Assayer

Loring Laboratories Ltd. PROJECT 33475 FILE # 90-2370

E#	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
H-LG-R 22	1	11	9	48	.1	43	8	219	2.16	2	5	ND	3	432	.2	2	2	18	1.70	.030	9	232	.74	108	.01	9	1.15	.05	.09	1
H-LG-R 23	(24)	62	18	(613)	.7	58	4	125	3.52	21	5	ND	1	10	4.0	5	2	87	.04	.025	2	40	1.40	138	.01	8	2.21	.02	.15	1
H-LG-R 24	1	39	19	123	.1	150	15	148	5.55	3	5	ND	2	20	.3	2	2	45	.12	.048	3	136	1.77	141	.01	7	3.04	.03	.14	1
H-LG-R 25	1	9	10	65	.1	55	8	147	2.79	2	5	ND	5	46	.2	2	2	31	.28	.049	31	138	1.22	171	.01	7	1.77	.05	.18	1
H-LG-R 26	1	47	2	89	.1	69	25	855	5.77	2	5	ND	1	38	.7	2	2	139	7.34	.075	4	116	1.57	16	.65	11	3.95	.07	.02	1
H-LG-R 27	1	27	2	70	.1	35	17	429	3.54	2	5	ND	1	20	.4	2	2	71	5.58	.050	2	75	1.40	15	.53	8	3.09	.06	.01	1
H-LG-R 28	1	35	3	79	.1	46	25	573	5.23	2	5	ND	1	45	.4	2	2	103	2.94	.056	3	77	2.04	28	.52	4	3.19	.28	.02	1
H-LG-R 29	1	32	5	91	.2	32	24	942	6.82	2	5	ND	1	46	1.4	2	2	130	12.88	.061	3	79	2.72	30	.61	5	4.30	.01	.01	1
H-LG-R 30	2	26	7	365	.1	33	10	299	4.49	17	5	ND	1	6	3.4	2	2	103	.57	.022	2	57	1.44	22	.13	10	1.40	.02	.03	1
H-LG-R 31	1	12	3	34	.1	44	14	1024	5.33	5	5	ND	1	31	.8	2	2	44	13.86	.031	4	78	.98	17	.14	2	1.44	.03	.01	1
H-LG-R 32	1	31	4	97	.1	30	21	645	6.85	2	5	ND	1	33	.8	2	2	108	1.55	.059	4	58	2.60	87	.66	2	3.67	.22	.02	2
H-LG-R 33	1	32	3	43	.1	19	12	305	1.72	6	5	ND	1	41	.3	2	2	48	12.89	.022	2	92	.29	7	.23	4	3.38	.01	.01	1
H-LG-R 34	(17)	38	2	104	.1	54	22	550	6.45	14	5	ND	1	11	.9	2	2	173	2.13	.849	3	189	1.81	35	.72	6	2.59	.06	.05	1
STANDARD C	17	58	38	132	7.3	68	31	995	3.87	38	15	7	37	52	18.7	15	19	55	.50	.092	36	56	.90	177	.09	33	1.87	.06	.14	11

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
[illegible]																														
H-LG-S-001	2	57	8	206	.2	39	16	759	5.90	11	5	ND	2	25	1.7	2	2	82	1.06	.123	9	42	1.79	86	.17	2	2.84	.03	.05	1
H-LG-S-002	2	51	7	202	.1	39	15	707	5.70	10	5	ND	1	24	1.8	2	2	80	1.05	.111	9	40	1.71	84	.16	4	2.69	.02	.04	1
H-LG-S-003	1	55	3	212	.1	41	16	731	6.17	19	5	ND	2	26	1.8	2	2	85	1.15	.129	9	43	1.85	88	.18	7	2.89	.02	.05	1
H-LG-S-004	2	55	10	210	.1	39	15	740	5.85	14	5	ND	1	24	1.4	4	2	83	1.10	.117	9	40	1.81	75	.15	5	2.84	.02	.02	1
H-LG-S-005	2	67	12	238	.2	42	17	799	6.15	21	5	ND	2	27	2.1	3	2	87	1.13	.121	10	43	1.81	97	.17	3	2.85	.03	.05	1
H-LG-S-006	2	64	11	233	.2	43	17	800	6.21	15	5	ND	3	28	2.0	4	2	88	1.19	.124	10	44	1.86	90	.17	5	2.93	.02	.06	1
H-LG-S-007	2	64	7	211	.3	39	16	758	5.87	18	5	ND	1	28	1.8	4	2	83	1.30	.119	10	40	1.78	85	.15	7	2.75	.02	.05	1
H-LG-S-008	2	58	8	229	.2	41	16	781	6.08	27	5	ND	2	27	2.0	3	2	85	1.21	.119	10	41	1.84	83	.16	5	2.88	.02	.05	1
H-LG-S-009	2	58	6	213	.1	41	16	765	6.11	10	5	ND	2	27	1.8	2	2	84	1.20	.121	9	42	1.87	82	.16	5	2.93	.02	.05	1
H-LG-S-010	2	62	10	212	.2	39	16	734	5.97	11	5	ND	3	26	1.8	3	2	84	1.13	.120	9	40	1.76	90	.17	4	2.76	.02	.05	1
H-LG-S-011	3	64	9	226	.1	40	17	771	6.05	15	5	ND	2	28	2.3	3	2	85	1.27	.117	10	40	1.77	95	.16	7	2.78	.03	.04	1
H-LG-S-012	3	55	8	234	.2	43	16	792	6.02	17	5	ND	2	29	2.1	3	2	84	1.32	.117	9	47	1.80	83	.15	3	2.83	.02	.04	1
H-LG-S-013	2	71	9	196	.2	43	18	711	6.65	17	5	ND	2	25	1.8	4	2	93	1.20	.126	9	48	1.94	88	.21	5	3.01	.02	.04	1
H-LG-S-014	2	59	12	228	.2	40	16	760	5.93	18	5	ND	1	30	2.0	4	2	82	1.42	.119	9	41	1.77	79	.15	7	2.78	.02	.02	1
H-LG-S-015	2	65	7	227	.1	40	16	762	6.05	18	5	ND	2	30	2.2	4	2	84	1.42	.118	10	41	1.80	86	.16	8	2.81	.02	.05	1
H-LG-S-016	2	62	11	225	.1	40	16	782	6.01	13	5	ND	3	30	1.9	3	2	85	1.43	.122	10	42	1.84	81	.15	4	2.86	.03	.06	1
H-LG-S-017	2	68	7	253	.1	41	17	808	6.20	19	5	ND	2	27	2.0	3	2	85	1.11	.124	10	41	1.79	105	.17	3	2.85	.03	.06	1
H-LG-S-018	3	68	11	241	.1	39	16	779	6.11	21	5	ND	3	32	2.3	4	2	83	1.49	.126	10	39	1.83	87	.14	8	2.83	.02	.06	1
H-LG-S-019	2	52	7	342	.2	90	29	1107	7.55	24	5	ND	2	37	3.1	2	2	133	1.68	.111	9	92	2.59	88	.34	7	3.80	.05	.06	1
H-LG-S-020	2	46	12	324	.1	93	29	946	7.71	19	5	ND	3	34	2.7	4	2	134	1.63	.108	9	97	2.75	81	.36	3	3.84	.05	.06	1
H-LG-S-021	1	52	6	329	.1	91	28	998	7.67	28	5	ND	2	131	3.0	2	2	133	1.69	.111	9	96	2.74	80	.36	5	3.87	.05	.06	1
STANDARD C	18	59	38	132	7.3	72	30	1021	4.08	43	15	6	39	52	18.7	15	20	59	.56	.095	38	60	.93	181	.09	36	1.98	.06	.14	13

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
H-LG-R 35	9	38	6	93	.4	63	26	597	9.39	29	5	ND	1	5	.2	9	2	226	.74	.060	3	212	2.07	30	.51	5	2.15	.05	.05	1
H-LG-R 36	1	34	5	52	.1	58	28	825	5.04	46	5	ND	1	52	.2	28	2	54	11.24	.053	4	80	.77	17	.01	7	.73	.01	.20	1
H-LG-R 37	2	4	11	90	.1	3	1	282	1.65	4	5	ND	1	4	.2	2	2	5	.29	.006	18	91	.31	15	.05	5	.70	.11	.01	1
H-LG-R 38	8	9	16	94	.1	7	2	123	1.58	19	5	ND	2	5	.6	2	2	14	.25	.009	16	130	.16	43	.08	3	.42	.11	.07	1
H-LG-R 39	1	24	2	71	.2	31	17	1112	6.24	73	5	ND	1	206	.2	25	2	44	9.07	.058	3	63	2.54	57	.01	18	.37	.02	.20	1
H-LG-R 40	11	54	11	156	.5	24	6	174	3.60	27	5	ND	1	6	1.3	6	2	217	.33	.046	10	56	.69	66	.27	9	.98	.07	.08	1
STANDARD C	18	58	36	130	7.2	70	31	1004	3.85	42	17	7	37	52	18.7	16	20	55	.48	.097	37	58	.87	179	.07	33	1.84	.06	.14	13

