85-1173-14344
12/86

GEOLOGICAL AND GEOCHEMICAL REPORT

on the

E.D.B. CLAIM GROUP

GOLDBRIDGE AREA, B.C., LILLOOET M.D.

Latitude 50 degrees 53 minutes N.
Longitude 122 degrees 44 minutes W.
N.T.S. Mapsheets 92J - 15E and 15W

on behalf of

OWNER: Elizabeth Ingram, Donald Ingram, Barry Price

OPERATOR: BIG I DEVELOPMENTS LTD
P.O.BOX 190
DELTA, B.C., V4K 3N6

and

REDWOOD RESOURCES INC
P.O.BOX 279
DELTA, B.C., V4K 3N7

James W. McLeod, B.Sc.

March 3, 1986
Vancouver, British Columbia

TABLE OF CONTENTS

FIGURES

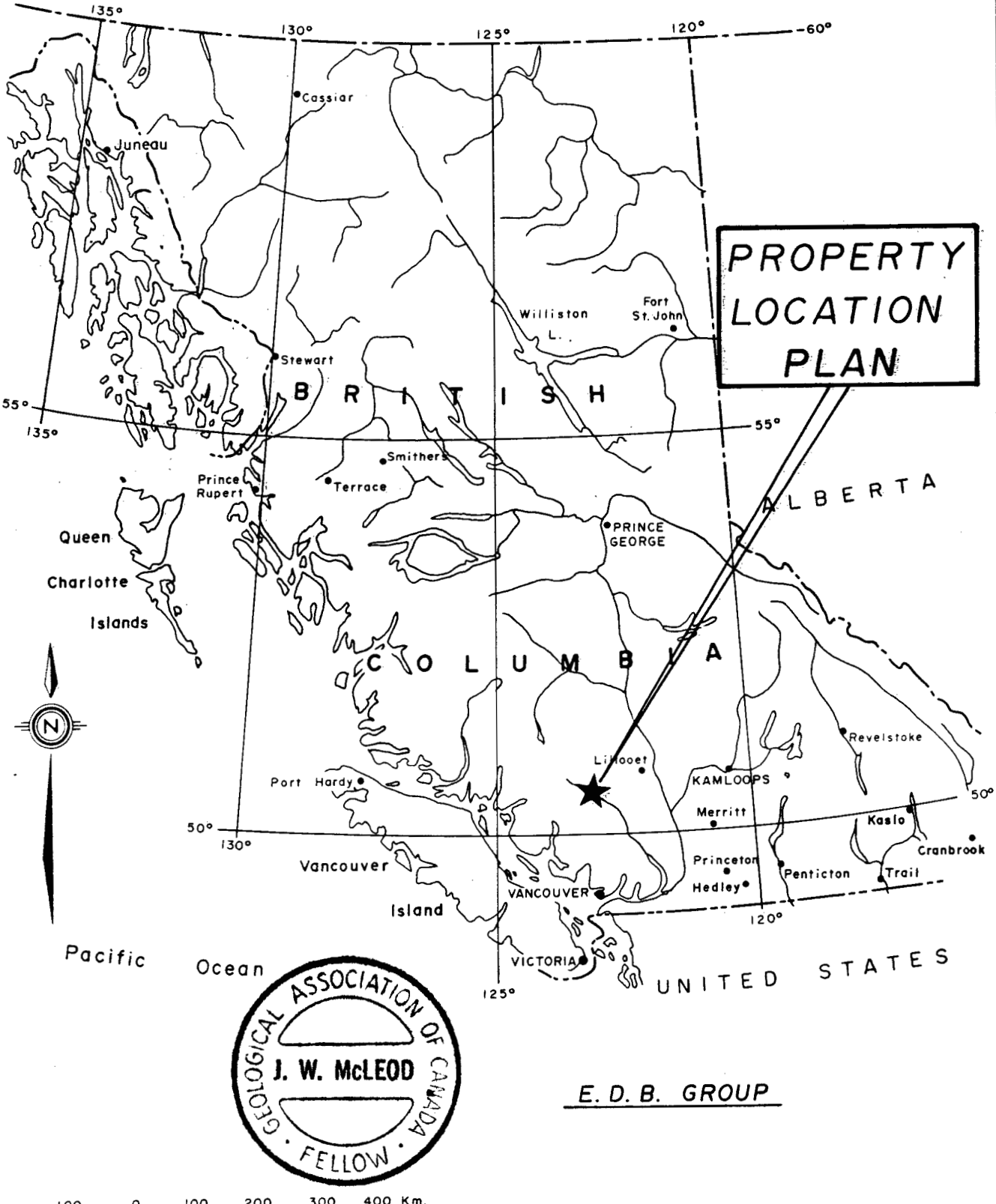
SUMMARY

An initial geological mapping and geochemical soil survey was undertaken on the E.D.E. claim group during the summer and fall of 1985. The work was undertaken in the unexplored southern portion of the property.

Isolated groups of anomalous values in arsenic, antimony and silver were obtained, but the values could not be contoured due to the wide line spacing of the grid. Arsenic appears from recent and past sampling to be the best "pathfinder" element on this property for gold.

Together with the numerous known mineral occurrences on the property an extensive exploration program is recommended. The program should consist of fill-in geological mapping, geochemical soil and rock sampling, VLF-EM and magnetometer surveys and diamond core drilling.

The two phase program is estimated to cost $500.000 to complete.



GEOLOGICAL ASSOCIATION OF CANADA
J. W. McLEOD
FELLOW

E. D. B. GROUP

FIGURE 1 BRAD'S DRAFTING SERVICES

INTRODUCTION

During the summer of 1985, Big I Developments Ltd. and Redwood Resources Inc. of Delta, British Columbia optioned the "Olympic" and "Kelvin" properties respectively. Historically the properties are seperate although they are adjacent to one another. This report describes the fieldwork program which was undertaken this past season, reviews the results of the program and discusses some conclusions which may be drawn from the data collected. The fieldwork program was preliminary in nature because it was undertaken in the least accessible portion of the properties in areas for which no previous detailed geological or geochemical data was available as was the case with other parts of the properties. The program also included studying some complete drill core sections which were available from the property and subsequently splitting and analyzing some sections of the core. Reconnaissance prospecting between the established grid lines and beyond the grid was undertaken to acquire a knowledge of the abundance or lack of outcroppings which would assist in laying-out a subsequent program. Also, the soil sample rejects were run through a Lamaire Mercury Detector, as a prospecting aid, to see if correlation with other data was evident.

The E.D.B. group, although composed of two seperate properties is treated in this report as one project. A seperate exploration cost breakdown is included for both properties later in the report.

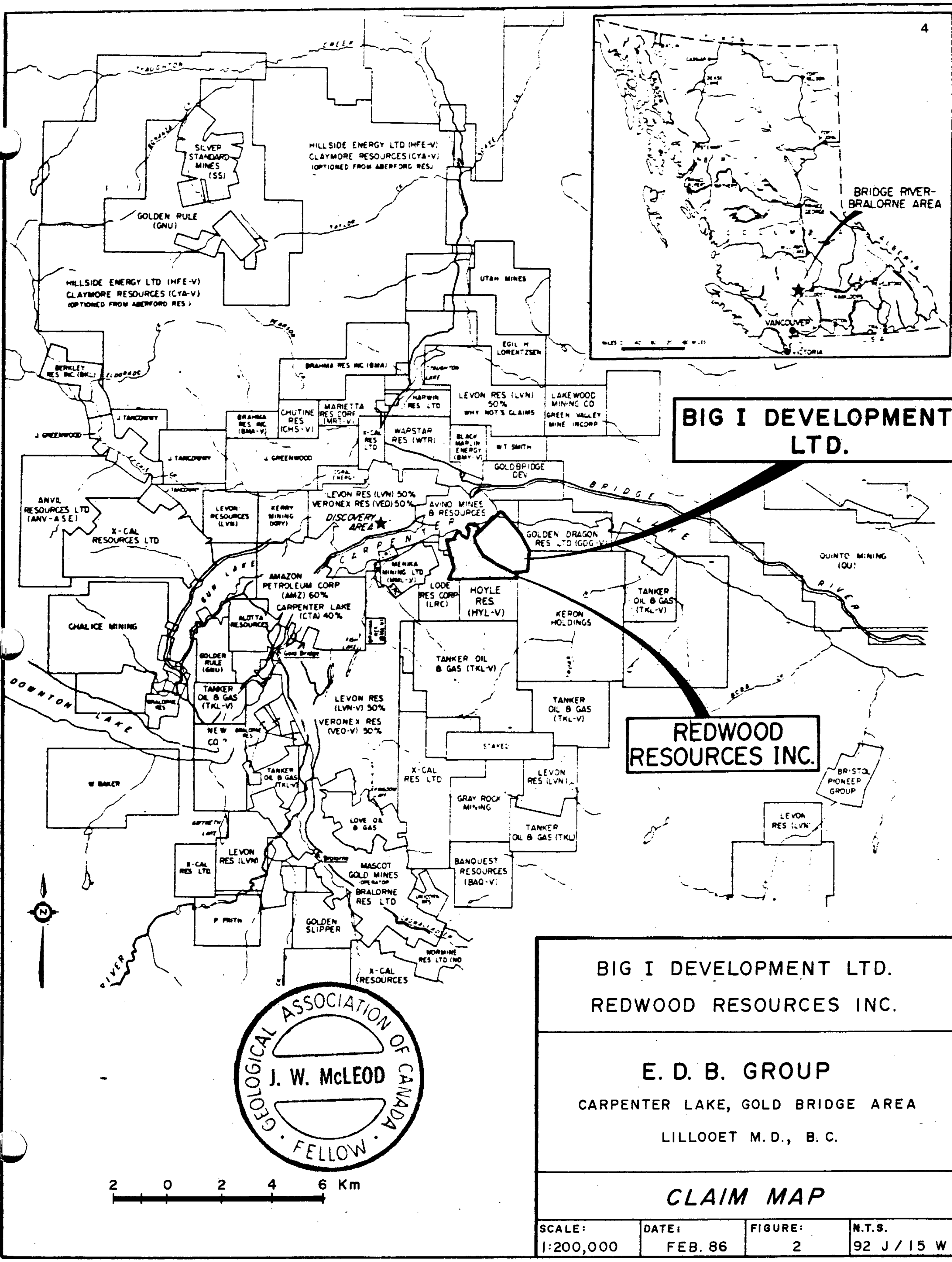
LOCATION AND ACCESS

The E.D.B. claim group is located on the south shore of man-made Carpenter Lake, 10 km. east of the Town of Goldbridge, British Columbia. Goldbridge is at the junction of the Bridge and the Hurley Rivers. The claims are 165 km. north of Vancouver and 80 km. west of Lillooet, British Columbia. Access to the property is afforded by four different road routes starting out from Vancouver. The best all season route is Vancouver - Lytton - Lillooet - Goldbridge to the property for a total road distance of 445 kilometres or 267 miles. A four wheel drive road traverses a portion of the eastern side of the Olympic property.

PROPERTY AND OWNERSHIP

The E.D.B. claim group is composed of the two seperate mineral properties called 1) The "Olympic" optioned by Big I Developments Ltd. of P.O.Box 190, Delta, B.C., V4K 3N6 from Elizabeth Ingram and Donald Ingram of P.O.Box 1219, Lillooet, B.C., V0K 1V0. and 2) The "Kelvin" optioned by Redwood Resources Inc. of P.O.Box 279, Delta, B.C., V4K 3N7 from Donald B. Ingram of P.O.Box 1219, Lillooet, B.C., V0K 1V0 and Barry J. Price of Vancouver, B.C.

The two properties comprise a total of 45 units which are listed seperately as follows:


BRIDGE RIVER-BRALORNE AREA
VANCOUVER
VICTORIA
BIG I DEVELOPMENT LTD.
REDWOOD RESOURCES INC.
HILLSIDE ENERGY LTD (HFE-V)
CLAYMORE RESOURCES (CYA-V)
(OPTIONED FROM ABERFORD RES.)
SILVER STANDARD MINES (SS)
GOLDEN RULE (GNU)
UTAH MINES
EGIL H LORENTZSEN
BRAHMA RES INC (BMA)
BERKLEY RES INC (BKL)
LEVON RES (LVN) 50% WHY NOT'S CLAIMS
LAKEWOOD MINING CO GREEN VALLEY MINE INCORP
HARWIN RES LTD
MARIETTA RES CORP (MRT-V)
CHUTINE RES (CHS-V)
X-CAL RES LTD
WARSTAR RES (WTR)
BLACK MARLIN ENERGY (BMY-V)
W.T. SMITH
GOLDBRIDGE DEV
J. GREENWOOD
J. TANCOWNY
ANVIL RESOURCES LTD (ANV-A.S.E.)
X-CAL RESOURCES LTD
LEVON RESOURCES (LVN)
KERRY MINING (KRY)
LEVON RES (LVN) 50%
VERONEX RES (VEO) 50%
DISCOVERY AREA
AVINO MINES & RESOURCES
GOLDEN DRAGON RES LTD (GDG-V)
QUINTO MINING (QU)
CARPENTER
BRIDGE
LAKE
RIVER
GUN LAKE
DOWNTON LAKE
AMAZON PETROLEUM CORP (AMZ) 60%
CARPENTER LAKE (CTA) 40%
MENIKA MINING LTD (MNK-V)
LODE RES CORP (LRC)
HOYLE RES (HYL-V)
KERON HOLDINGS
TANKER OIL & GAS (TKL-V)
CHALICE MINING
ALOTTA RESOURCES
GOLDEN RULE (GNU)
Gold Bridge
TANKER OIL & GAS (TKL-V)
BRALORNE RES
NEW CO.
LEVON RES (LVN-V) 50%
VERONEX RES (VEO-V) 50%
W BAKER
STAVES
X-CAL RES LTD
LEVON RES (LVN)
GRAY ROCK MINING
TANKER OIL & GAS (TKL)
BRISTOL PIONEER GROUP
LEVON RES (LVN)
LOVE OIL & GAS
BANQUEST RESOURCES (BAQ-V)
X-CAL RES LTD
LEVON RES (LVN)
MASCOT GOLD MINES OPERATOR
BRALORNE RES LTD
Bralorne
P FRITH
GOLDEN SLIPPER
NORMINE RES LTD (NO)
X-CAL RESOURCES
GEOLOGICAL ASSOCIATION OF CANADA
J. W. McLEOD
FELLOW
2 0 2 4 6 Km
N

BIG I DEVELOPMENT LTD.
REDWOOD RESOURCES INC.

E. D. B. GROUP
CARPENTER LAKE, GOLD BRIDGE AREA
LILLOOET M.D., B.C.

CLAIM MAP

SCALE:	DATE:	FIGURE:	N.T.S.
1:200,000	FEB. 86	2	92 J / 15 W

1) Olympic Property

Claim Name	Record No.	Recorded Owner	Expiry Date
Alpha 1&2	813 (7)	Elizabeth Ingram	July 3, 1992
Alpha 3	893 (9)	Donald B. Ingram	Sept. 17, 1989
Alta 1	695 (11)	Elizabeth Ingram	Nov. 8, 1989
Alta 2	696 (11)	Elizabeth Ingram	Nov. 8, 1989
Alta 3	704 (11)	Elizabeth Ingram	Nov. 23, 1989
Alta 4	697 (11)	Elizabeth Ingram	Nov. 23, 1989
Alta 5	536 (9)	Donald B. Ingram	Sept. 19, 1989
Alta 6	535 (9)	Donald B. Ingram	Sept. 19, 1989
Alta 7	538 (9)	Donald B. Ingram	Sept. 19, 1989
Alta 8	537 (9)	Donald B. Ingram	Sept. 19, 1989
Alta 1 Fr.	699 (11)	Elizabeth Ingram	Nov. 8, 1989
Alta 2 Fr.	547 (5)	Donald B. Ingram	Sept. 19, 1989
Hillside 1	539 (9)	Donald B. Ingram	Sept. 19, 1989
Hillside 2	540 (9)	Donald B. Ingram	Sept. 19, 1989
Hillside 3	543 (9)	Donald B. Ingram	Sept. 19, 1989
Hillside 5	544 (9)	Donald B. Ingram	Sept. 19, 1989
Hillside 6	545 (9)	Donald B. Ingram	Sept. 19, 1989
Hillside 7	698 (11)	Elizabeth Ingram	Nov. 8, 1989
Hillside 8	546 (9)	Donald B. Ingram	Sept. 19, 1989
Hillside Ext.3	542 (9)	Donald B. Ingram	Sept. 19, 1989
Hillside Ext.4	541 (9)	Donald B. Ingram	Sept. 19, 1989

TOTAL: 21 UNITS

2) Kelvin Property

Claim Name	Record No.	No. Units	Owner	Expiry Date
Mellissa	2023 (5)	6	D. Ingram	May 11, 1987
Mellissande	1246 (2)	15	D. Ingram	Feb. 25, 1990
Hepzibah	1336 (5)	1	D. Ingram	May 20, 1993
Puss Fr.	2075 (7)	1	B. Price	July 14, 1986
Duck	2076 (7)	1	B. Price	July 14, 1986

TOTAL: 24 UNITS

The mineral claims are shown on B.C. Mineral Map Sheets M92J 15E and M92J 15W.

TOPOGRAPHICAL AND PHYSICAL ENVIRONMENT

The E.D.B. claim group is situated on moderate to steep north-sloping terrain on the southside of Carpenter Lake. The property lies between 2145 feet (654 metres) elevation at the lake and 5500 feet (1677 metres) elevation at its' south boundary. Two deeply incised north flowing creeks traverse the properties. On the east-central section of the group is Marquis Creek which turns northwesterly near its' confluence with Carpenter Lake. On the west-central side of the group is the straight, north flowing Girl Creek. Both creeks have very steep-sided canyons along sections of their length and a number of small waterfalls occur in places. It is likely that faulting or shearing of the underlying bedrock effected the present locations of these two watercourses.

Most of the claim area is covered by coniferous trees which reach considerable size in some parts of the property.

The claim area receives a moderate amount of precipitation annually because of its' location in the transition zone between the wet Coast Mountain climate and the drier Interior Plateau. Annual precipitation for the general area is about 26 inches (66 cm.) of which 102 inches (259 cm.) occurs as snow.

HISTORY AND PREVIOUS WORK

The general area first received attention in 1859 when placer gold was discovered on Gun Creek just north of and across Carpenter Lake from the E.D.B. group. In 1897 the Pioneer gold quartz showings were crown-granted and commenced full-scale production in 1914. By 1932 the two major lode gold properties (the Bralorne and the Pioneer) were combined and producing as the famous Bralorne Gold Mine.

The claim area is well situated in the "famous" Bridge River - Bralorne Gold Camp and in relation to known mineral occurrences. Many mineral properties about the E.D.B. group have undergone and are still undergoing active exploration and development programs. The claim area is experiencing its' third period of activity which are listed as follows:

1) The "depression period" - the mid-1930's saw increased activity in the general area. Bralorne was a well established producer with a great future before it. The Minto (presently owned by Avino Mines and Resources Ltd. of Vancouver, B.C.) which lies adjacent to the E.D.B. group on its' northern boundary ran its' own mill from 1934 to 1937 processing 88,902 tons with an average grade of 0.197 oz. gold per ton. Included in this tonnage were about 12,000 tons which ran 0.9 oz. gold per ton. This period saw the initial development on the "Olympic" and "Kelvin" properties where underground drifting explored precious metal leads. Some encouraging results were reported at the time. The post depression and wartime period was a hiatus for all but the established producer in the area.

2) The post World War II period (mid 1940's) saw a renewed interest in the general area and additional underground work and drilling were done on the Olympic and some drilling was done on the Kelvin. This second period of activity died with increased costs of the post war period and a fixed gold price.

3) The third period of activity began when the present owners acquired some of the claims in 1977.

In 1980 the ground was optioned to Noranda Explorations-and they performed some geological mapping, geochemical soil sampling, magnetometer surveying and drilled two holes in the molybdenite zone. This program appears to have been carried out to try to test the massive sulphide potential of the Billyo (molybdenite) zone.

In 1983 Lacana Mining Corporation optioned the group and performed limited geochemical soil sampling and five diamond drill holes in the Leckie - Magee adit area.

In 1985 Big I Developments Ltd. optioned the Olympic property and Redwood Resources Inc. optioned the Kelvin property which together form the E.D.B. group. The fieldwork during the 1985 season is the subject of this report.

The present claim owners acquired the ground during a period of renewed interest in precious and base metals. The price of gold was no longer fixed and surging inflation had shaken total allegiance to paper currencies. The mid-1970's to the present finds a resurgence of interest in the areas with past production history, a high frequency of known mineral occurrences and potentially favourable geologic setting. The claim group area is well situated logistically.

PRESENT WORK PROGRAM

The first undertaking of the 1985 field program was to clear and repair 2050 metres of mining access road on the Olympic property which then allowed four wheel drive access to within 50 metres of the No.1 Adit zone. Access to this portion of the property was very important to the program since this is enroute to the spot where the surveyed baseline to the southern extremity of the property was started.

A camp was established adjacent to the access road at elevation 945 metres (3100 feet). Camp water was hauled from either Girl or Marquis creeks.

A legal survey pin marking the location of the intersection of four of the reverted crown granted mineral claims (which marks the beginning of the baseline) are as follows: 1) southwest corner of L6279 2) northwest corner of L6277 3) southeast corner of L6278 4) center of northeast-side of L6272. The elevation at this No.1 location post is taken to be 1067 metres (3500 feet). The baseline extending for 1200 metres in a true south direction was surveyed in

using a clinometer, compass and chain. The baseline was marked with flagging every 25 metres. The baseline terminated at the south boundary of the Mellisande claim.

A total of 9.2 kilometres of east-west grid lines were established on the property for a soil geochemistry survey, as well as, to aid in initial geological mapping in quite rugged terrain. The lines were spaced 200 metres apart with sample interval locations marked every 30 metres along the lines (see Grid Map - Figure 4).

A total of 64 rock samples were taken during the period July 16 - September 12, 1985. A total of 290 soil samples and 3 silt samples were taken within the grid. A total of 51 core samples from various sections of Lacana drill holes 1 thru 5, 1983, which were previously not split, were analyzed (see Appendix I).

A total of 264 soil samples were analyzed using a Lamaire Mercury Detector as a prospecting aid (see Geochemical Map - Figure 6). The analyzes were conducted during the period December 1 - 18, 1985 inclusive.

Geological mapping was concentrated in the immediate area of the grid, about the known showings and in the more accessible areas along Marquis and Girl Creeks.

Reconnaissance prospecting was conducted on the east side of the grid to the approximate eastern limit of the property and in the area south of the Magee Adit zone.

REGIONAL GEOLOGY

Generally the Bridge River - Bralorne area is underlain by interbedded volcanics and sediments which have been assigned to the Bridge River (Ferguson Group) of middle Triassic age. The Ferguson group has in turn been intruded by the Bendor plutonic rocks, thought to be Cretaceous in age, which cause the older sediments and volcanics to "envelope" about the intrusive mass in a general fashion. A broad halo of hornfelsing occurs in places about the pluton. The present erosional surface has exposed some of the intrusive bodies which are undoubtedly of Bendor origin but it may well be that younger intrusive events have had a marked effect in places on the Ferguson assemblage. Overall the older Ferguson rocks have been arched into a broad northwesterly trending anticlinal structure. Regional faulting along northwest - southeast trends occur to the south and north of the Bendor pluton with accompanying ultramafic intrusions. To the south of the pluton is the "Cadwallader break" along which is the gold-quartz system of the Bralorne-Pioneer mines and other related mineral occurrences. Along the same trend 10 and 30 km. to the northeast of the pluton are the Tyaughton and Yalakom faults respectively, with accompanying ultramafic intrusions.

A tentative simplified geological timetable of complex events in the claim area as quoted from a report to Big I Developments Ltd. by

Donald W. Tully, P. Eng., Consulting Geologist, dated September 25, 1985 is as follows:

Formation	Description/Event	Age
Sand, gravel, loam and glacial debris	Unconsolidated	Quaternary
	(Erosional unconformity)	
Mineralization and metamorphism	Gold, silver and sulphides of iron, copper, lead, zinc, arsenic, antimony, molybdenum and mineral compounds of nickel, chrome, manganese and cobalt with hornfels, magnetite, chlorite, epidote and zones of quartz-carbonate veining	Tertiary (?)
	(Faulting, folding and shearing along a northwest trend)	
Bendor Pluton intrusions	Felsic, gabbro and ultramafic dykes	Upper Cretaceous
	(Folding, faulting and related activity)	
Bridge River (Fergusson) Group	Volcanics, sediments, chert and limestone	Mid-Triassic

PROPERTY GEOLOGY

The outcrops encountered to date on the property and from previous work by others (Geological, Geophysical and Geochemical Report by T.D. Lewis, P. Eng. dated September 1980 - Assessment Report 8293 and Geological Report by Barry James Price, M.Sc. dated April 25, 1983 - Assessment Report 11,139) suggests a northwest - southeast striking series of intercalated sediments and volcanics which are thought to belong to the Ferguson Group of middle Triassic age. They appear to be of marine sedimentary - volcanic origin (ie. shales, limestones, chert lenses and nodules and possibly a "masked" pillow-like structure or segregations observed in some of the andesitic volcanics and agglomerates which are found occuring in the middle to lower regions along Marquis Creek).