COMP: INTERNATIONAL KODIAK
PROJ: UNUK
ATTN: G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0160-BJ1+.
DATE: 90/07/?
• MOSS • (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB
H-LG-R-138	4.0	30910	1	8	30	.1	11	25700	.1	37	50	57680	280	9	20000	678	1	3400	50	670	7	1	1	1	1	158.1	57	1	1	7	120	5
H-LG-R-139	2.3	11760	14	4	75	.1	5	6600	19.2	9	36	31800	1170	7	10740	223	8	500	2	1350	14	1	1	1	1	161.3	294	4	1	2	38	5
H-LG-R-140	3.3	16100	1	4	22	.1	8	14540	.1	24	46	50910	370	10	15520	524	4	930	37	700	7	1	1	1	1	255.7	310	2	1	6	99	5
H-LG-R-141	1.4	11960	25	11	120	.1	1	64360	.1	28	40	47750	2060	17	17320	951	1	270	53	680	13	34	1	1	1	94.4	37	4	1	2	62	5
H-LG-R-142	2.0	24860	1	13	109	.1	4	30360	.1	36	41	61400	2040	30	25070	705	1	460	62	720	7	25	1	1	1	153.7	69	1	1	4	110	5
H-LG-R-143	1.3	10940	127	16	109	.2	1	64360	.1	31	36	49040	4330	9	19720	1130	1	90	49	770	7	30	1	1	1	75.1	27	2	1	1	39	5
[redacted]	1.8	21390	1	7	141	.1	5	12550	.1	32	14	47410	980	7	24020	1027	22	650	41	2290	10	1	12	1	1	191.2	74	1	1	2	23	10
	.8	11020	1	5	31	.3	1	19090	.1	17	41	45380	1520	9	22850	1826	1	330	14	1910	17	1	5	1	1	110.0	98	1	1	1	22	5
	2.4	18680	1	5	78	.1	6	9530	.1	44	18	85990	1000	8	17360	1004	1	180	1	1180	9	1	16	1	1	74.8	58	1	1	1	5	5
	1.7	2270	1	6	2276	.1	1	68270	.1	12	6	43390	1530	1	47070	2346	1	50	1	280	7	1	30	1	1	52.8	167	1	1	1	1	5
	.5	13790	1	4	1890	.8	1	18610	.1	15	2	34600	4750	3	12670	886	1	140	10	1740	12	1	32	1	1	26.5	53	1	1	1	9	5
	1.1	4610	7	5	814	.6	1	28290	.1	6	4	23770	2260	1	8090	927	1	360	1	770	18	1	4	1	1	13.4	34	3	1	1	28	5
	.7	8200	33	6	811	1.3	1	14040	.1	15	3	38130	4690	1	14650	918	1	60	5	1810	13	1	9	1	1	21.3	64	2	1	1	1	5
	1.7	3640	1	7	84	.1	1	5360	.1	51	25	56800	2280	1	1590	124	19	200	1	350	17	1	5	1	1	6.3	20	1	1	1	15	10
	1.0	3380	1	9	55	.1	1	8810	.1	71	18	106220	2180	1	3640	345	2	50	1	780	39	1	5	1	1	14.9	27	1	1	1	4	5
	.3	3770	11	6	365	.1	1	4840	.1	6	4	19050	1790	1	870	158	5	330	1	580	25	1	10	1	1	2.0	29	1	1	1	38	5
	.1	3290	9	3	1008	.3	1	3390	.1	2	3	7620	1420	1	330	428	1	660	1	240	18	1	10	1	1	3.6	31	1	1	1	60	5
	.4	3120	6	1	357	.1	1	5800	.1	3	8	9020	1000	1	640	477	1	690	2	150	16	1	1	1	1	3.7	29	1	1	1	48	5
	1.5	34970	1	6	105	.1	3	32280	.1	27	36	61910	2270	12	22330	1164	1	390	16	360	9	1	5	1	1	127.4	76	1	1	1	10	10
	1.9	16900	21	4	50	.3	2	73840	.1	11	30	26860	1860	7	10080	948	1	150	26	890	20	1	47	1	1	39.2	42	8	1	1	17	5
	2.4	28590	1	5	27	.1	7	13820	.1	35	9	69980	420	8	27260	1375	1	590	2	1740	14	1	51	1	1	104.9	67	1	1	2	54	5
	3.5	22120	1	4	85	.1	10	8710	.1	29	317	60100	1430	5	21920	1550	3	340	1	1360	21	1	1	1	1	123.5	96	2	2	1	1	5
	1.6	6140	1	8	112	.5	1	43960	.1	27	72	50260	3860	1	34310	1824	1	120	45	490	11	1	5	1	1	60.0	92	1	1	1	19	5
H-LG-R-144	1.4	21250	4	7	30	.1	3	11240	.1	17	169	92560	500	16	20670	463	7	740	7	4640	9	22	15	1	1	431.6	62	1	1	4	28	10
H-LG-R-145	.1	6290	21	2	41	.3	1	820	.1	2	11	19260	860	5	2030	123	5	620	1	370	15	7	1	1	1	30.9	66	3	1	1	36	5
H-LG-R-151	1.0	8880	61	5	47	.1	1	1450	.1	7	40	49470	2010	5	3900	151	3	330	1	610	21	37	1	1	1	186.8	137	2	1	1	23	5
H-LG-R-152	2.6	19300	183	8	40	.1	1	3000	.1	11	71	92780	1610	14	6260	234	1	280	1	660	11	13	1	1	1	304.3	137	1	1	3	34	5
[redacted]	.1	22320	1	5	101	.1	1	1230	.1	17	12	66870	2780	12	4340	444	1	230	1	620	9	1	1	1	1	7.0	27	1	1	1	1	5
	.1	26930	78	10	9	.1	1	420	.1	52	13	114850	690	12	7770	758	1	20	1	380	9	1	1	1	1	88.5	29	1	1	1	11	5
	.2	6340	31	56	31	.1	1	300	.1	49	8	43970	740	3	3260	127	2	60	1	330	9	1	3	1	1	21.1	9	2	1	3	103	5
	5.3	42430	1	13	37	.3	14	50990	.1	38	223	89640	3560	23	24730	170	1	110	9	4480	9	1	44	1	1	132.8	71	1	1	1	1	5
	.4	17440	11	4	96	.1	1	3490	.1	13	18	43110	4130	7	6050	345	1	90	1	560	13	1	1	1	1	10.6	27	4	1	1	18	5
	.1	34320	123	9	79	.1	1	2590	.1	23	35	123970	4440	16	13370	644	1	70	1	850	9	1	7	1	1	149.0	30	1	1	1	1	5
	.1	23430	1	18	20	.1	1	2790	.1	29	7	149590	540	9	13870	622	1	610	1	810	9	1	1	1	1	193.3	17	1	1	4	1	10
	.1	4790	1	34	1	.1	1	240	.1	51	26	384640	220	1	920	1	1	60	1	10	9	1	1	1	1	167.9	1	1	1	1	1	5
	2.8	24860	1	6	38	.1	7	9110	.1	20	155	62860	270	3	17540	3621	3	660	1	1390	374	1	18	1	1	103.7	871	1	1	2	28	5
	132.7	8070	3128	12	2548	.4	1	3940	15.2	13	37407	69460	3280	1	320	231	1	160	1	850	51	555	14	1	1	36.9	475	1	1	1	1	5
	13.7	5620	149	10	4655	.1	2	59770	4.8	14	1182	44380	2730	1	1410	3059	1	70	1	750	23	103	20	1	1	44.3	311	1	1	1	12	5
	6.2	8110	130	6	1579	.1	1	4530	.1	9	13875	50490	1970	11	1530	383	1	620	1	1100	26	63	13	1	1	33.4	168	1	1	1	20	5
	281.2	1060	324	1	4615	.1	1	1420	15.4	5	2527	5050	560	1	210	225	1	10	1	80	15	1234	372	1	3	3.8	282	1	1	1	47	5
	3.5	7090	141	7	392	.8	1	23820	61.8	14	445	42980	4140	1	25870	1990	7	120	1	1100	25	19	16	1	1	30.8	6455	1	1	1	20	5