The volcanics which are found to occur within this series vary from rhyolite to dacite and andesite in composition and from aphanitic crystalline to tuffaceous and agglomerate varieties in texture as determined by hand specimen examination. Some of the felsic outcrops found along the main road and felsic breccia occurrences found in the drill holes may be more acidic phases of extrusives within the

sedimentary-volcanic pile that have subsequently been effected by hydrothermal alteration.

A marked feature of some areas within the series is the formation of hornfelsic rocks and calc-silicate skarns which are both attributed to contact metamorphism probably related to the intrusion of the Bendor plutonic rocks or possibly to the aplitic dykes which may be related to an intrusive event later than the Bendor intrusion. The main occurrences of hornfelsic rocks are along the main road and on the east boundary of the property adjacent to the dioritic intrusives. The skarns are found to occur at the Manners Adit zone, the Billyo zone and along the southern boundary of the claim group near Marquis Creek (see Geological Map - Figure 5).

Considerable information is available on the areas of known mineralization. This information is reviewed briefly in the report as follows using the specific names of showings either historical or recent which are shown for reference on the Grid Map - Figure 4 :

a) No. 1 Adit Zone - Situated at approximately 3250 feet elevation, this contact zone between medium grained, greyish, unaltered diorite on the east and fine grained, silicified, brownish, altered andesitic tuff on the west. This zone is thought to be the contact between the younger Bendor intrusives and the older Ferguson series. The degree of hornfelsing increases near the contact.

On or near the contact is a brecciated shear zone with an average trend of N110 degrees/70-75 degrees N. The shear contains quartz - carbonate gange and in places stibnite, arsenopyrite and pyrrhotite. The zone had a 41 metre adit driven on it during the 1930's but the adit is presently closed. The consulting engineer for the Olympic Gold Mines, J.M. Leckie reported gold values of from $10 to $57 per ton back in 1934. The zone was followed on surface for some 40 metres by the writer to an open cut called the Elizabeth trench where sample No. 7888 assayed 0.022 oz./st. gold over several inches in the form of a grab sample of silicified tuff which in turn is bounded on the south by a zone of crystalline carbonate rock (see Appendix I - Assays No.7888).

b) Manners Adit Zone - Approximately 500 metres to the northwest of the No. 1 Adit Zone near the diorite contact (elevation approx. 2900 feet) is a calc-silicate contact metamorphic showing of garnetiferous skarn containing in places abundant quartz, magnetite and lesser amounts of chalcopyrite and molybdenite. This zone is reported by Barry J. Price, Geologist (Assessment Report 11,139) to contain anomalous gold and silver values. This particular skarn showing has the appearance of a "pendant" within the diorite intrusion at or near the contact with the older Ferguson series. This is supported by the "thumbprint" magnetometer response (Assessment Report 8293) by T.D. Lewis, P. Eng. for Noranda Exploration Company, Limited, dated September, 1980.

c) Billyo (Massive Sulphide) Zone - This massive sulphide zone, with at least 100 metres of length on surface, occurs at approximately the

2750 foot elevation on the property road. It has been described as a garnet-diopside skarn zone in lensoid lime-silicate rocks. The mineralization at the showing consists of pyrite, magnetite and some chalcopyrite.

The showing has been trenched on its' up-slope, south-side and was drifted on for 46 metres on its' lower, most northerly side. The adit trends in a southeasterly direction and appears to follow somewhat a footwall zone of very dark brown (iron oxide stained), vesicular felsite breccia with light coloured, fine grained, angular fragments.

The writer took one sample from the dump at the front of the adit and it assayed 0.111 oz./st. gold and 0.10 oz./st. silver (see Appendix I, Assay No.7883).

The main showings are enveloped by a soil anomaly at least 100 metres in width. The anomalous values range from 139 to 760 ppm in copper, up to 265 ppb gold and 5.1 ppm silver. Within the massive material, on the south-end of the showings, rock assay values ranged from 0.5% to 1% copper, 100 to 545 ppb gold and 3.4 to 3.8 ppm silver (see Assessment Report 11,139 by Barry J. Price, Geologist, dated April 25, 1983).

d) Molybdenite Zone - A broad pyrite/gypsum halo with anomalous molybdenum values is found to occur on the west-side of the Billyo massive sulphide zone and central to Marquis Creek. Molybdenite has been found by prospecting within the zone.

The possible cause of the Molybdenite Zone is a rock found in an area starting near the main access road at approximately 2600 foot elevation and extending up Marquis Creek to approximately 3000 foot elevation and characterized by a broad, altered and bleached zone of a fine grained, light coloured extrusive or dyke (aplite?). The zone is evidently younger than the enclosing rocks as it seems to be the cause of the iron-stained gossan which occurs about its' boundaries.

Mineralization seen to occur within this often highly fractured area is pyrite, dendritic pyrrhotite and manganese stain, some bright yellow ferro-molybdenite staining and possibly some arsenopyrite on fracture surfaces.

e) Leckie-Magee Adit Zones - This zone historically received the first attention of any on the property. Two adits (Leckie - the lowest and Magee - 53 metres above) were driven on a highly altered shear zone which is over 76 metres wide at the road. The zone appears to trend within the range of N110 to N140 degrees and dips steeply (70 to 80 degrees) to the west. Both adits are inaccessible at the present time.

The zone is composed of a metamorphosed and altered assemblage of ultramafics (serpentine and gabbro?) and felsite dykes which are highly chloritized in places. Other alteration minerals noted in the zone are quartz, talc, sericite and the bright green silicates fuchsite or mariposite (chromium muscovite mica) and carbonates.

The ore mineralization observed in the altered zone at the Magee portal were pyrite, chalcopyrite, arsenopyrite, sphalerite (blackjack) and galena.

The following are the results of three continuous chip samples taken by Consulting Geologist, Donald W. Tully, P. Eng. and reported to Big I Developments Ltd. in his report dated September 25, 1985:

Sample No.	Width (cm)	Gold oz/st	Silver oz/st	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
4189c	135	0.022	2.66	3411	15077	18265	3570	581
4190c	40	0.155	3.73	1469	6680	8926	85263	526
4191c	60	0.036	0.71	4011	772	4275	13501	126

TOTAL 235 cm. or 7.71 feet

"Sample 4189c carried quartz-carbonate veining, oxidized and chloritized schist with small aggregates of mariposite, galena, sphalerite, chalcopyrite and arsenopyrite with numerous grains of pyrite.

Sample 4190c was chiefly oxidized schist with abundant pyrite and arsenopyrite.

Sample 4191c contained blebs of chalcopyrite, pyrite and arsenopyrite."

f) Alma zone - A quartz-carbonate zone within what others have termed andesites with variolitic texture which has been initially tested with a short adit and some hand trenches.

The mineralization observed in this zone is pyrrhotite, chalcopyrite and sphalerite with gold values in the range 200 to 365 ppb.

g) Kelvin zone - This showing occupies a shear zone between contacting green volcanics and black silicified argillites and altered felsic dykes. Many small quartz stringers occur in this area and were observed to carry mainly chalcopyrite, pyrite, arsenopyrite and sphalerite. The writer took a piece of banded, silicified graphitic schist containing pyrite from the dump in front of the portal and it assayed 0.656 oz/st gold and 1.41 oz/st silver (see Appendix I, Sample No.7886).

h) Road zone - This zone lies along the main road approximately 500 metres west of the junction of the road and Girl Creek. The exposed rocks in the area are massive, blocky green andesitic volcanics and greenstone. These rocks are cut in places by 2 to 4 metre wide felsic dykes which trend N140 to N170 degrees and dip steeply to the east (70 to 80 degrees). Shear zones 3 to 4 metres in width cut the outcrops in places and generally trend N170 to N180 degrees with steep easterly dips.

The rocks have generally undergone chloritic alteration and near the shear or fault zones sericitization and pyritization form a conspicuous bleached zone. Gold, silver and arsenic are present in anomalous amounts in a number of the narrow altered and sheared zones. The following assays were reported in Assessment Report 12,276 by Barry J. Price, Geologist, dated May 21, 1984:

Sample No.	As(ppm)	Sb(ppm)	Au(ppb)	Au(oz/st)
P84-2	5466	132	1850	0.054
P84-3	875	22	2700	0.078
P84-11	8288	346	5800	0.169
P84-14	3459	61	2580	0.075

GEOCHEMICAL SURVEY

The soil, silt, surface rock and drill core samples were all analysed by either Vangeochem Lab Limited of North Vancouver, B.C. or by General Testing Laboratories of Vancouver, B.C. A total of 290 soil samples, 3 silt samples, 30 surface rock samples and 51 drill core samples were analyzed using the multi-element inductively coupled plasma analyses (ICP) and a number of samples had check analyses for gold, performed using standard fire assaying techniques (see Appendix I). Two samples underwent 30 element spectrographic analyses. As a prospecting aid, 264 sample pulps were run through a Lamaire Mercury Detector.

a) Field Procedure

The soil sampling survey was performed using standard soil sampling techniques. A total of 290 soil samples were taken throughout the grid. The sample depth varied considerably within the range 25 to 120 centimeteres and at several locations a sample could not be obtained due to an excessive thickness of volcanic ash. Below a thin "A" horizon or humus layer, a pervasive and widespread ash layer is present throughout the survey grid and in places displays considerable variation in thickness up to 90 cm. The ash layer is most often divisible into a thick upper fine ash layer and a thinner lower coarse layer of mixed ash and pumice. The pumice particles have been observed by the writer to exceed 3 cm. in diameter. The "B" horizon underlying the organic layer and ash was sampled using a shovel. The samples were placed in 9 x 25 centimetre Kraft paper envelopes. Very little organic matter was present in any of the samples.

b) Laboratory Procedure

The samples were sized to -80 mesh and digested in hot aqua regia. The samples were subsequently analysed by ICP and a number of the samples were further subjected to fire assaying where anomalous gold values were suspected.

The gold values obtained by fire assaying were few in number because of the cost involved. The detection limit of the ICP method for gold is 3 ppm or 0.088 oz/st. which is extremely high and therefore the gold values are not available at the present time. The sample pulps may be run at a future date for gold by the Atomic Absorption (AA) method. Although no anomalous gold values have been obtained to date by the the writer, that were not also anomalous in arsenic or antimony it may be more economical to re-run those samples found to be anomalous in either of those elements for gold by fire assay or AA.

c) Data Presentation

The sample locations are shown on the Grid Map - Figure 4. Since multi-analyses by ICP renders a large amount of data and because of the wide-spaced nature of the original reconnaissance survey lines only anomalous values are plotted on the Geochemical Map - Figure 6 and all analyses and assay values are listed in Appendix I. The geological and geochemical data are presented on Figures 5 and 6 respectively using the scale 1:5000. The mercury analyses are plotted as line profiles on the Geochemical Map - Figure 6.

The geochemical data is plotted as either isolated highs or groups of high for the elements silver, arsenic and antimony, but no attempt was made to contour the data at this time because of the wide-spaced nature of the lines. The station interval of 30 metres was adequate for this type of survey, but a closer-spaced survey about high values is a possibility which may be used during a subsequent work program.

d) Statistical Analysis

The values for the elements silver, arsenic and antimony were treated by standard statistical methods using the formula: the square root of the following: the sum of the squares of the individual values minus the total number of samples times the mean value of the samples divided by the total number of samples minus one giving the standard deviation from the mean value of the respective elements. The following are the standard deviations for each of the three elements: Silver = 0.23, Arsenic = 73.98, Antimony = 8.47.

The frequency distribution curves for each element were attained by plotting bar graphs using the bar interval chosen between 1/3 standard deviation and 1/2 standard deviation and the following information was obtained:

	Regional Background	Local Background	Sub-Anomalous	Anomalous
Ag	0-0.3 ppm	0.3-0.7	0.7-1.0	>1.0 ppm
As	0-25 ppm	25-50	50-75	>75 ppm
Sb	0-3 ppm	3-9	9-18	>18 ppm

e) Interpretation of Geochemical Data

The most northerly grid lines L0S and particularly L1S are seen to have rendered the greatest number of coincidently anomalous values. The four lines L0S through L5S appear to contain anomalous areas which may line-up along a trend of N 135 degrees which is not that different than the trends of mineralization and/or alteration measured at different places throughout the property and particularly along the main property access road near the Road, Kelvin and Leckie-Magee zones. The anomalous values encountered on L13S indicates the need to look in more detail to the boundary of the claims.

Mercury values obtained by using the mercury detector and from those obtained by past assaying (see Assessment Report No. 12,276 by Barry J. Price, Geologist) may indicate that the highest mercury values in the soils lie peripheral to and possibly adjacent to the highest gold values. Antimony and mercury appear therefore to occur on the edges of the gold occurrences. The best possible "pathfinder" element for gold observed to date on this property appears to be arsenic.

CONCLUSIONS

Numerous areas of known mineralization which are mainly as base metals, both sulphides and oxides containing appreciable amounts of the precious metals gold and silver are found to occur on the E.D.B. claim group. In addition, a number of areas anomalous in arsenic, antimony and silver are found to occur on the southeastern portion of the claims which was previously unexplored. The new anomalies may indicate a gross N135 degree trend, which occurs within the range of the trends of mineralization and alteration, observed at the hydrothermally altered and quartz-carbonate filled shears and/or contacts found to occur on the north and northeast sides of the property.

Basically two and possibly three modes of mineralization containing significant gold values are evident on the property:

1) The quartz-carbonate contact and/or shear filling observed to contain pyrite, arsenopyrite, chalcopyrite, galena, sphalerite and stibnite. In addition to the quartz-carbonate fillings, are observed the alteration minerals talc, sericite?, mariposite and chlorite.

2) The calc-silicate skarns at or near the intrusive or extrusive contacts which are seen to contain magnetite, pyrrhotite, chalcopyrite, pyrite and molybdenite. The alteration minerals seen to occur here are epidote, garnets, diopside and quartz.

3) The volcanic breccia or dyke zone although not observed on the property to be more than a host for mainly iron sulphides (pyrite, pyrrhotite and arsenopyrite and possibly molybdenite on lower Marquis Creek) may in fact be the main mineralizing factor on the property.

The property is underlain by a northwest-southeast striking section of alternating volcanics and sediments which have been folded and faulted (both of which are vertical in places and steeply dipping in others) and subsequently intruded by one or more igneous events (coarser grained Bendor diorite, the ultramafics - gabbro and serpentine and felsic volcanics which are often brecciated near their margins). The intrusive rocks may be of seperate events or contemporaneous. The writer favours a later felsic intrusive phase which had the effect of hydrothermally altering the area about Marquis Creek, producing the skarn and possible massive sulphide zone at the Billyo zone and filling the prepared "plumbing" system in the older volcano-sediments with the quartz-carbonate fillings, sulphides and precious metals. A post-contemporaneous or later "hotspring" type event then could have caused the travertine occurrences found in the general area and the one observed to occur on Marquis Creek between L4S and L5S.

The type and form of the mineralization observed on the property may be indicative of a section within a vertically zoned, carbonatized epithermal system with the top of the sulphide zone occurring in the lower reaches of the property and the lower most section of the arsenic-antimony-mercury zone increasing in the upper reaches of the property to the south. If this is what we are viewing, then a strong case can be made for increasing gold values at depth, especially if this area is similar in this regard to the Bralorne Mine gold occurrences which persisted to over 1500 metres in depth without a decrease in gold values (grade).

RECOMMENDATIONS

The writer recommends that the reconnaissance geochemical soil survey at 100 metre line spacing and 30 metre sample intervals be conducted over the unexplored portions of the property. A VLF-EM and magnetometer survey should be conducted over the whole grid and all other uncompleted parts of the property. Geological mapping should be conducted over the grid area and the property should undergo detailed prospecting between the grid lines.

Anomalous areas encountered during the ground work should be made accessible by bulldozer to allow for detailed rock sampling and subsequent diamond drilling. Overburden in the area is not expected to exceed 2-3 metres in depth.

Areas of known mineralization containing anomalous gold values should be drill tested (ie. No. 1, Manners, Billyo, Leckie-Magee, Alma, Kelvin and Road Zones).

The writer feels, that after sufficient data has been collected from the properties, that several deep holes should be drilled to test the theory of vertical zoning and the strong possibility of increasing gold values with depth.

ESTIMATED COST OF PROGRAM

Phase I

Grid installation	$11,000
Geochemical survey including analyses and report	17,000
VLF-EM and magnetometer survey plus report	17,000
Mapping and supervision	6,000
Camp and board, 250 mandays @ $40/day	10,000
Transportation, $2,000 helicopter plus trucks and fuel	7,000

800 metres diamond core drilling of BQ size plus site preparation, travel core-handling, assaying, supervision and report @ $140/metre	112,000
Contingency	20,000
Sub Total (Carried forward)	$200,000

Phase II

Contingent upon the results of Phase I, as determined by the Companies independent Consulting Geologist, a Phase II diamond core drilling program will be undertaken for 2,000 metres of BQ drilling @ $140/metre, all inclusive	$280,000
Contingency	20,000
Sub Total	$300,000
TOTAL	$500,000

Respectfully submitted,

James W. McLeod, Geologist

GEOLOGICAL ASSOCIATION OF CANADA
J. W. McLEOD
FELLOW

STATEMENT OF COSTS

Item	Olympic Property	Kelvin Property
Field personnel:		
a: (S. Seney & W. Lillies, 50 person-days @ $80/day) (E. Fowler & J. van Benten, 9 person-days @ $150/day)	$ 1,200.00	$ 4,150.00
b: Mapping & supervision etc. (J. McLeod, 23 person-day @ $200/day)	4,600.00	
Consulting: (Don Tully, P.Eng.)	2,584.00	2,353.99
Assaying	1,718.42	1,626.08
Draughting, map reproduction, etc.	593.88	688.89
Equipment rental	313.00	
Supplies	2,532.68	
Fuel-camp & vehicles		687.46
Food & accomodation	1,842.70	869.65
Licenses & fees	435.00	
Sub-total	15,819.68	10,376.07
TOTAL		$26,195.75

CERTIFICATE

I, JAMES W. McLEOD, of the Village of Ladner, Province of British Columbia, hereby certify as follows:

1) I am a Consulting Geologist with an office at 5303 River Road, Delta, B.C., V4K 1S8.

2) I am a Fellow of the Geological Association of Canada.

3) I graduated with a degree of Bachelor of Science, Major Geology, from the University of British Columbia in 1969.

4) I have practised my profession since 1969.

5) I do not own any direct interest, nor do I expect to receive any interest in the E.D.B. claim group situated in the Bridge River Area, Lillooet Mining Division of British Columbia.

6) I am the President and a Director of both Big I Developments Ltd. and Redwood Resources Inc.

7) The above report is based on personal field experience gained on the property during the summer and fall of 1985 and from researching available data and personal communications with other parties familiar with the property and the general area.

DATED at Ladner, Province of British Columbia, this 3rd day of March, 1986.

James W. McLeod, B.Sc.

GEOLOGICAL ASSOCIATION OF CANADA
J. W. McLEOD
FELLOW

APPENDIX I

(Soil, rock, silt and diamond drill core analyses)

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: BIG "I" DEVELOPMENT LTD.
ATTENTION: MR. JIM MCLEOD
PROJECT: OLYMPIA

REPORT#: 85-01-081
JOB#: 85345
INVOICE#: 8938

DATE RECEIVED: 85/08/29
DATE COMPLETED: 85/09/05
COPY SENT TO: MR. JIM MCLEOD

ANALYST W. Rowe

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
LOS 0+00W	.6	2.99	34	ND	170	ND	.30	.4	51	153	73	3.68	.11	1.43	827	7	.13	233	.04	13	ND	ND	ND	2	19	ND	ND	95
LOS 0+30W	.8	2.31	41	ND	138	ND	.40	.1	27	191	124	3.53	.12	1.76	326	5	.12	208	.02	15	ND	ND	7	2	20	ND	6	48
LOS 0+60W	.6	1.91	52	ND	151	ND	.66	.9	29	183	70	3.58	.13	2.47	841	3	.15	234	.09	21	ND	ND	7	1	35	ND	8	83
LOS 0+90W	.9	1.98	58	ND	107	ND	.56	.2	25	185	153	4.04	.15	1.97	480	6	.14	216	.04	12	ND	ND	14	2	22	ND	7	53
LOS 1+20W	.8	3.07	62	ND	164	ND	.48	.3	45	186	81	3.64	.13	1.62	701	4	.12	313	.11	15	ND	ND	6	2	25	ND	26	86
LOS 1+50W	.7	2.69	62	ND	119	ND	.39	.3	38	176	135	3.33	.12	1.63	475	4	.12	290	.07	11	ND	ND	13	2	19	ND	6	64
LOS 1+80W	.6	3.08	53	ND	157	ND	.38	.4	49	192	138	3.80	.12	1.77	984	4	.14	329	.09	13	ND	ND	4	2	18	ND	3	88
LOS 2+10W	.6	3.44	26	ND	154	ND	.46	.4	48	228	134	3.89	.12	2.00	747	5	.14	313	.11	18	ND	ND	ND	2	23	ND	11	78
LOS 2+40W	.7	2.92	12	ND	163	ND	.40	.2	47	144	58	3.27	.13	1.32	1500	5	.11	219	.07	19	ND	ND	ND	2	18	ND	ND	111
LOS 2+70W	.7	2.79	16	ND	157	ND	.34	.6	41	156	55	3.10	.11	1.35	913	3	.12	254	.07	18	ND	ND	ND	1	17	ND	5	138
LOS 3+00W	.7	3.16	40	ND	179	ND	.44	.7	43	214	141	3.86	.12	1.92	573	5	.15	338	.07	22	ND	ND	ND	2	19	ND	6	116
LOS 3+30W	.8	3.46	24	ND	202	ND	.38	3.2	54	206	106	3.90	.13	1.85	1743	5	.19	512	.11	20	ND	ND	ND	2	21	ND	4	310
LOS 3+60W	.9	3.23	34	ND	164	ND	.45	3.8	37	179	66	3.44	.12	1.77	939	4	.20	340	.16	16	ND	ND	ND	2	22	ND	10	373
LOS 3+90W	.8	3.26	37	ND	103	ND	.46	.4	39	220	103	3.51	.11	2.12	437	4	.14	272	.05	16	ND	ND	ND	2	19	ND	4	85
LOS 4+20W	.6	2.20	76	ND	74	ND	.49	.1	84	190	379	3.32	.10	2.14	528	3	.13	663	.02	10	ND	ND	3	2	20	ND	4	60
LOS 4+50W	.9	2.38	37	ND	86	3	.37	.1	30	130	60	2.84	.09	1.43	321	4	.10	164	.02	21	ND	ND	ND	2	16	ND	ND	69
LOS 4+80W	.9	3.06	40	ND	137	ND	.39	.4	28	273	123	3.65	.13	2.54	372	8	.15	228	.02	13	ND	ND	ND	2	19	ND	10	75
LOS 5+10W	.9	2.44	58	ND	96	4	.50	.2	21	143	53	3.25	.11	1.45	357	4	.12	170	.02	12	ND	ND	ND	2	19	ND	ND	103
LOS 5+40W	1.0	4.49	180	ND	124	4	1.15	1.3	35	357	192	4.97	.16	3.76	782	4	.20	563	.03	14	ND	ND	ND	2	140	ND	14	139
LOS 5+70W	1.2	2.46	40	ND	91	4	.61	.4	24	145	30	3.16	.11	1.53	522	3	.11	134	.03	13	ND	ND	4	2	17	ND	4	92
LOS 6+00W	.7	2.07	55	ND	91	ND	.54	.3	19	160	68	3.49	.12	1.66	385	3	.12	158	.03	12	ND	ND	10	2	16	ND	ND	59
LOS 6+30W	.7	2.38	37	ND	139	ND	.66	.1	22	139	55	3.57	.13	1.36	922	3	.11	138	.06	12	ND	ND	3	1	25	ND	ND	85
LOS 6+60W	.8	2.08	33	ND	109	ND	.62	.1	18	96	58	3.93	.13	1.03	537	3	.11	93	.04	11	ND	ND	6	2	16	ND	ND	76
LOS 6+90W	.8	2.15	19	ND	146	ND	.77	.2	21	107	67	4.12	.13	1.27	740	3	.12	109	.02	9	ND	ND	9	2	20	ND	3	71
LOS 7+50W	.7	2.28	124	ND	77	ND	.52	.5	46	326	185	4.58	.13	4.99	700	2	.27	729	.03	28	ND	ND	3	2	29	ND	5	145
LOS 7+80W	.7	2.16	32	ND	121	ND	.48	.3	16	87	31	3.29	.11	.87	463	3	.10	108	.02	12	ND	ND	5	1	16	ND	ND	82
LOS 8+10W	.5	2.61	28	ND	87	ND	.38	.2	21	112	33	3.06	.09	1.26	510	3	.12	148	.03	11	ND	ND	ND	2	13	ND	ND	124
LOS 8+40W	.7	3.38	80	ND	103	ND	.54	.3	29	224	36	3.44	.11	2.17	489	3	.16	258	.03	14	ND	ND	ND	2	23	ND	ND	166
LOS 8+70W	.7	2.55	277	ND	132	ND	.47	.2	19	98	48	2.89	.10	1.01	587	2	.13	453	.01	14	ND	ND	8	1	27	ND	ND	235
LOS 9+00W	.6	2.44	11	ND	168	ND	.41	.6	18	97	32	3.21	.11	.95	658	3	.11	121	.03	11	ND	ND	ND	1	20	ND	ND	161
LOS 9+30W	.8	2.37	20	ND	170	ND	.50	.3	19	100	37	3.64	.13	1.01	770	3	.11	107	.04	14	ND	ND	4	2	20	ND	ND	93
LOS 9+60W	.9	2.78	36	ND	98	ND	.59	.3	22	146	48	3.95	.12	1.61	577	3	.13	136	.05	11	ND	ND	3	2	21	ND	3	86
LOS 10+20W	.7	2.47	27	ND	113	ND	.51	.6	20	102	46	3.83	.11	1.05	456	3	.12	116	.03	11	ND	ND	ND	2	17	ND	ND	119
LOS 10+50W	.7	2.47	70	ND	142	ND	.51	.3	21	107	31	3.13	.10	1.09	560	3	.15	129	.04	12	ND	ND	ND	2	18	ND	ND	282
LOS 10+80W	.6	2.61	60	ND	146	ND	.34	.8	22	119	40	3.18	.10	1.08	744	3	.18	174	.04	13	ND	ND	ND	2	18	ND	ND	405
LOS 11+10W	.7	2.52	37	ND	120	ND	.47	.3	22	94	27	3.09	.10	.78	692	3	.12	110	.04	14	ND	ND	ND	1	19	ND	ND	184
LOS 11+40W	.8	2.26	55	ND	89	ND	.46	.4	19	102	40	3.57	.11	1.10	439	4	.12	102	.03	16	ND	ND	9	2	16	ND	ND	133
LOS 11+70W	.8	2.36	51	ND	109	ND	.47	.3	19	96	30	3.17	.11	1.03	537	3	.12	103	.03	17	ND	ND	3	2	17	ND	ND	155
LOS 12+00W	.9	2.61	36	ND	128	ND	.39	1.1	21	102	34	3.41	.11	1.13	759	4	.14	124	.05	15	ND	ND	5	2	14	ND	ND	241