COMP: INTERNATIONAL KODIAK
PROJ: UNUK
ATTN: G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0160-BJ1[illegible]
DATE: 90/07/2[illegible]
* MOSS * (ACT:F31[illegible]

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB
H TT R 069	.6	1920	20	1	30	.1	1	44710	.1	2	9	5400	330	4	1940	802	1	80	9	90	25	1	786	1	1	5.8	7	1	1	2	80	5

COMP: INTERNATIONAL KODIAK
PROJ: UNUK
ATTN: G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0160-BJ1+
DATE: 90/07/?
* MOSS * (ACT:F31

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB
H GB M 035	.3	18150	1	2	33	.4	3	14090	.4	15	27	31230	3170	9	10490	577	1	310	21	2150	33	1	11	1	1	75.0	73	1	1	1	27	5
H GB M 036	.3	21590	1	2	34	.3	5	13650	.1	21	27	42320	1270	11	12360	778	1	720	25	1440	35	1	9	1	1	107.6	77	1	1	1	36	10
H LG M 105	.3	22290	1	5	78	.8	4	14140	.1	20	39	41160	1310	13	11980	901	1	560	32	1700	38	1	11	1	1	91.8	118	1	1	1	30	5
H LG M 106	.7	23980	1	4	63	.5	6	12160	.1	27	42	52460	6630	19	18330	881	1	720	49	1960	33	1	8	1	1	114.0	125	1	1	1	53	10
H LG M 107	1.5	27220	1	5	89	.8	8	12080	.1	29	50	56710	1600	19	17200	1103	1	440	49	1220	38	1	7	1	1	128.0	155	1	1	1	47	5
H LG M 108	1.5	26540	1	4	86	.7	8	12170	.1	29	51	56430	2580	19	18370	1052	1	480	48	1370	39	1	7	1	1	123.2	161	1	1	1	50	5
H LG M 109	1.2	22960	2	4	57	.5	7	12350	.1	25	44	49550	5940	17	17150	797	1	1030	45	1920	40	1	9	1	1	118.9	144	1	1	1	50	5
H LG M 110	1.4	21900	1	3	44	.4	7	11890	.1	25	37	50790	3480	17	18140	723	1	510	46	1350	32	1	6	1	1	116.4	134	1	3	1	49	5
H LG M 111	.3	4900	5	1	11	.1	1	12560	3.5	4	17	7110	9860	2	3640	196	1	1660	11	1970	29	1	5	1	1	25.0	76	1	5	1	20	5
H LG M 112	1.7	28850	1	7	64	.4	9	12640	.1	35	52	63620	1140	21	23160	1059	1	810	79	1080	37	1	6	1	1	142.4	237	1	1	1	86	5
H LG M 113	1.6	29450	1	8	62	.6	9	13130	.1	36	54	65320	1140	22	24010	1180	1	810	79	1110	36	1	5	1	1	147.2	236	1	1	1	88	5
H LG M 114	1.7	30840	1	8	64	.4	9	14030	.1	36	54	66850	1140	22	24540	1154	1	900	80	1140	28	1	5	1	1	153.1	234	1	1	2	90	5
N LG M 096	.1	15860	1	2	211	1.1	2	5760	14.9	17	53	33240	2810	27	6120	1007	9	200	116	1130	36	1	26	1	1	51.8	1055	1	1	1	15	5
N LG M 099	.4	14050	1	3	201	1.5	2	13280	17.8	10	42	21360	2860	22	4840	849	4	800	99	1830	36	1	109	1	1	30.0	558	1	1	1	12	5
N LG M 100	.4	21530	1	3	122	1.3	3	6250	9.6	14	37	34380	2870	44	7700	720	4	530	114	1170	36	1	21	1	1	57.6	749	1	1	1	18	10
N LG M 102	.8	21780	1	1	112	1.3	5	6330	14.4	12	35	34670	1880	48	7550	520	4	600	114	1180	35	1	18	1	1	57.7	875	1	1	1	18	5
H BC M 001	.9	20730	81	4	73	.8	6	13790	1.5	16	24	46940	1040	11	5350	1682	3	660	16	1150	33	1	6	1	1	93.2	136	1	1	1	19	5
H BC M 002	.7	19570	176	3	69	.7	6	13380	2.1	20	27	44730	2190	12	5800	1961	3	520	21	1300	31	3	6	1	1	94.6	152	1	1	1	18	5
H BC M 003	.8	17600	21	4	245	.6	4	11850	.1	18	43	42000	1220	17	9420	1181	2	940	34	1280	35	1	7	1	1	82.1	198	1	1	1	27	5
H BC M 004	.8	22790	46	4	78	.9	5	15990	1.5	13	30	30870	1350	13	4880	1645	2	720	20	1590	30	1	8	1	1	62.6	139	1	1	1	19	5
H BC M 007	.8	21820	69	3	83	.8	7	11980	.1	30	32	56430	910	15	9590	1777	2	1000	25	1010	38	1	6	1	1	130.3	169	1	1	1	23	5
H BC M 008	.5	18340	30	2	68	.6	5	11990	.7	17	29	38420	1250	14	7310	1239	2	240	23	1160	30	1	6	1	1	87.6	133	1	1	1	24	10
H BC M 009 100	.6	18280	20	2	64	.5	5	11790	.2	17	28	38370	770	16	10180	1081	1	280	31	950	24	1	5	1	1	91.0	128	1	1	1	32	10
H BC M 010	.9	20400	51	5	54	.5	6	14910	.1	19	39	38040	770	17	10890	879	2	330	46	1040	31	1	5	1	1	91.1	117	1	1	1	46	5
H BC M 011	.9	19090	35	4	78	.7	5	14650	1.0	17	33	36740	1090	13	7630	1468	2	640	28	1310	29	1	7	1	1	83.9	136	1	1	1	29	5
H BC M 012	1.3	21980	32	4	64	.5	6	13800	.1	20	34	42700	1100	20	11780	1020	2	370	41	1100	31	1	6	1	1	100.5	146	1	1	1	42	5
H BC M 013	1.3	18480	20	2	74	.5	6	11590	.1	18	27	38920	1240	18	11970	836	1	320	58	1000	26	1	5	1	1	92.4	132	1	1	1	39	5
H BC M 014	1.1	20860	17	3	73	.4	7	12150	.1	19	31	42680	900	21	13530	834	1	370	37	1000	26	1	6	1	1	103.0	132	1	1	1	41	5
H BC M 015	.8	23220	12	1	94	1.0	6	10460	.1	17	30	39450	670	21	9030	1067	2	330	30	960	30	1	6	1	1	93.8	137	1	1	1	37	5
H BC M 016	.2	12270	40	3	176	.8	2	9480	8.6	16	54	37030	1340	12	5830	953	3	170	31	1210	34	1	9	1	1	58.4	518	1	1	1	12	10
H LG M 047	.5	13450	1	24	198	1.0	3	15610	6.0	22	48	25830	1760	34	6870	1576	2	500	104	1620	39	1	128	1	1	31.3	422	1	3	1	27	5
H LG M 048	.2	8000	1	42	197	.8	2	19000	7.6	9	44	16570	2510	17	4340	1577	1	410	101	2000	30	1	156	1	1	15.9	447	1	4	1	16	5
[redacted]	1.0	22550	71	8	71	.6	6	17000	.4	21	50	41090	1300	19	10760	1296	3	370	52	1080	37	1	7	1	1	96.4	133	1	1	1	51	5
	1.3	24190	1	4	166	.9	7	9810	2.8	21	43	46760	840	17	7810	1394	2	260	32	1230	36	2	10	1	1	96.0	281	1	1	1	22	5
	1.0	17980	1	7	139	.8	5	13550	6.0	15	40	34820	1220	13	6370	1039	2	220	28	1350	30	1	11	1	1	70.8	276	1	1	1	19	5
	1.4	21180	1	4	193	.7	7	11030	2.6	19	35	43340	790	19	9560	1006	2	290	36	1050	40	2	9	1	1	93.5	276	1	1	1	27	5
	1.4	22100	1	4	128	.7	6	11300	.7	19	35	43320	640	20	10200	873	2	280	35	1050	33	1	8	1	1	95.4	259	1	1	1	29	5
	2.6	32910	1	20	234	1.1	10	23490	10.5	28	70	59510	3440	15	13200	2016	2	600	47	2760	48	7	25	1	1	132.0	441	2	1	1	43	5
	2.5	29090	1	12	185	.9	9	19820	9.0	26	52	55350	2550	15	13400	1610	2	500	48	2030	50	7	18	1	1	120.4	415	2	1	1	41	5
	2.7	38040	1	39	212	1.1	11	23510	11.1	30	72	66290	2730	15	13640	2074	2	680	49	2830	54	9	25	1	1	146.5	469	2	1	1	48	10
	2.6	32060	1	21	201	.9	9	27680	10.4	27	64	58970	3210	14	13710	1917	2	610	49	2610	47	7	24	1	1	129.1	454	2	1	1	43	5
	2.8	35860	1	30	233	1.2	10	43770	15.2	29	83	62040	3690	14	13150	2117	2	650	47	3020	50	8	26	1	1	133.1	511	1	1	1	44	5
	2.6	32860	1	18	183	.8	10	23050	8.6	26	59	59540	2290	14	13150	1699	1	580	44	2220	39	5	23	1	1	132.8	436	2	1	1	40	5
	3.1	39430	1	51	254	1.1	11	53630	14.2	32	101	65190	2910	15	13440	2341	3	750	52	3390	53	11	37	1	1	150.4	517	2	1	1	47	5
	1.9	19300	1	8	88	.4	7	15650	3.4	16	35	39160	1060	14	8870	1011	2	360	27	1260	34	1	13	1	1	86.8	268	1	1	1	26	5
	3.5	40220	1	22	213	1.0	12	49780	12.4	34	99	67090	2460	14	14300	2419	2	640	57	3280	53	12	32	1	1	148.3	546	2	1	1	47	5
	.4	12250	35	4	191	.9	3	7900	.3	18	84	49710	2380	15	6420	1269	2	220	16	1360	53	4	11	1	1	97.0	211	1	1	1	4	5
	2.1	25700	1	6	103	1.0	7	16000	3.9	18	46	44920	1270	18	7860	1198	4	350	43	1550	34	2	9	1	1	115.1	405	2	1	1	28	5
H CC M 112	1.9	28280	115	8	100	.7	9	10340	.1	28	43	52590	2020	20	15570	1033	1	840	42	1160	32	9	8	1	1	135.3	117	2	1	1	46	5
H BC M 017	.7	12080	1	10	132	.9	3	18320	6.4	13	45	20850	2200	22	4910	1644	2	180	109	1930	27	1	132	1	1	27.0	380	1	1	1	22	5
[redacted]	1.2	19160	24	5	46	.4	5	15020	.1	14	36	35190	1950	16	7620	735	2	270	27	1640	30	1	8	1	1	112.8	154	1	1	1	31	5
	1.5	17720	2	9	61	.6	5	18590	4.4	13	39	30560	1760	15	6070	1229	4	270	35	1430	32	1	9	1	1	86.5	317	1	1	1	31	5
	1.7	25120	1	5	97	.7	7	14830	2.8	17	39	41990	1020	18	7600	1240	4	290	40	1380	39	2	8	1	1	105.3	376	1	1	1	27	5
	1.2	17840	29	6	112	.8	4	9310	7.9	16	129	36210	4130	27	8260	781	3	280	52	1210	50	2	19	1	1	80.7	645	2	3	1	17	5

COMP: INTERNATIONAL KODIAK
PROJ: UNUK
ATTN: G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 90-0161-PJ
DATE: 90/07/2
• PULP • (ACT:F31

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB
[redacted]	3.6	36850	1	4	21	.1	13	37100	.1	29	59	54160	370	10	19110	624	1	2400	34	670	40	1	1	1	1	126.3	51	2	1	1	23	5
	2.9	36800	1	2	6	.1	10	56250	.1	22	41	44530	110	5	6960	268	1	210	22	400	35	1	1	1	1	77.8	83	2	1	1	35	5
	2.0	12180	29	1	31	.2	7	10330	.1	9	44	44810	670	6	5840	288	5	450	1	2930	35	1	4	1	1	267.8	155	1	1	1	45	5
	4.8	39020	1	4	51	.1	20	21580	.1	44	61	86280	710	14	31170	1124	1	2210	51	930	35	1	4	1	1	246.4	184	1	1	2	100	5
H-LG-R 041	3.6	30140	1	4	31	.1	15	23710	.1	29	44	64300	570	9	16280	775	1	270	14	760	34	1	1	1	1	178.7	71	2	1	1	12	5
H-LG-R 042	2.3	34280	1	3	13	.1	8	43060	.1	24	45	39540	240	18	22930	540	1	890	65	590	35	1	1	1	1	77.8	47	2	1	1	72	5
H-LG-R 043	2.5	28210	1	2	102	.2	12	19560	.1	32	56	61840	840	18	36960	1023	1	350	65	770	32	1	1	1	1	167.9	62	1	1	2	121	10
H-LG-R 044	3.9	37760	1	5	41	.1	15	50550	.1	37	51	66740	620	15	25490	833	1	3740	60	790	36	1	1	1	1	194.3	77	1	1	2	135	5
H-LG-R 045	4.0	22660	1	2	48	.1	17	21330	.1	31	33	67880	220	13	24640	677	7	750	43	630	25	1	1	1	1	219.8	76	1	1	2	151	5
H-LG-R 046	2.8	41590	18	1	5	.3	7	52820	.1	8	55	31130	110	3	4060	132	10	1010	9	710	38	7	1	1	1	388.1	91	1	1	2	50	5
H-LG-R 049	3.7	39190	1	1	18	.1	15	20040	.1	31	50	58660	720	10	26780	596	1	3220	52	990	36	1	11	1	1	145.3	59	1	1	2	99	5
[redacted]	1.9	8900	29	1	358	.1	7	6190	.1	7	1003	23500	680	3	7670	463	2	390	4	760	46	1	7	1	1	36.7	54	2	1	2	170	5
	11.1	1840	32	1	184	.3	6	1860	70.8	6	2057	34880	180	1	1110	52	4	150	1	120	7611	8	8	1	1	16.9	8994	1	1	1	134	95
	2.9	16300	12	2	47	.7	5	2580	79.9	33	1240	69740	180	4	20700	1153	17	30	2	340	2577	6	6	1	1	81.3	9545	2	1	1	141	65
	1.7	37160	1	1	59	.6	11	8340	.1	22	49	60130	1340	10	42120	2702	1	370	1	1210	122	2	13	1	1	71.9	382	1	1	1	49	5
	2.3	33200	1	27	92	.8	8	5770	.1	14	263	58360	800	8	39270	3543	1	230	3	1370	1300	4	12	1	1	129.1	710	2	1	1	54	10
	2.0	7300	53	22	241	.4	3	1960	18.4	10	291	39160	520	2	8850	733	5	130	7	340	1605	1	5	1	1	40.6	2166	2	1	2	265	5
	2.9	15660	25	28	116	.6	5	2140	1.1	10	351	32050	340	4	24170	2316	3	160	16	370	934	1	5	1	1	76.4	594	2	2	2	151	5
H-CC-R 113	.8	15770	82	19	169	1.1	3	57580	.1	43	47	68950	6040	12	29580	1269	1	150	53	980	62	28	9	1	1	95.5	64	2	1	1	93	5
H-CC-R 114	.9	26690	26	27	26	.9	3	51570	.1	31	35	63970	2190	31	26400	951	1	160	53	790	53	25	1	1	1	131.5	61	2	1	1	85	5
H-CC-R 116	2.3	12450	28	1	49	.5	8	10450	.1	11	27	34160	810	6	5700	302	8	810	19	2580	46	1	7	1	1	115.5	121	2	1	2	159	5

COMP: INTERNATIONAL KODIAK
PROJ: UNUK
ATTN: G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0153-RJ4
DATE: 90/07/24
• ROCK • (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB
H TT R 070	.1	14700	1	2	252	1.0	1	4450	.8	8	35	22680	3580	27	6650	154	4	830	47	680	46	1	20	1	1	45.2	209	1	1	1	74	10
H TT R 071	.1	16940	2	2	261	1.4	1	2380	.1	9	51	26590	4400	25	6920	78	2	510	54	520	44	1	12	1	1	40.6	75	1	1	1	53	5
H TT R 072	.1	20230	6	3	378	1.2	1	1900	.1	8	37	26270	5040	33	9650	129	2	700	52	510	47	1	8	1	1	48.6	50	2	1	2	79	5