Soils & some rocks from Grid.

CLIENT: BIG "I" DEVELOPMENT LTD. JOB#: 85345 PROJECT: OLYMPIA REPORT: 85-01-081

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
LOS 12+30W	1.0	3.14	48	ND	222	ND	.49	1.9	25	96	55	4.17	.14	1.24	841	4	.01	162	.16	23	ND	ND	4	1	24	ND	ND	366
LOS 12+60W	.8	2.67	47	ND	235	ND	.58	.9	24	105	79	4.93	.17	1.30	1058	6	.01	134	.05	21	ND	ND	7	ND	35	ND	ND	168
LOS 12+90W	1.1	3.40	35	ND	131	ND	.63	.9	28	98	50	4.14	.14	1.40	609	3	.01	127	.07	14	ND	ND	ND	4	19	ND	ND	174
LOS 13+20W	1.2	3.63	27	ND	176	ND	.63	1.5	28	98	52	4.04	.15	1.39	850	4	.01	133	.07	17	ND	ND	ND	3	25	7	ND	249
L1S 0+00W	.6	5.47	4	ND	133	ND	.54	.6	18	337	92	5.09	.18	2.38	194	7	.01	237	.07	9	ND	ND	ND	2	77	3	9	36
L1S 0+30W	.4	.67	9	ND	67	ND	.18	.2	6	29	16	1.21	.06	.28	156	1	.01	30	.08	11	ND	ND	3	ND	18	ND	ND	20
L1S 0+60W	.9	2.48	52	ND	213	ND	.55	.4	31	157	190	4.06	.17	1.98	384	7	.01	177	.04	13	ND	ND	31	1	26	ND	ND	42
L1S 0+90W	.6	3.25	51	ND	192	ND	.43	.8	54	149	69	3.84	.12	1.55	471	3	.01	249	.16	17	ND	ND	ND	2	28	ND	ND	81
L1S 1+20W	.9	3.65	23	ND	333	ND	.42	.6	66	171	129	4.16	.15	1.71	1268	4	.01	261	.20	18	ND	ND	3	3	32	ND	4	122
L1S 1+50W	.8	4.35	54	ND	305	ND	.33	.7	78	227	285	5.25	.17	2.42	409	9	.01	343	.06	17	ND	ND	17	4	29	ND	ND	63
L1S 1+80W	.9	4.19	54	ND	316	ND	.33	.5	60	245	238	5.05	.15	2.50	508	9	.01	364	.08	15	ND	ND	8	5	31	ND	6	84
L1S 2+40W	.8	3.31	49	ND	178	ND	.53	.6	39	197	124	4.01	.14	2.07	453	5	.01	260	.08	15	ND	ND	20	ND	29	ND	ND	87
L1S 2+70W	1.1	3.61	49	ND	195	3	.39	.7	47	196	133	3.86	.13	2.06	599	4	.01	273	.06	22	ND	ND	11	2	24	ND	ND	110
L1S 3+00W	.8	3.35	34	ND	187	ND	.37	.4	38	134	84	4.18	.14	1.54	636	4	.01	194	.05	21	ND	ND	10	2	20	ND	ND	91
L1S 3+30W	.7	3.25	35	ND	275	ND	.40	.8	30	119	72	3.95	.14	1.39	922	4	.01	220	.11	16	ND	ND	ND	ND	27	ND	ND	245
L1S 3+60W	.7	2.37	35	ND	99	ND	.44	.6	32	129	27	3.30	.11	1.34	311	2	.01	422	.02	15	ND	ND	ND	ND	23	ND	ND	216
L1S 3+90W	.6	2.54	17	ND	117	ND	.41	.7	22	83	27	3.43	.10	.98	461	4	.01	131	.03	14	ND	ND	ND	ND	21	ND	ND	165
L1S 4+20W	.8	2.58	149	ND	131	ND	.31	2.2	34	208	77	4.55	.12	1.20	346	5	.01	328	.03	233	ND	ND	55	ND	23	ND	ND	343
L1S 4+50W	.5	4.59	24	ND	220	9	.67	.8	32	292	176	5.68	.20	3.09	475	4	.01	271	.05	10	ND	ND	ND	3	60	ND	13	104
L1S 4+80W	.8	3.73	34	ND	191	4	.54	1.9	30	130	49	4.16	.14	1.50	785	3	.01	236	.09	17	ND	ND	ND	1	34	ND	ND	335
L1S 5+10W	.9	2.23	91	ND	149	ND	.42	.5	17	85	137	3.80	.12	1.01	352	3	.01	108	.03	14	ND	ND	9	ND	22	ND	ND	114
L1S 5+40W	5.0	2.61	166	ND	166	ND	.41	.6	20	93	60	3.72	.11	1.09	495	3	.01	112	.04	15	ND	ND	5	ND	21	ND	ND	148
L1S 5+70W	.9	2.91	96	ND	292	ND	.41	2.5	21	69	126	4.02	.15	.83	804	3	.01	141	.12	18	ND	ND	ND	ND	36	ND	ND	597
L1S 6+00W	.7	3.10	93	ND	157	8	.56	1.0	28	233	53	3.70	.12	2.34	487	2	.01	265	.05	21	ND	ND	ND	2	26	ND	3	117
L1S 6+30W	.8	3.02	23	ND	308	ND	.63	1.0	26	127	60	4.26	.16	1.47	1189	4	.01	157	.07	15	ND	ND	4	ND	31	ND	ND	186
L1S 6+60W	.8	2.93	72	ND	179	ND	.84	.7	30	163	95	4.80	.16	2.40	1018	4	.01	217	.07	15	ND	ND	14	1	31	ND	ND	98
L1S 7+20W	.8	3.13	60	ND	192	ND	.60	.7	23	110	55	4.46	.15	1.43	621	4	.01	132	.03	16	ND	ND	8	2	18	5	ND	103
L1S 7+50W	.6	3.33	98	ND	208	ND	.46	.7	27	108	38	3.80	.13	1.26	732	4	.01	145	.04	24	ND	ND	3	1	19	ND	ND	162
L1S 7+80W	.3	4.15	58	ND	137	ND	.52	.6	35	219	45	3.94	.11	2.94	487	3	.01	339	.02	12	ND	ND	ND	ND	19	ND	ND	75
L1S 8+10W	.1	6.30	59	ND	151	ND	.44	.5	42	210	66	4.39	.11	3.70	544	5	.01	267	.03	8	ND	ND	ND	ND	15	ND	10	90
L1S 8+40W	.4	3.87	283	ND	166	ND	.40	.1	27	171	43	3.97	.12	1.99	416	4	.01	227	.02	21	ND	ND	6	1	18	ND	ND	149
L1S 8+70W	.4	3.58	159	ND	187	ND	.43	1.4	42	283	31	4.34	.12	2.33	483	3	.01	446	.02	27	ND	ND	ND	ND	22	ND	4	272
L1S 9+00W	4.3	3.81	739	ND	381	ND	.45	1.1	33	266	49	4.61	.14	2.68	586	4	.01	315	.02	100	ND	ND	271	ND	31	ND	ND	382
L1S 9+30W	.7	2.73	25	ND	180	ND	.57	.5	23	111	45	4.17	.14	1.32	710	4	.01	132	.03	12	ND	ND	6	ND	22	ND	ND	102
L1S 9+60W	.7	3.11	26	ND	171	5	.66	.7	30	244	47	4.15	.14	2.25	738	3	.01	277	.04	14	ND	ND	ND	2	25	ND	ND	88
L1S 9+90W	.4	2.88	39	ND	279	ND	.66	1.0	25	111	58	4.39	.16	1.24	1221	3	.01	146	.05	21	ND	ND	7	ND	38	ND	ND	207
L1S 10+20W	.2	2.86	51	ND	147	ND	.45	.7	22	140	36	4.92	.14	1.97	585	5	.01	162	.11	18	ND	ND	13	1	20	ND	ND	272
L1S 10+50W	.7	2.81	34	ND	186	ND	.47	.8	21	84	51	4.31	.14	1.18	483	3	.01	108	.04	14	ND	ND	7	ND	24	ND	ND	219
L1S 10+80W	1.1	2.74	39	ND	145	ND	.65	.4	25	82	42	3.94	.14	1.19	595	3	.01	94	.04	17	ND	ND	7	2	17	ND	ND	122