COMP: INTERNATIONAL KODIAK
PROJ: UNUK
ATTN: G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0162-SJ1+2
DATE: 90/07/25
* SILT * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB
H GB S 037	1.9	36780	1	2	72	.3	9	15770	.1	38	48	79590	1290	18	33590	1222	1	940	66	2650	34	1	11	1	1	161.0	215	1	1	1	58	5
H GB S 038	2.0	37260	1	1	72	.4	9	18160	.1	37	50	83370	1360	20	32350	1200	1	890	67	4130	31	1	14	1	1	187.5	237	1	1	1	61	10
H GB S 039	2.1	37340	1	1	66	.4	9	18020	.1	38	46	81710	1020	17	36420	1222	1	750	76	3370	28	1	14	1	1	173.9	220	1	1	1	64	5
H GB S 040	1.8	26610	1	1	75	.9	8	14690	.3	19	38	46000	1070	14	11040	1148	1	680	27	1250	36	1	10	1	1	107.6	249	2	1	1	39	5
H GB S 041	2.5	41100	1	5	84	.5	11	17790	.1	41	62	79130	2220	24	31380	1311	1	1230	98	1270	36	2	8	1	1	192.3	286	1	1	2	120	5
[redacted]	.5	25290	7	1	247	1.5	3	4940	10.4	18	59	39350	4170	32	8020	1075	10	360	118	950	42	2	23	1	1	86.5	1017	2	1	1	27	10
	.5	20310	13	1	126	1.4	3	3620	4.0	10	27	30730	1900	39	6550	477	4	480	97	580	36	1	10	1	1	56.8	696	2	1	1	20	5
H BC S 005	.9	28520	29	1	95	1.2	6	10800	.1	19	38	43520	1340	20	9230	1517	2	1420	32	790	45	1	7	1	1	93.4	181	2	1	1	30	5
[redacted]	1.0	23190	51	1	96	.7	6	10650	.1	22	32	52810	1200	13	10230	1182	2	1250	29	640	48	1	5	1	1	137.8	165	1	1	1	28	5
	.4	21490	1	1	118	.9	5	8460	1.5	18	31	39930	1790	15	9430	2269	2	1150	41	940	46	1	9	1	1	89.4	187	1	1	1	27	10
H DS S 016	2.6	37760	1	1	87	1.4	10	7480	.1	14	26	31760	1470	7	4790	209	1	1980	13	1810	29	1	19	1	1	112.1	100	1	1	1	18	5
H DS S 017	.5	26690	1	1	144	1.5	6	9810	1.2	21	31	51880	1660	13	6830	2915	3	1040	29	1500	42	1	12	1	1	99.9	233	1	1	1	17	5
H DS S 018	.8	26930	1	1	119	1.3	6	7950	.1	17	26	46250	1680	18	8830	1456	2	1120	35	1120	42	1	10	1	1	96.4	225	1	1	1	22	10
H DS S 019	.8	27180	1	1	118	1.4	6	9230	.1	17	29	43870	1740	16	8400	1396	1	1070	31	1400	38	1	12	1	1	93.8	251	1	1	1	23	5
H DS S 020	.8	27560	1	1	125	1.2	6	11530	.1	20	33	46750	1670	18	10160	1722	1	1020	39	1310	42	1	11	1	1	99.1	277	1	1	1	27	5
H DS S 021	1.5	28610	1	1	113	.7	8	16560	.1	26	38	59490	1240	18	15980	1389	1	1620	39	1500	47	1	15	1	1	117.8	222	1	1	1	29	10
H DS S 022	3.4	20330	1	1	98	.1	14	8050	.1	19	46	57740	1310	7	4640	592	1	2470	7	1180	47	1	8	1	1	156.5	118	1	1	1	18	5
H DS S 023	2.3	36070	1	1	154	2.0	11	7470	.1	32	28	49930	1360	11	6590	2194	1	1650	27	1310	51	1	19	1	1	98.0	151	1	1	1	14	5
H DS S 024	1.0	25150	9	1	139	1.0	6	9970	2.9	22	40	52840	2130	14	9790	2223	3	1440	44	1390	58	6	12	1	1	109.5	358	1	1	1	28	5
H DS S 025	.7	23750	11	1	134	1.3	5	11090	3.8	20	40	51950	2130	12	7860	2486	3	1130	35	1580	55	6	14	1	1	100.2	362	1	1	1	22	5
H DS S 026	.9	23730	1	1	114	1.0	5	7580	.1	16	26	40100	1590	16	9530	933	2	1090	31	1110	37	1	11	1	1	86.5	153	2	1	1	26	10
H DS S 027	1.2	36160	1	3	197	1.6	5	21540	14.4	27	54	61260	3870	12	13850	2271	2	1200	54	2210	75	1	25	1	1	147.2	540	1	1	1	44	5
H DS S 028	1.0	33920	1	1	145	1.0	6	9770	.1	22	46	52210	2280	21	11470	2051	2	1080	47	1040	56	1	9	1	1	120.8	207	1	1	1	36	5
H DS S 029	1.2	22040	13	1	98	.9	5	15650	5.2	18	31	41990	1480	7	10860	1380	2	1350	39	1430	48	4	14	1	1	92.2	323	2	1	1	28	10
H DS S 030	1.2	23540	29	1	127	1.2	6	11110	3.1	22	49	54430	1460	9	10050	1864	3	1540	40	1350	65	4	12	1	1	109.6	423	2	1	1	31	5
H DS S 031	1.5	29410	1	1	103	.9	6	15530	1.2	24	39	53540	1650	15	15240	1231	1	1260	41	1120	46	5	10	1	1	126.8	353	2	1	1	40	5
H DS S 032	1.8	30880	1	1	103	.8	8	16490	.1	25	38	55760	1510	17	17250	1201	1	1640	44	1120	53	4	11	1	1	130.3	335	2	1	1	42	5
H DS S 033	1.6	29320	2	1	96	.8	7	15210	.7	23	43	54220	1700	16	15620	1220	1	1210	39	1220	42	3	11	1	1	135.4	343	2	1	1	43	5
H DS S 034	1.6	28300	1	1	90	.6	8	15920	.1	23	39	52180	1560	17	16080	1124	1	1090	43	1050	39	1	9	1	1	132.1	319	2	1	1	44	10
H DS S 035	1.1	20500	1	1	83	.6	5	15710	5.0	18	41	38460	880	8	8530	1191	1	760	29	1260	39	1	11	1	1	87.9	276	1	1	1	26	5
[redacted]	.7	23330	1	1	76	.3	6	14230	3.4	19	34	43570	1100	15	13090	917	1	510	36	930	29	1	6	1	1	111.3	295	1	1	1	34	5
	1.0	20310	1	1	80	.5	5	18230	4.6	17	43	35390	970	7	9510	941	1	460	32	1270	35	1	12	1	1	85.6	299	1	1	1	28	5
	1.4	23350	1	1	90	.4	6	18180	4.6	20	41	42660	1280	8	12540	1193	1	520	40	1310	33	1	12	1	1	106.0	308	1	1	1	35	10
	1.5	29020	1	1	98	.6	7	14750	.7	22	39	52020	1320	17	13850	1010	1	600	37	990	30	1	9	1	1	129.8	334	1	1	1	39	5
	1.2	42680	1	11	201	1.2	6	41400	10.0	30	87	64600	3180	12	15230	2058	1	840	56	1980	47	1	21	1	1	166.2	536	1	1	1	52	5
A MB S 068	2.5	36480	1	15	94	1.2	7	57720	.1	19	105	51600	5640	12	8610	2203	4	690	55	4900	53	2	37	1	1	234.2	237	2	1	2	97	5
A MB S 069	.1	13430	22	1	163	.8	2	7900	2.2	13	34	30970	1830	15	7560	1043	5	210	34	640	35	1	6	1	1	89.2	430	1	1	1	25	10
A MB S 070	.9	24040	1	1	177	.5	5	13700	.1	17	58	47210	1440	18	16980	720	1	290	23	1280	35	1	7	1	1	103.1	153	2	1	1	27	5
[redacted]	1.2	31130	25	1	83	.6	6	12260	.1	27	34	64030	1500	18	23640	675	1	540	62	1350	35	1	5	1	1	139.8	206	1	1	1	60	10
A CC D 117	.1	11620	42	1	240	1.5	1	2300	.1	44	43	52870	2910	1	2460	1844	1	90	43	670	34	2	3	1	1	90.5	77	1	1	1	28	5
[redacted]	1.1	25320	1	1	91	.4	6	12690	.1	19	35	44500	1430	25	11630	1151	2	550	41	710	37	1	6	1	1	126.3	342	1	1	1	35	5
A CC S 115	1.7	32020	1	1	78	.8	8	9330	.1	28	41	56750	1570	14	16210	1077	1	1020	43	1050	37	1	9	1	1	132.7	174	1	1	1	46	5
[redacted]	2.0	35530	1	1	74	.3	9	16350	.1	36	55	69190	1770	20	27130	1109	1	1040	87	1100	32	1	5	1	1	171.7	233	1	1	1	105	10

COMP: INTERNATIONAL KODIAK
PROJ: UNUK
ATTN: G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1032-BJ
DATE: 90/08/1
• MOSS • (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB
H-LG-M-116	.8	20780	1	6	110	.3	8	10370	.1	18	59	45680	3730	17	11810	939	1	300	24	1720	21	1	3	1	1	91.3	269	1	1	1	10	5
H-LG-M-122	.5	23260	1	5	279	.6	6	8640	.1	21	79	48640	1850	23	14730	1214	1	170	19	1420	17	1	7	1	1	90.0	134	1	1	1	1	10
H-GB-M-041 (042)	2.6	35290	1	9	46	.1	19	19680	.1	38	47	72760	1040	23	25970	1009	1	720	59	920	6	1	1	1	1	166.8	121	1	1	3	69	5
H-GB-M-043	1.5	24970	1	6	197	.1	13	14040	.1	27	58	55030	1730	17	15540	1032	1	450	31	1260	14	1	2	1	1	123.2	175	1	1	1	25	10
H-GB-M-044	1.6	23650	1	8	181	.1	11	16360	.1	25	59	52780	6110	15	15750	994	1	2130	41	2200	27	1	4	1	1	110.1	200	1	1	1	37	5
H-CD-M-054	1.4	28950	18	7	132	.5	11	10780	.1	26	62	52440	1620	21	17230	987	1	670	44	1390	18	1	8	1	1	124.1	142	1	1	2	37	5
H-LG-M-146	.2	13280	1	10	37	.1	2	16280	.1	11	30	20830	3980	6	8420	531	1	2040	18	2330	30	1	8	1	1	46.0	59	1	1	1	14	10
H-LG-M-148	1.4	32810	1	11	81	.1	13	15170	.1	34	49	65290	1370	25	24950	1018	1	570	49	950	11	1	3	1	1	145.0	115	1	1	2	48	10
H-LG-M-149	2.2	36260	1	17	71	.1	17	18250	.1	40	46	73760	1470	28	28980	940	1	640	56	940	6	1	1	1	1	167.0	134	1	1	3	67	5
H-LG-M-150	1.1	26120	1	21	109	.4	8	11070	.1	25	48	50870	1460	22	17340	917	1	470	48	1060	14	1	4	1	1	118.6	156	1	1	1	30	5

COMP: INTERNATIONAL KODIAK
PROJ: UNUK
ATTN: G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: OV-1032-LJ1
DATE: 90/08/13
* SILT * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB
H-LG-S-117	2.2	20720	1	5	239	1.1	7	10650	.1	21	66	52250	1820	17	12620	1069	1	350	26	1650	34	6	11	2	1	93.5	223	1	1	1	11	5
H-LG-S-118	1.5	23130	1	7	211	.4	8	12100	.1	23	63	53860	1990	18	13860	1055	1	340	26	1520	20	1	5	1	1	106.2	194	1	1	1	14	5
H-LG-S-119	1.3	25900	1	7	251	.5	9	12280	.1	24	67	57790	2950	17	14590	1185	1	340	27	1670	16	1	5	1	1	116.9	213	1	1	1	13	5
H-LG-S-120	1.2	24570	1	9	194	.1	9	12280	.1	24	63	56830	1960	19	14980	1098	1	320	25	1560	14	1	3	1	1	112.1	184	1	1	1	14	5
H-LG-S-121	1.0	25470	1	11	217	.2	9	12180	.1	23	63	55340	2720	18	14310	1137	1	340	24	1530	8	1	3	1	1	114.4	192	1	1	1	14	5
H-LG-S-123	.8	23640	1	11	198	.2	8	10450	.1	22	68	52840	1560	21	14810	1094	1	220	24	1430	11	1	4	1	1	101.8	163	1	1	1	8	10
H-LG-S-124	1.4	25550	1	15	244	.1	11	12840	.1	24	59	56700	2310	20	14500	990	1	380	29	1380	10	1	4	1	1	128.9	307	1	1	1	26	5
[redacted]	.9	22690	1	11	403	.4	10	9950	.1	27	139	55430	1300	8	14490	1151	1	330	13	1120	20	1	18	1	1	90.0	188	1	1	1	1	5
	1.1	30310	1	11	149	.1	10	15960	.1	25	64	60620	1480	13	18510	1542	1	940	23	990	22	1	13	1	1	84.8	128	1	1	1	1	5
H-GB-S-045	1.4	25190	1	15	229	.3	10	13270	.1	26	61	59900	2240	15	14460	1270	1	360	34	1540	12	1	4	1	1	117.1	298	1	1	1	19	5
H-GB-S-046	1.6	26720	1	13	207	.1	12	14510	.1	29	62	61980	2120	15	15510	1372	1	390	44	1460	14	1	4	1	1	128.5	297	1	1	1	26	5
H-GB-S-047	2.2	32160	1	14	123	.1	17	17040	.1	32	56	65180	1920	18	19150	1057	1	490	46	1460	7	1	5	1	1	168.5	236	1	1	3	72	5
H-CD-S-053	1.5	32950	1	11	107	.8	13	7790	.1	24	40	53390	1580	20	12230	530	1	750	34	1770	6	1	6	1	1	134.4	219	1	1	1	24	5
H-CD-S-055	1.0	24300	1	15	80	.6	8	12820	.1	16	28	34670	1690	14	9890	394	1	850	25	2190	10	32	13	1	1	89.6	91	1	1	1	42	5
H-CD-S-056	1.9	42120	1	15	135	.2	16	14850	.1	42	57	79590	1730	20	23920	1494	1	860	56	1200	6	1	10	1	1	188.6	248	1	1	1	35	5
H-LG-S-147	1.8	37780	1	16	99	.1	15	17030	.1	39	61	72390	1510	26	27570	1074	1	680	53	920	6	1	2	1	1	167.3	129	1	1	1	60	5

COMP: INTERNATIONAL KODIAK
PROJ: UNUK
ATTN: G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: OV-1259-MJ
DATE: 90/09/0
* MOSS * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB	HG PPB
H-BC-M-126	1.5	27920	27	11	54	.1	5	14070	.1	31	68	65890	1540	26	22640	872	1	460	49	2580	20	1	5	1	1	134.4	214	1	2	2	51	5	170
H-BC-M-127	1.8	31260	1	7	54	.1	6	14890	.1	31	42	68370	1820	27	26450	836	1	550	56	1720	12	1	1	1	1	149.1	186	1	2	2	64	5	130
H-BC-M-128	1.6	26420	14	12	72	.1	6	13830	.1	28	41	59940	1890	23	20470	812	1	480	49	2190	13	1	4	1	1	135.6	198	1	1	1	49	5	140
H-BC-M-129	2.2	38330	1	11	60	.1	8	16260	.1	38	51	78470	2700	31	31940	994	1	630	69	1120	12	1	2	1	1	161.3	187	2	5	3	79	5	135
H-BC-M-130	2.3	39220	1	9	61	.1	7	16700	.1	38	46	77280	1460	31	33770	1047	1	580	70	850	12	1	1	1	1	161.5	148	1	2	3	89	5	115

COMP: INTERNATIONAL KODIAK
PROJ: UNUK
ATTN: G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1259-LJ1
DATE: 90/09/06
* SILT * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB	HG PPB
[redacted]	2.4	20470	21	20	45	.5	5	19100	.1	21	71	43590	560	32	19890	1325	1	240	19	970	42	3	10	1	1	127.8	116	1	1	1	13	5	120
	1.2	13120	23	6	88	1.0	2	10910	.4	18	54	45410	870	12	9110	1046	1	180	1	1410	33	1	9	1	1	80.3	86	1	1	1	1	5	85
	1.3	19940	4	7	191	.8	3	7650	.1	19	78	52110	2050	19	10910	1133	1	730	16	1580	200	1	15	1	1	107.1	465	1	1	1	5	5	180
	.1	19780	22	5	127	.8	1	5120	.2	23	98	55020	1300	21	13300	1920	1	520	16	1270	42	1	11	1	1	127.7	140	1	1	1	1	5	180
H-BC-S-123	1.3	25600	13	6	94	.4	4	12220	.9	28	53	54890	1130	23	16930	1142	1	370	55	2110	21	1	6	1	1	119.4	260	1	1	1	37	10	260
H-BC-S-124	1.5	28100	8	7	89	.2	5	14060	.1	30	56	62360	1240	24	18930	1106	1	410	53	2700	18	1	7	1	1	141.6	268	1	1	2	43	5	340
H-BC-S-125	1.8	28960	8	10	85	.1	5	14550	.1	32	56	63930	1400	24	19290	1109	1	440	54	2510	17	1	7	1	1	148.0	261	1	1	1	46	10	330
H-BC-S-131	2.1	39020	1	9	74	.1	6	15900	.1	40	55	76100	800	31	29800	1263	1	560	72	800	9	1	6	1	1	152.2	150	1	1	2	71	5	155
H-BC-S-132	2.0	37880	1	9	67	.1	7	14810	.1	41	53	75800	620	30	29990	1275	1	490	75	770	11	1	7	1	1	147.6	147	1	1	2	71	5	105
H-BC-S-133	2.2	41580	1	8	64	.1	7	16060	.1	44	57	77770	670	31	31620	1478	1	420	81	820	8	1	4	1	1	157.8	144	1	2	3	78	5	150