CLIENT: BIG "I" DEVELOPMENT LTD. JOB#: 85345 PROJECT: OLYMPIA REPORT: 85-01-081

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L1S 11+10W	.9	2.75	35	ND	187	ND	.61	1.6	23	75	40	4.04	.13	1.06	677	4	.01	114	.07	20	ND	ND	5	ND	22	ND	4	200
L1S 11+40W	1.1	3.49	169	ND	130	3	.62	1.1	27	109	67	5.29	.15	1.61	487	5	.01	139	.09	58	ND	ND	34	5	18	ND	10	339
L1S 11+70W	1.0	3.15	66	ND	171	ND	.69	.7	24	83	59	4.41	.15	1.24	511	4	.01	105	.06	29	ND	ND	20	5	22	ND	12	179
L1S 12+00W	1.7	3.99	21	ND	250	5	.98	1.7	31	89	69	5.13	.18	1.60	993	3	.01	99	.09	16	ND	ND	ND	9	32	3	11	196
L1S 12+30W	.6	2.87	94	ND	279	ND	.72	.5	26	110	104	5.96	.21	1.34	1581	5	.01	134	.03	17	ND	ND	5	ND	52	5	4	139
L1S 12+60W	.6	3.43	30	ND	226	ND	.48	1.5	25	78	43	4.01	.13	1.02	1031	3	.01	108	.09	13	ND	ND	ND	1	31	ND	ND	357
L1S 12+90W	.9	3.33	12	ND	204	ND	.89	1.4	29	72	68	4.82	.17	1.16	903	3	.01	114	.13	15	ND	ND	ND	ND	31	ND	9	669
BL.8L.188 00W	.5	3.35	33	ND	351	ND	.48	.8	28	111	83	5.39	.16	1.58	2160	6	.01	162	.08	14	ND	ND	22	1	29	ND	9	147
L13S 0+30W	.7	4.02	27	ND	348	ND	.41	.7	34	92	47	5.29	.16	1.13	2523	5	.01	115	.18	15	ND	ND	15	1	22	ND	9	217
L13S 0+60W	.7	3.07	37	ND	269	ND	.51	1.6	26	79	55	5.30	.15	1.12	588	4	.01	100	.05	17	ND	ND	21	3	24	ND	8	167
L13S 0+90W	.7	3.62	19	ND	362	ND	.50	1.0	32	65	42	4.92	.15	.84	2797	6	.01	66	.14	14	ND	ND	3	2	30	ND	3	189
L13S 1+50W	.7	3.43	16	ND	663	ND	.37	.7	31	104	63	5.20	.17	1.13	1038	6	.01	87	.08	20	ND	ND	ND	2	27	NB	7	150
L13S 1+80W	.3	3.60	26	ND	251	ND	.24	.9	32	101	66	5.50	.15	1.05	2494	7	.01	96	.08	17	ND	ND	ND	1	19	ND	ND	135
L13S 2+10W	.1	4.09	42	ND	402	ND	.24	.5	37	126	135	6.54	.18	1.35	1486	9	.01	179	.05	20	ND	ND	ND	ND	39	ND	14	206
L13S 2+40W	.4	3.53	34	ND	168	ND	.37	.7	37	137	79	6.51	.17	1.64	1129	6	.01	170	.08	12	ND	ND	5	1	16	ND	10	113
L13S 2+70W	.7	3.36	23	ND	208	ND	.57	.6	27	90	51	5.77	.16	1.22	529	5	.01	104	.03	12	ND	ND	6	1	22	ND	7	98
L13S 3+00W	.6	3.30	21	ND	227	ND	.77	.5	27	92	68	5.35	.17	1.29	570	4	.01	130	.03	8	ND	ND	ND	ND	21	ND	4	90
L13S 3+30W	.1	3.53	31	ND	280	ND	.35	.3	26	103	76	5.81	.17	1.09	997	6	.01	132	.07	12	ND	ND	ND	ND	23	ND	7	134
L13S 3+60W	.4	3.27	38	ND	214	ND	.66	.3	28	105	63	5.25	.16	1.39	860	6	.01	118	.03	11	ND	ND	3	1	28	ND	7	77
L13S 3+90W	.1	3.43	18	ND	292	ND	.38	.6	22	81	81	4.74	.14	.99	1396	7	.01	94	.04	17	ND	ND	ND	ND	30	ND	5	74
L13S 4+50W	.7	2.54	28	ND	197	ND	.48	.3	22	66	45	4.46	.14	.80	956	5	.01	66	.04	16	ND	ND	5	1	25	ND	ND	93
L13S 6+60W	.8	2.94	33	ND	234	ND	.89	.6	32	88	116	6.06	.20	1.87	1583	4	.01	111	.05	12	ND	ND	17	3	26	ND	10	104
L13S 6+90W	.3	3.09	63	ND	179	ND	.43	.4	28	91	90	5.61	.15	1.55	1201	5	.01	108	.04	16	ND	ND	39	ND	22	ND	9	107
L13S 7+50W	.6	2.91	19	ND	369	ND	.70	.5	33	84	133	6.45	.22	1.66	2009	6	.01	110	.04	17	ND	ND	6	1	28	ND	8	115
L13S 9+30W	.3	2.96	35	ND	583	ND	.37	.7	32	57	175	6.14	.18	.75	1936	6	.01	70	.08	22	ND	ND	3	ND	26	ND	ND	190
S.S. 1	.8	2.30	82	ND	281	ND	2.20	.4	32	104	98	5.83	.21	2.21	2085	4	.01	141	.07	14	ND	ND	19	ND	50	5	11	114
S.S. 2	.8	2.43	65	ND	298	ND	1.92	.4	32	142	92	5.64	.21	2.61	1795	4	.01	192	.06	15	ND	ND	14	ND	47	8	7	115
S.S. 3	.4	2.09	44	ND	218	ND	1.14	.7	19	51	62	4.30	.17	1.40	1509	3	.01	76	.06	14	ND	ND	5	ND	33	ND	4	96

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: BIG "I" DEVELOPMENT
ATTENTION: JIM MCLEOD
PROJECT: ---

REPORT#: 85-01-079
JOB#: 85363
INVOICE#: 8935

DATE RECEIVED: 85/09/04
DATE COMPLETED: 95/09/09
COPY SENT TO: J. MCLEOD

ANALYST al Reeves

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L3S 6+30W	.5	.77	4	ND	1021	ND	1.20	.4	5	33	15	1.84	.13	.71	601	2	.01	27	.03	7	ND	ND	ND	ND	108	ND	ND	51
L5S 6+30W	.2	1.27	4	ND	508	ND	.17	.2	10	127	17	2.19	.12	.44	736	2	.01	17	.03	13	ND	ND	ND	ND	12	ND	ND	58
L5S 6+60W	.4	.69	10	ND	109	ND	4.81	.1	2	18	18	1.27	.14	.34	303	2	.01	14	.01	5	ND	ND	ND	ND	260	7	ND	25
L9S 3+30W	3.0	4.67	ND	ND	125	11	7.37	.5	43	111	54	5.62	.21	2.46	1127	1	.01	67	.10	14	ND	ND	ND	21	97	8	7	76
L9S 3+00W	2.2	5.37	ND	ND	92	11	6.25	.7	37	125	51	5.48	.20	3.42	1003	ND	.01	70	.07	10	ND	ND	ND	13	86	6	13	58
L9S 4+50W	2.9	4.53	7	ND	75	13	9.60	1.0	33	46	38	4.69	.16	1.90	901	1	.01	45	.10	16	ND	ND	ND	19	105	ND	7	55
L9S 6+00W	1.1	3.21	ND	ND	53	ND	10.88	.1	22	49	59	4.36	.13	.85	786	1	.01	23	.04	7	ND	ND	ND	3	212	ND	ND	55
L9S 7+20W	.5	1.24	10	ND	111	ND	.27	J	6	209	82	2.44	.12	.61	807	1	.01	15	.04	8	ND	ND	ND	ND	14	ND	ND	56
L9S 11+20W	1.9	3.78	ND	ND	279	9	2.36	.7	39	117	132	5.44	.20	3.77	947	1	.01	101	.05	7	ND	ND	ND	9	50	ND	11	58
L9S 11+40W	1.5	2.80	5	ND	66	4	3.14	.5	29	70	77	4.03	.20	2.67	599	1	.01	123	.10	6	ND	ND	ND	6	54	ND	ND	51

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: BIG "I" DEVELOPMENT LTD.
ATTENTION: MR. JIM MCLEOD
PROJECT: OLYMPIA

REPORT#: 85-01-082
JOB#: 85344
INVOICE#: 8938

DATE RECEIVED: 85/08/29
DATE COMPLETED: 85/09/05
COPY SENT TO: MR. JIM MCLEOD

ANALYST W. Rowe

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L13S 9+60W	.2	4.07	23	ND	219	ND	.27	.4	31	88	88	5.86	.14	1.01	1913	6	.16	86	.06	17	ND	ND	ND	2	12	ND	10	140
L13S 9+90W	.1	3.36	27	ND	224	ND	.15	.3	21	49	112	5.55	.15	.59	2646	7	.13	51	.08	18	ND	ND	ND	1	14	ND	ND	147
L13S 10+20W	.1	3.34	19	ND	230	ND	.28	.4	22	65	99	5.49	.14	.91	1080	5	.15	65	.05	18	ND	ND	5	1	17	ND	4	113
7891	.1	5.07	3	ND	18	ND	5.57	.3	11	254	180	.77	.08	1.26	181	3	.03	110	.01	8	ND	ND	ND	ND	73	ND	ND	11
7892	.4	.26	11	ND	98	ND	3.89	.6	10	97	51	3.22	.15	2.69	588	6	.16	78	.02	13	ND	ND	4	ND	61	4	ND	60
7893	.3	.98	29	ND	40	ND	14.57	.4	11	54	113	1.79	.01	.59	935	2	.06	22	.03	8	ND	ND	10	ND	337	ND	ND	49
7894	.3	1.54	11	ND	14	ND	.56	.2	15	150	97	3.21	.09	.72	844	3	.10	30	.01	21	ND	ND	6	1	8	ND	ND	75
7895	.4	1.54	94	ND	43	ND	3.94	.6	19	98	27	3.89	.16	.79	897	2	.14	47	.06	16	ND	ND	5	ND	46	4	ND	163
7896	12.9	.01	4064	ND	3	ND	18.33	16.6	ND	67	186	1.22	.01	.49	6709	1	.01	6	.01	2507	ND	ND	16	ND	69	ND	ND	1493
7897	.6	.92	224	ND	136	3	1.52	.6	7	121	47	1.74	.12	1.50	286	3	.07	43	.02	39	ND	ND	5	ND	32	ND	ND	39
7898	.5	.86	23	ND	163	6	1.61	.6	12	162	91	1.76	.11	2.23	305	3	.10	120	.04	18	ND	ND	ND	1	72	ND	ND	43
NO NUMBER SAMPLE	1.0	.35	48	ND	120	ND	1.34	.3	2	65	161	.57	.09	.26	209	1	.01	11	.04	6	ND	ND	ND	ND	79	ND	ND	9
KEL OK. DUMP	19.0	.01	48	ND	7	ND	.05	18.1	284	87	90250	26.22	.38	.04	42	39	.01	237	.01	411	ND	ND	25	3	2	ND	110	10727
L0S 7+20W	.5	.35	23	ND	12	ND	1.53	.4	2	68	461	.37	.06	.29	70	1	.02	8	.02	9	ND	ND	ND	ND	70	ND	ND	72
L0S 7+80W	.7	.43	26	ND	11	ND	1.15	.3	ND	84	243	.21	.06	.24	71	1	.01	10	.02	3	ND	ND	ND	ND	60	ND	ND	21
L1S 2+10W	.6	1.66	ND	ND	173	5	.08	.1	7	107	67	2.90	.17	.90	360	24	.08	18	.03	8	ND	ND	ND	1	4	ND	ND	48
L1S 6+75W	.1	4.91	ND	ND	92	3	1.84	.6	9	144	95	.85	.07	2.24	181	4	.02	96	.01	5	ND	ND	ND	1	243	ND	4	7
L13S 1+20W	.2	.34	ND	ND	76	ND	.44	.1	2	242	30	.69	.05	.23	219	3	.01	19	.01	12	ND	ND	ND	ND	17	ND	ND	25
L13S 4+80W	.1	.29	359	ND	59	ND	8.20	.6	45	229	29	5.70	.15	6.34	1086	2	.33	441	.03	10	ND	ND	70	ND	341	NB	ND	53
L13S 5+10W	3.0	4.23	11	3	113	15	2.60	.8	46	145	75	7.19	.21	5.01	1227	4	.29	48	.12	18	ND	ND	ND	6	57	ND	6	91
L13S 5+40W	.8	1.80	3	ND	102	ND	1.51	.3	10	42	31	3.39	.14	.78	765	2	.09	30	.17	10	ND	ND	ND	2	34	NB	ND	70
L13S 5+70W	.9	3.88	ND	ND	96	ND	3.33	.5	34	28	111	5.37	.16	2.34	1210	3	.18	38	.06	8	ND	ND	ND	2	75	ND	ND	70
L13S 6+00W CREEK	.5	4.81	ND	ND	114	ND	2.46	.4	36	117	81	6.77	.18	5.40	1022	3	.31	90	.06	10	ND	ND	ND	2	92	ND	9	54
L13S 6+30W	1.5	3.81	ND	ND	86	6	3.00	.4	37	209	63	5.80	.17	3.34	1382	4	.23	143	.07	10	ND	ND	ND	4	71	ND	5	89
L13S 7+20W	.4	1.27	4	ND	41	ND	13.21	.4	9	42	25	2.93	.07	1.28	955	3	.08	23	.58	10	ND	ND	7	2	236	ND	ND	31
L13S 7+80W	1.0	3.57	ND	ND	74	3	3.32	.6	30	53	85	6.69	.19	2.04	1194	3	.21	39	.09	10	ND	ND	ND	3	42	ND	ND	102
L13S 8+10W	.7	5.46	4	ND	19	ND	4.83	.4	34	112	51	6.10	.16	2.52	1239	4	.22	49	.05	11	ND	ND	ND	3	33	ND	12	88
L13S 8+40W	1.2	2.45	ND	ND	35	ND	2.71	.6	23	34	68	4.53	.15	1.22	804	2	.13	32	.06	9	ND	ND	ND	3	28	ND	ND	69
L13S 8+70W	1.9	3.50	ND	ND	38	9	2.20	.8	37	91	51	5.78	.19	4.36	909	4	.24	63	.14	12	ND	ND	3	4	49	ND	6	74
L13S 9+00W	1.1	3.41	ND	ND	46	4	2.12	.4	30	22	37	6.02	.20	3.82	1356	4	.23	24	.20	10	ND	ND	ND	3	46	ND	3	84
L13S 10+80W	.8	3.07	ND	ND	56	ND	4.77	.5	25	58	62	4.72	.14	2.08	902	3	.17	36	.05	8	ND	ND	ND	2	68	ND	ND	71