COMP: INTERNATIONAL KODIAK
PROJ: UNUK
ATTN: MIKE BROWN

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0565-RJ?
DATE: 90/09/3(
• ROCK • (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB	HG PPB
H-CC-R-320	4.0	50830	1	14	11	.1	11	47980	.1	31	51	52380	100	5	16090	550	1	330	57	800	15	1	1	1	1	137.5	52	3	1	2	79	5	55
H-CC-R-321	4.3	26540	1	7	26	.1	11	61960	.1	28	42	46220	620	9	15480	1177	1	2500	37	1000	12	1	1	1	1	148.0	54	2	1	2	33	5	40
H-CC-R-322	.9	24510	1	15	57	1.7	3	39550	.1	32	41	59880	2460	48	25240	1177	1	300	54	990	15	17	1	1	1	157.0	93	1	3	2	104	5	170

COMP: INTERNATIONAL KODIAK
PROJ: UNUK
ATTN: G.NICHOLSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 90-0160-RJ1+2
DATE: 90/07/27
* MOSS * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB
H-BC-R-134	.5	9040	279	5	19	.1	1	37500	1.8	35	33	40750	520	7	13770	1050	1	50	78	830	17	12	1	1	1	138.7	30	1	1	3	105	5	6750
H-SM-R-67	2.8	35950	1	7	20	.1	9	25490	.1	37	48	57610	210	10	21970	608	1	4080	71	790	8	1	8	1	1	133.1	72	1	5	4	124	5	95
H-SM-R-68	3.2	39870	1	8	22	.1	10	21440	.1	42	56	66800	290	13	21350	450	1	4010	66	990	8	1	9	1	1	149.0	81	1	1	3	86	5	110
H-SM-R-69	.7	12450	70	7	11	.1	1	36960	.1	35	45	57920	390	9	15880	1202	1	130	48	1070	13	1	1	1	1	203.0	42	1	2	4	108	5	355
H-SM-R-70	4.1	24520	1	7	12	.1	11	30490	.1	41	51	61050	200	12	24400	685	1	910	70	870	8	1	1	1	1	132.1	71	1	1	5	125	5	95
H-SM-R-71	2.9	49610	68	7	4	.1	6	99470	.1	18	25	29010	70	4	7210	359	2	90	27	390	9	1	1	1	1	66.8	29	3	1	1	85	5	70

K-7 MR

HR 6

APPENDIX IV

SAMPLE DESCRIPTIONS

ROCK SAMPLE DESCRIPTION RECORD

Page:		Project: ISK-BELL (H)	Location:		Operator: KODIAK			
Sample No.	Location	Description	Analytical Results					
			Au ppb	Ag	Pb	Zn	Other	
HLGR023	BELL 14 CLAIM	WELL BEDDED MEDIUM GRAINED WACKES WITH SOME SILTSTONE INTERBEDS ADJACENT TO QUARTZ VN.	0	0.7	18	613?		
HLGR024	SOUTH ISK 1 CLAIM	DARK GREY ARGILLITE	0.0	0.1	19	123		
HLGR025	"	THINLY LAMINATED SILTSTONE WITH THIN QUARTZ STRINGERS AND THIN PYRITE STRINGERS.	0.0	0.1	10	65		
HLGR026	"	SLIGHTLY VESICULAR BASALT SHOT THROUGH WITH QUARTZ FRACTURE FILLS.	0.0	0.1	2	89		
HLGR027	ISK 4 CLAIM	SILICIFIED BASALT WITH VERY FINE SULPHIDE STRINGERS.	0.0	0.1	2	70		
HLGR029	"	BASALT WITH 1mm MASSES OF PYRITE (VESICLE OR REPLACEMENT)	0.0	0.1	3	79		
HLGR029	"	GREENISH-BLACK BASALT BRECCIA CHLORITIZED. NO VISIBLE SULPHIDES	0.0	0.2	5	91		
HLGR030	ISK 1 - ISK 4 AREA	SULPHIDE (PYRITE) - HOSTING CHERTY MUDSTONE	0.0	0.1	7	365		

ROCK SAMPLE DESCRIPTION RECORD

Page:		Project: ISK BELL (N)	Location:					Operator: KODIAK
Sample No.	Location	Description	Analytical Results ppm					
			Au ppb	Ag	Pb	Zn	Other	
HLGR031	ISK 1 - ISK 4 AREA	QUARTZ - CARBONATE (SIDERITE?) VEIN WITH PYRITE, POSSIBLE CHALCOPYRITE 3 cm THICK.	0	0.1	3	34		
HLGR032	"	ALTERED AND SHEARED BASALT WITH QUARTZ CARBONATE VEIN	0	0.1	4	97		
HLGR033	"	QUARTZ VEIN, SHEARED WITH A LITTLE SULPHIDES	0	0.1	3	43		
HLGR034	"	MINERALIZED (PY STRINGERS) IN ALTERED BASALT	0	0.1	2	104		
HLGR035	"	5m CHIP ACROSS SHEAR OF VERY RUSTY BASALT W/ PYRITE STRINGERS.	0	0.4	6	93		
HLGR036	"	MINERALIZED (PYRITE) VOLCANIC ADJACENT TO BIG QUARTZ VN	0	0.1	5	52		
HLGR037	"	SILICIFIED LAPILLI TUFF SHOT THRU WITH DISSEMINATED PYRITE	0	0.1	11	90		
HLGR038	"	SILICIFIED PYRITIC BRECCIA IN TUFFACEOUS VOLCANIC	0	0.1	16	94		

ROCK SAMPLE DESCRIPTION RECORD

Page:		Project: ISK-BELL (4).	Location:			Operator: KODIAK		
Sample No.	Location	Description	Analytical Results ppm					
			Au ppb	Ag	Pb	Zn	Other	
MLC R039	ISK1 - ISK4 AREA	RUSTY FELSIC VOLCANIC WITH PYRITIC STOCKWORK.	0	0.2	2	71		
MLC R040	"	SILTSTONE, RUSTY WEATHERING WITH DISS. PYRITE.	6	0.5	11	156		
MLC R041	"	BASALT WITH DISSEMINATED PYRITE (+ PYRRHOTITE?)	25	3.6	34	71		
MLC R042	"	FELSIC VOLCANIC WITH PYRITE STRINGERS. TUFF?	5	2.3	35	47		
MLC R043	"	PYRITIC SILICIFIED BASALT WITH SOME QUARTZ FRACTURES.	10	2.5	32	62		
MLC R044	"	BRECCIATED BASALT WITH QUARTZ AND PYRITE STRINGERS.	5	3.9	36	77		
MLC R045	"	DARK SILTSTONE WITH BLEBS AND FINE STRINGERS.	5	4.0	25	76		
MLC R046	"	RUSTY BASALT WITH FINE PYRITE STRINGERS.	5	2.8	38	91		

ROCK SAMPLE DESCRIPTION RECORD

Page:		Project: ISK-BELL (H)	Location:			Operator: KODIAK		
Sample No.	Location	Description	Analytical Results ppm					
			Au ppb	Ag	Pb	Zn	Other	
HLGR049		1-2M WEATHERING - BASALT.	5	3.7	36	59		
HLGR103	NORTH OF ISK-BELL PROPERTY	GREENISH TUFF W. TH PYRITE STRINGERS (NORTH OF PROPERTY)						
HLGR104	ISK 2 CLAIM	HEMATIZED AND SILICIFIED BASALT W. TH QUARTZ, CARBONATE AND PYRITE STRINGERS.						
HLGR132	ISK 1	BASALT COBBLE CONGLOMERATE IN FAULT ZONE (?)	5	4.0	7	57		
HLGR133	"	DARK SILTSTONE ARGILLITE BAND IN BASALTS.	5	2.3	14	294		
HLGR140	"	BASALT ADJACENT R133 ↑	5	3.3	7	310		
HLGR141	"	FELSIC TUFF WITH PYRITE AND QUARTZ STRINGERS	5	1.4	13	37		