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,TI AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: BIG "I" DEVELOPMENT
ATTENTION: Mr. Jim McLeod
PROJECT: N/G

REPORT#: 85-01-089
JOB#: 85364
INVOICE#: 8971

DATE RECEIVED: 85/09/04
DATE COMPLETED: 85/09/13
COPY SENT TO: JIM MCLEOD

ANALYST Ge Ramos

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L3S 0+00W	.4	2.20	41	ND	139	ND	.57	.5	27	160	74	3.95	.12	2.31	516	2	.01	310	.11	14	ND	ND	5	ND	42	ND	12	69
L3S 0+30W	.4	2.26	19	ND	148	ND	.28	.4	38	165	44	4.17	.11	1.97	828	2	.01	286	.08	11	ND	ND	3	2	17	ND	9	50
L3S 0+60W	.4	2.02	23	ND	148	3	.26	.3	41	195	55	4.19	.11	3.39	915	2	.01	365	.06	9	ND	ND	3	1	20	ND	8	52
L3S 0+90W	.6	2.08	11	ND	149	ND	.37	.1	41	97	28	3.17	.11	1.16	764	2	.01	139	.09	11	ND	ND	ND	1	22	ND	6	51
L3S 1+20W	.3	3.51	25	ND	127	9	.29	.1	59	739	196	5.43	.14	4.45	256	3	.01	798	.06	13	ND	ND	ND	1	40	ND	16	38
L3S 1+50W	.5	1.83	21	ND	150	ND	.29	.3	18	95	34	3.28	.10	.93	425	2	.01	118	.06	10	ND	ND	3	2	16	ND	4	76
L3S 2+40W	.3	3.29	31	ND	563	ND	.57	.6	38	139	101	5.38	.19	1.45	4407	3	.01	250	.15	25	ND	ND	4	1	45	ND	8	248
L3S 2+70W	.2	1.90	19	ND	587	3	.19	.2	46	457	48	6.48	.14	3.57	1176	2	.01	471	.03	11	ND	ND	ND	ND	26	ND	14	50
L3S 3+00W	.5	2.24	22	ND	183	3	.30	.1	24	141	31	3.38	.09	1.55	440	2	.01	216	.02	8	ND	ND	ND	1	13	ND	6	69
L3S 3+30W	.6	2.52	27	ND	313	ND	.28	.4	34	124	37	3.59	.11	1.91	1061	3	.01	261	.02	10	ND	ND	ND	2	18	ND	7	101
L3S 3+60W	.5	2.15	23	ND	147	4	.30	.2	30	140	32	3.82	.09	2.95	332	2	.01	314	.02	10	ND	ND	3	1	13	ND	7	55
L3S 4+20W	.1	.91	12	ND	21	ND	.02	.1	82	210	54	4.43	.06	17.92	619	ND	.01	1404	.01	ND	ND	ND	ND	ND	2	ND	ND	12
L3S 4+50W	.1	3.01	8	ND	192	ND	.22	.1	76	391	41	5.30	.12	8.90	715	1	.01	681	.01	9	ND	ND	ND	ND	16	ND	7	37
L3S 4+80W	.3	2.00	68	ND	159	ND	.40	.5	27	153	35	4.16	.12	2.24	713	3	.01	191	.08	12	ND	ND	10	1	26	ND	6	70
L3S 5+10W	.9	1.52	74	ND	292	ND	.33	.6	16	48	62	4.58	.14	.42	606	4	.01	101	.05	74	ND	ND	25	1	26	ND	ND	147
L3S 5+40W	.3	1.67	18	ND	192	ND	.37	.1	11	39	25	3.56	.11	.47	285	2	.01	44	.03	8	ND	ND	3	ND	27	ND	ND	78
L3S 5+70W	.5	2.18	21	ND	462	ND	.34	.3	20	72	50	4.06	.13	.68	1314	4	.01	108	.05	14	ND	ND	3	1	27	ND	ND	167
L3S 6+00W	.6	2.59	131	ND	387	ND	.40	.3	18	90	41	4.66	.14	.88	833	3	.01	134	.04	16	ND	ND	15	ND	28	ND	4	119
L3S 6+60W	.6	2.99	55	ND	374	ND	.35	.5	24	197	89	5.29	.16	1.84	812	6	.01	222	.04	16	ND	ND	7	ND	25	ND	3	135
L3S 6+90W	.6	2.82	60	ND	423	3	1.06	1.1	37	171	122	6.09	.19	2.57	2092	5	.01	216	.09	14	ND	ND	15	2	44	ND	14	144
L3S 7+20W	.6	2.44	31	ND	411	ND	.91	1.1	23	89	145	4.47	.16	1.20	1525	3	.01	123	.16	11	ND	ND	5	1	42	ND	ND	205
L3S 7+50W	.9	1.97	15	ND	153	ND	.49	.1	19	85	43	3.62	.12	1.11	533	3	.01	101	.04	9	ND	ND	3	2	19	ND	ND	84
L3S 7+80W	.9	2.34	19	ND	229	ND	.37	.3	20	65	39	3.65	.12	.78	969	4	.01	75	.05	21	ND	ND	ND	2	18	ND	ND	111
L5S 0+00W	.6	2.69	22	ND	276	ND	.26	1.2	33	218	46	4.51	.13	1.71	1534	2	.01	285	.05	14	ND	ND	ND	1	21	ND	5	128
L5S 0+20W	.5	3.11	21	ND	491	ND	.49	1.0	28	169	88	5.17	.18	2.24	850	11	.01	231	.12	23	ND	ND	ND	ND	43	ND	7	167
L5S 0+30W	.6	2.65	13	ND	216	ND	.19	.4	23	132	34	4.79	.13	1.54	801	4	.01	151	.04	21	ND	ND	ND	1	36	ND	4	84
L5S 0+60W	.5	2.36	29	ND	158	ND	.26	.2	23	133	42	5.11	.12	1.13	389	4	.01	138	.03	12	ND	ND	ND	2	13	ND	ND	62
L5S 0+90W	.7	2.41	20	ND	325	ND	.38	.2	27	86	31	4.31	.13	.99	1343	3	.01	145	.08	14	ND	ND	ND	1	31	ND	ND	124
L5S 1+20W	.7	1.92	23	ND	197	ND	.26	.5	19	83	24	3.89	.12	.76	601	3	.01	110	.04	11	ND	ND	ND	ND	18	ND	ND	80
L5S 1+50W	.9	1.59	25	ND	155	ND	.24	.3	15	84	22	3.32	.12	.66	387	3	.01	74	.04	13	ND	ND	3	ND	11	ND	ND	70
L5S 1+80W	1.0	2.01	20	ND	192	ND	.35	.9	18	79	27	3.68	.12	.78	483	3	.01	91	.03	16	ND	ND	3	2	19	ND	ND	90
L5S 2+10W	1.1	2.10	25	ND	214	ND	.40	.5	17	77	28	3.84	.13	.78	420	3	.01	99	.04	15	ND	ND	4	1	20	ND	ND	78
L5S 2+40W	.8	2.14	20	ND	257	ND	.34	.1	20	86	30	4.17	.14	.80	797	3	.01	105	.05	11	ND	ND	3	2	15	ND	ND	77
L5S 2+70W	1.1	2.45	48	ND	311	ND	.43	.2	19	97	30	4.09	.15	.87	504	3	.01	120	.05	14	ND	ND	4	2	21	ND	ND	86
L5S 3+00W	.8	1.34	155	ND	131	ND	.37	.2	50	583	33	4.47	.13	1.20	372	3	.01	623	.04	9	ND	ND	39	ND	22	ND	ND	44
L5S 3+30W	1.2	2.53	23	ND	155	ND	.47	.5	24	88	42	4.65	.15	1.05	936	3	.01	96	.04	14	ND	ND	6	3	18	ND	ND	72
L5S 3+60W	.1	.57	325	ND	1277	ND	7.10	.1	82	16	176	8.95	.25	.82	36541	11	.01	723	.09	4	ND	ND	ND	ND	354	ND	ND	16
L5S 3+90W	1.1	2.33	27	ND	193	ND	.39	.1	21	64	21	3.92	.13	.69	1129	3	.01	64	.06	17	ND	ND	3	1	19	ND	ND	82
L5S 4+20W	1.0	1.93	27	ND	166	ND	.37	.2	15	55	24	3.49	.12	.66	483	3	.01	58	.05	12	ND	ND	ND	ND	21	ND	ND	79