ROCK SAMPLE DESCRIPTION RECORD

Page:		Project: ISK-BELL (11)	Location:			Operator: KODIAK		
Sample No.	Location	Description	Analytical Results ppm					
			Au ppb	Ag	Pb	Zn	Other	
11LGR142	ISK 1 CLAIM	LIGHT GREEN VOLCANIC WITH PYRITE STRINGERS, QUARTZ AND CARBONATE VEINS. AN INTERMEDIATE TUFF.	5	2.0	7	69		
11LGR143	"	RUSTY VOLCANIC (FELSIC) WITH QUARTZ-CARBONATE - PYRITE STRINGERS.	5	1.3	7	27		
11LGR144	"	PYRITE + PYRRHOTITE(?) IN THIN (1cm) STRATIFORM CONCENTRATION OF DISSEMINATED SULPHIDES.	10	1.4	9	62		
11LGR145	"	ARGILLITE AND INTERBEDDED TUFFACEOUS AND CHERTY BEDS AND FAULT BRECCIA.	5	0.1	15	66		
11LGR151	"	RUSTY BLACK LAMINATED ARGILLITE	5	1.0	21	137		
11LGR152	"	PYRITE-RICH SILTSTONE AND BEDDING-PARALLEL CONCENTRATIONS OF PYRITE IN SEDS.	5	2.6	11	137		

ROCK SAMPLE DESCRIPTION RECORD

Page:		Project: Isk - Bell	Location:	Operator: KODIAK

Sample No.	Location	Description	Analytical Results ppm				
			Au ppb	Ag	Pb	Zn	Other
HTTR 069	(Resample of 6) LGR023 BELL 14 Claim	Irregular quartz lenses within coarse grained marble. Lense width averages 20-30cm, concordant with bedding/foliation. Host weakly graphitic, blocky weathering, oriented 022/38W. No visible mineralization	5	0.6	25	7	
HTTR 070	"	Host rock to above lenses, weakly graphitic, well foliated, some rusty patches on fracture surfaces - no visible mineralization	10	0.1	46	209	
HTTR 071	"	Intensely foliated, rusty graphitic shales. Appear to lie within nose of overturned, horizontal axial plane fold. Minor disseminated py, minor quartz stringers.	5	0.1	44	75	
HTTR 072	"	Black argillites on S. side of creek. Appear to be offset from N. side rocks. No apparent mineralization. Bedding orientation 002/44W.	5	0.1	47	50	

ROCK SAMPLE DESCRIPTION RECORD

Page:		Project: ISK - BELL (H)	Location:			Operator: KODIAK		
Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
HSMR 67	NORTH SIDE ISK 1 CLAIM	BLEBS OF PYRITE IN PILLOW BASALT	5	2.8	1	72		
HSM R 68	"	FINE BLEBS AND STRINGERS OF PYRITE IN A BRECCIATED AND SILICIFIED BASALT	5	3.2	1	81		
HSM R 69	"	QUARTZ AND CARBONATE ALTERED BASALT, IRON STAINED	5	0.7	1	42		
HSM R 70	"	BRECCIATED PILLOW BASALT WITH BLEBS AND STRINGERS OF PYRITE, CHALCOPYRITE? SILICIFIED	5	4.1	1	71		
HSMR 71	"	QUARTZ VEIN WITH TRACE DISSEMINATED PYRITE	5	2.9	1	29		

ROCK SAMPLE DESCRIPTION RECORD

Page:		Project: ISK - BELL	Location:			Operator: KODIAK		
Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
HccR-113	WEST SIDE ISK 4 CLAIM	Pale grey siliceous volcanic, wispy stringers of clear transparent qtz (1mm). py in larger breccia quartz veinlets.	5	0.8	62	64		
HccR-114	"	Argillite - angular quartz breccia fragments in qtz sweats. py, trace - 1% in drusy vein texture.	5	0.9	53	61		
HccR-116	"	Carbonate altered fg. andesite tuff - small circular frags. of pale green chert. carbonate stringers with wisps of fg. py, trace.	5	2.3	46	121		

ROCK SAMPLE DESCRIPTION RECORD

Page:		Project: ISK-BELL	Location:			Operator: KODIAK.		
Sample No.	Location	Description	Analytical Results					
			Au	Ag	Pb	Zn	Other	
HccR-320	CENTRAL ISK 4 CLAIM	Grab - Basalt fine grained, vesicular, trace pyrite.	5	4.0	15	52		
HccR-321		Light grey lapilli tuff - flow textures obvious, mafic clasts (3-4 mm), very siliceous, py < 1%.	5	4.3	12	54		
HccR-322		Felsic tuff - Orange weathering. light colored on fresh surfaces. trace py in stringers and in blebs.	5	0.9	15	93		

ICEFIELD

ISK 2

ISK 1

ISK 4

BELL 13

BELL 14

ISKUT RIVER

UGLY CK.

LCP

LEGEND

○ SILT, MOSS

△ ROCK

○ 50, 36, 59, 1, 18
Cu Pb Zn Sb Ba ppm
Sample location

ND No Data

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,573

METERS
0 100 200 300 400

ELEVEN BUSINESS ACQUISITIONS, INC.
OMEGA GOLD CORPORATION ECSTALL MINING CORPORATION
ISK BELL CLAIM BLOCK GEOCHEM: Cu; Pb; Zn; Sb; Ba LIARD MINING DIVISION, B.C.
INTERNATIONAL KODIAK RESOURCES INC.
DRAWN: DATE: NOV., 1990 FIGURE: 8 SCALE: 1:10,000 N.T.S. 104B/15E

ICEFIELD

ISK 2

ISK 1

ISK 4

BELL 13

BELL 14

ISKUT RIVER

UGLY CK.

LCP

LEGEND

O SILT, MOSS

△ ROCK

O 10, 3.6, 1
Au Ag As
ppb ppm ppm
Sample location

ND No Data

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,573

METERS
0 100 200 300 400

ELEVEN BUSINESS ACQUISITIONS, INC.
OMEGA GOLD CORPORATION ECSTALL MINING CORPORATION
ISK BELL CLAIM BLOCK GEOCHEM: Au;Ag;As LIARD MINING DIVISION, B.C.
INTERNATIONAL KODIAK RESOURCES INC.
DRAWN: / DATE: NOV., 1990 SCALE: 1:10,000 / N.T.S. 104B/15E FIGURE: 7

LEGEND

- SILT, MOSS
- ROCK
- H LG R023 — Sample Number / Sample Location

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,573

ISK 2

ISK 1

ISK 4

BELL 13

BELL 14

ICEFIELD

ISKUT RIVER

UGLY CK.

LCP

METERS
0 100 200 300 400

ELEVEN BUSINESS ACQUISITIONS, INC.

OMEGA GOLD CORPORATION
ECSTALL MINING CORPORATION

ISK BELL CLAIM BLOCK

SAMPLE LOCATION

LIARD MINING DIVISION, B.C.

INTERNATIONAL KODIAK RESOURCES INC.

DRAWN:	DATE: NOV .. 1990	FIGURE: 6
SCALE: 1:10,000	N.T.S. 104B/15E	

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,573

LEGEND

1 BOWSER LAKE GROUP:
GREYWACKES, SANDSTONE, RARE PEBBLE CONGLOMERATE

2 BOWSER LAKE GROUP:
SLATE, ARGILLITE, SILTSTONE

3a SALMON RIVER FORMATION:
PILLOW BASALT, BASALT, BASALT BRECCIA

3b SALMON RIVER FORMATION:
PYROXENE-PLAGIOCLASE GABBRO

4 SALMON RIVER FORMATION:
FELSIC TO INTERMEDIATE BANDED SILICEOUS TUFF

5 SALMON RIVER FORMATION:
SILTSTONE, ARGILLITE, CONGLOMERATE

LIMIT OF OUTCROP

LITHOLOGICAL CONTACT

BEDDING WITH DIP (64)

ANTICLINE (OVER TURNED)

FAULT

ICEFIELD

ISK 2

ISK 1

ISK 4

BELL 13

BELL 14

LCP

UGLY CK.

ISKUT RIVER

METERS
0 100 200 300 400

ELEVEN BUSINESS ACQUISITIONS, INC.	
OMEGA GOLD CORPORATION ECSTALL MINING CORPORATION	
ISK BELL CLAIM BLOCK GEOLOGY LIARD MINING DIVISION, B.C.	
INTERNATIONAL KODIAK RESOURCES INC.	
DRAWN:	DATE: NOV., 1990
SCALE: 1:10,000	N.T.S. 104B/15E
FIGURE: 5	