CLIENT: BIG "I" DEVELOPMENT JOB#: 85364 PROJECT: N/6 REPORT: 85-01-089

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L5S 4+50W	.4	2.18	23	ND	192	ND	.51	.4	19	70	40	3.92	.12	.86	786	3	.01	82	.05	15	ND	ND	ND	3	20	ND	ND	98
L5S 4+80W	.7	2.35	55	ND	249	ND	.58	.2	20	85	57	4.29	.12	1.14	591	2	.01	103	.02	11	ND	ND	ND	5	18	ND	ND	92
L5S 5+10W	.3	1.59	87	ND	288	ND	.40	.1	24	124	82	5.61	.14	.80	552	4	.01	240	.03	12	ND	ND	10	3	17	ND	3	92
L5S 5+40W	.3	2.38	60	ND	349	ND	.43	.5	24	145	100	5.72	.16	1.32	842	5	.01	209	.04	15	ND	ND	8	1	22	ND	ND	115
L5S 5+70W	.1	2.43	344	ND	489	ND	.39	.9	23	124	68	5.36	.15	1.20	1039	3	.01	179	.04	13	ND	ND	8	ND	25	ND	ND	138
L5S 6+00W	.1	2.95	16	ND	227	ND	.31	.7	26	200	119	4.92	.16	2.47	627	7	.01	253	.03	14	ND	ND	ND	ND	20	ND	5	125
L5S 6+90W	.3	2.35	25	ND	197	ND	.63	.6	26	133	89	4.82	.15	1.95	1093	4	.01	162	.05	13	ND	ND	ND	2	24	ND	6	99
L5S 7+20W	.4	2.62	12	ND	248	ND	.54	.6	19	80	38	3.76	.13	1.03	711	1	.01	118	.09	11	ND	ND	ND	2	22	ND	ND	166
L5S 7+50W	.5	2.78	21	ND	146	ND	.49	.2	22	73	45	4.45	.12	.92	531	2	.01	86	.14	13	ND	ND	ND	4	13	ND	ND	92
L5S 7+80W	.4	2.47	14	ND	311	ND	.45	.4	19	68	44	4.07	.12	.91	1106	1	.01	88	.07	10	ND	ND	3	3	19	ND	ND	141
L5S 8+10W	.3	2.36	15	ND	246	ND	.49	.5	20	80	43	4.62	.13	1.14	706	2	.01	100	.06	11	ND	ND	5	2	15	ND	ND	107
L5S 8+40W	.3	2.57	18	ND	273	ND	.43	.3	19	80	39	4.06	.11	.98	606	2	.01	102	.05	10	ND	ND	ND	2	18	ND	ND	102
L5S 8+70W	.6	2.28	26	ND	134	ND	.60	.5	22	100	65	4.24	.13	1.45	592	2	.01	110	.03	10	ND	ND	3	5	16	ND	3	71
L5S 9+00W	.5	2.46	32	ND	129	6	.49	.6	23	109	63	4.46	.13	1.39	596	3	.01	121	.03	14	ND	ND	4	3	16	ND	3	80
L5S 9+30W	.6	2.60	19	ND	115	ND	.53	.2	24	104	41	4.40	.13	1.15	492	2	.01	109	.02	14	ND	ND	ND	4	16	ND	3	56
L5S 9+60W	.8	2.64	27	ND	148	7	.65	.4	24	133	61	4.41	.14	1.62	599	2	.01	144	.03	13	ND	ND	ND	6	17	ND	5	80
L5S 9+90W	.6	2.43	37	ND	117	ND	.55	.6	24	128	70	4.53	.13	1.57	587	3	.01	144	.02	13	ND	ND	4	4	15	ND	ND	76
L9S 0+00W	.3	2.51	18	ND	471	ND	.30	1.1	26	79	30	4.26	.11	.78	1764	4	.01	76	.08	17	ND	ND	ND	2	21	ND	ND	168
L9S 0+30W	.4	2.21	23	ND	252	ND	.31	.9	18	102	34	3.93	.11	1.30	417	3	.01	102	.03	12	ND	ND	ND	1	18	ND	ND	85
L9S 0+60W	.4	2.59	21	ND	240	ND	.28	.4	21	96	32	4.69	.12	1.04	490	3	.01	92	.08	22	ND	ND	ND	2	14	ND	ND	110
L9S 0+90W	.4	3.54	8	ND	324	ND	.80	.7	19	68	39	4.29	.18	1.03	937	2	.01	102	.04	30	ND	ND	ND	ND	59	ND	ND	111
L9S 1+20W	.3	2.69	17	ND	228	ND	.30	.6	22	113	35	4.59	.13	1.18	547	4	.01	124	.05	14	ND	ND	ND	2	16	ND	ND	104
L9S 1+50W	.2	3.04	19	ND	195	ND	.31	.3	19	71	32	4.87	.13	.95	484	3	.01	83	.04	15	ND	ND	ND	ND	18	ND	ND	94
L9S 1+80W	.6	2.74	12	ND	478	ND	.40	.9	24	80	52	4.50	.15	.72	1857	3	.01	87	.09	18	ND	ND	6	2	27	ND	ND	150
L9S 2+10W	.7	2.75	23	ND	375	3	.39	1.3	24	66	41	4.74	.15	.73	1842	3	.01	65	.09	16	ND	ND	ND	2	23	ND	ND	187
L9S 2+40W	.4	2.68	13	ND	520	ND	.40	.9	23	86	39	5.69	.17	.85	947	3	.01	129	.06	15	ND	ND	8	ND	30	ND	ND	93
L9S 2+70W	.7	3.67	26	ND	182	ND	.59	.8	40	107	139	8.16	.22	1.74	1573	2	.01	103	.11	14	ND	ND	3	4	30	ND	7	112
L9S 3+30W	1.0	3.00	17	ND	160	6	.52	.5	29	78	69	5.66	.18	1.29	974	2	.01	89	.05	14	ND	ND	5	7	15	ND	4	84
L9S 3+90W	1.3	4.87	14	ND	394	6	1.14	1.1	43	109	95	7.46	.26	2.83	1791	1	.01	112	.10	16	ND	ND	ND	10	42	ND	15	115
L9S 5+10W	.9	2.40	14	ND	181	3	.54	.6	22	69	57	5.13	.16	1.01	778	2	.01	84	.04	18	ND	ND	3	5	16	ND	ND	97
L9S 5+40W	.9	2.00	20	ND	198	3	.62	.6	22	75	71	4.37	.16	1.18	923	3	.01	93	.03	15	ND	ND	6	3	24	ND	5	89
L9S 5+70W	.4	2.44	30	ND	270	ND	.45	.9	28	76	77	5.49	.19	.86	1671	4	.01	89	.06	17	ND	ND	ND	1	30	ND	ND	142
L9S 6+30W	.3	2.60	129	ND	384	3	.59	1.1	39	176	138	6.31	.21	2.15	2072	7	.01	290	.07	22	ND	ND	7	ND	34	ND	9	160
L9S 6+60W	.5	2.22	13	ND	218	ND	.41	.8	17	63	42	3.82	.14	.83	785	1	.01	86	.09	12	ND	ND	ND	1	20	ND	ND	125
L9S 6+90W	.8	2.80	30	ND	229	ND	.63	.7	23	84	58	4.91	.16	1.11	1012	2	.01	105	.10	15	ND	ND	15	4	23	ND	ND	121
L9S 7+50W	.3	2.89	14	ND	261	ND	.40	.6	19	52	49	4.71	.15	.79	1081	3	.01	68	.09	16	ND	ND	ND	ND	22	ND	ND	135
L9S 7+80W	.8	3.02	17	ND	211	4	.57	.7	26	70	60	5.29	.16	.92	1626	3	.01	78	.10	19	ND	ND	3	4	23	ND	ND	120
L9S 8+10W	1.0	2.48	13	ND	261	3	.61	1.3	21	56	38	4.05	.15	.60	1703	2	.01	52	.08	20	ND	ND	ND	3	22	ND	ND	175
L9S 8+40W	1.0	2.53	13	ND	152	ND	.54	1.9	23	49	41	5.03	.16	.83	1049	2	.01	61	.08	16	ND	ND	ND	4	20	ND	ND	145

CLIENT: BIG "I" DEVELOPMENT JOB#: 85364 PROJECT: N/6 REPORT: 85-01-089

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L9S 8+70W	.5	2.49	9	ND	170	ND	.46	.8	25	51	39	5.28	.14	.81	1981	1	.01	57	.15	15	ND	ND	ND	1	15	ND	ND	138
L9S 9+00W	1.0	2.43	8	ND	232	ND	.43	2.5	23	48	41	4.97	.15	.71	2399	2	.01	56	.10	18	ND	ND	3	2	16	ND	ND	132
L9S 9+30W	1.1	2.19	11	ND	203	4	.44	1.4	22	50	51	4.95	.14	.89	1444	2	.01	67	.08	18	ND	ND	ND	3	16	ND	ND	133
L9S 9+60W	.7	2.62	6	ND	223	ND	.56	1.1	28	55	40	5.57	.17	.83	2929	3	.01	66	.06	19	ND	ND	ND	4	18	ND	ND	107
L9S 9+90W	.8	2.76	10	ND	265	6	.65	.6	25	66	60	5.69	.17	1.04	1482	2	.01	91	.05	16	ND	ND	ND	4	22	ND	ND	96
L9S 10+20W	.4	2.96	13	ND	123	ND	.56	.5	30	82	84	5.31	.15	1.42	1048	1	.01	101	.04	11	ND	ND	ND	2	20	ND	ND	71
L9S 10+50W	.4	2.66	10	ND	173	ND	.51	.4	24	66	87	5.13	.14	1.04	571	1	.01	82	.04	12	ND	ND	4	ND	16	ND	ND	82
L9S 10+80W	.4	2.51	19	ND	123	ND	.58	.7	25	94	59	5.41	.15	1.38	916	2	.01	112	.05	13	ND	ND	3	2	20	ND	ND	84
L9S 11+70W	.3	2.23	20	ND	217	ND	.38	.4	18	65	42	4.78	.13	.75	1116	1	.01	78	.05	16	ND	ND	ND	ND	18	ND	ND	97
L9S 12+30W	.1	3.50	12	ND	225	ND	.41	.4	32	59	101	6.69	.18	.87	3489	4	.01	64	.08	23	ND	ND	4	ND	24	ND	5	108
L9S 12+60W	.3	2.95	21	ND	259	3	.54	.6	23	46	76	5.74	.17	.89	2353	2	.01	60	.09	20	ND	ND	ND	1	27	ND	4	127
L9S 12+90W	.3	2.98	17	ND	261	ND	.54	.5	23	47	77	5.78	.17	.90	2374	2	.01	59	.09	21	ND	ND	3	1	27	ND	ND	129
L9S 13+20W	.6	3.63	3	ND	360	ND	.89	.6	32	47	173	5.88	.23	1.20	3746	2	.01	86	.07	24	ND	ND	ND	1	39	ND	5	139

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: BIG "I"
ATTENTION:MR. Jim McLeod
PROJECT: LINE SAMPLES

REPORT#: 85-01-090
JOB#: 85411
INVOICE#: 8991

DATE RECEIVED: 85/09/18
DATE COMPLETED: 85/09/23
COPY SENT TO:JIM McLEOD

ANALYST W. Reeves

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
DI-1	.2	.03	ND	ND	14	ND	.37	.1	84	3	2267	29.45	.50	.06	167	ND	.01	9	.04	ND	ND	ND	ND	ND	17	ND	34	13
DI-RED	.1	.47	432	ND	238	ND	5.36	1.9	8	52	86	2.86	.16	.75	798	2	.01	22	.10	7	ND	ND	29	ND	120	5	ND	106
L3S 8+10W	.7	3.10	27	ND	248	3	.73	.4	24	94	71	5.56	.16	1.27	595	2	.01	112	.05	11	ND	ND	10	2	21	ND	7	101
L3S 8+40W	.4	2.63	14	ND	251	ND	.49	.7	19	68	37	3.54	.10	.84	712	1	.01	84	.06	12	ND	ND	ND	2	18	ND	ND	151
L3S 8+70W	.6	2.32	23	ND	157	ND	.58	.5	19	64	61	4.09	.11	.98	615	1	.01	74	.03	13	ND	ND	5	3	18	ND	ND	77
L3S 9+00W	.3	3.47	11	ND	325	ND	.47	.6	27	94	51	4.48	.13	1.09	1865	1	.01	109	.11	13	ND	ND	ND	ND	20	ND	ND	176
L3S 9+30W	.5	2.93	17	ND	212	ND	.44	.4	21	81	28	3.82	.11	.90	701	1	.01	86	.04	12	ND	ND	ND	1	22	ND	ND	171
L3S 9+60W	.5	2.97	25	ND	227	4	.53	.6	22	101	44	4.31	.12	1.23	602	1	.01	115	.04	13	ND	ND	ND	1	20	ND	ND	97
L3S 9+90W	1.3	3.17	5	ND	261	6	.66	.5	27	77	63	4.62	.14	.98	583	1	.01	90	.04	10	ND	ND	ND	9	19	ND	ND	94
L3S 10+80W	.4	2.70	17	ND	294	ND	.47	1.0	22	79	48	4.44	.12	1.07	1254	1	.01	104	.06	11	ND	ND	ND	2	21	ND	ND	140
L3S 11+10W	.1	1.81	25	ND	196	ND	.24	.4	16	40	102	5.28	.14	.47	417	2	.01	61	.07	17	ND	ND	ND	ND	29	ND	ND	143
L3S 11+40W	.1	3.00	12	ND	278	ND	.36	.5	23	55	37	4.27	.13	.61	1419	3	.01	66	.03	15	ND	ND	ND	ND	26	ND	ND	176
L3S 11+70W	.1	2.08	13	ND	196	ND	.30	.2	12	34	69	4.07	.11	.54	454	1	.01	44	.04	16	ND	ND	ND	ND	18	ND	ND	82
L3S 12+00W	.2	2.26	19	ND	166	ND	.39	.1	16	52	58	3.89	.10	.76	476	1	.01	64	.03	11	ND	ND	ND	ND	16	ND	ND	96
L3S 12+30W	.1	3.44	8	ND	322	ND	.38	.6	23	63	36	4.12	.12	.78	2753	2	.01	81	.08	17	ND	ND	ND	ND	18	ND	ND	217
L3S 12+60W	.2	3.43	9	ND	310	ND	.42	.7	21	77	43	4.27	.13	.93	1576	2	.01	87	.05	14	ND	ND	ND	ND	24	ND	ND	186
L3S 12+90W	.1	3.30	4	ND	358	ND	.47	.7	22	96	52	4.24	.12	1.20	1126	1	.01	110	.11	11	ND	ND	ND	ND	27	ND	ND	162
L5S 6+60W(R)	.1	.92	27	ND	378	ND	1.64	.4	8	46	48	2.16	.12	1.66	592	2	.01	77	.02	9	ND	ND	8	ND	92	4	ND	43
L5S 10+50W	.1	2.13	6	ND	313	ND	.65	.7	20	56	51	3.79	.11	.85	2014	1	.01	62	.21	10	ND	ND	ND	ND	34	ND	ND	145
L5S 11+10W	.1	2.41	16	ND	566	ND	.40	.4	20	47	106	6.75	.20	.74	1530	3	.01	61	.07	16	ND	ND	4	ND	28	ND	ND	163
L5S 11+40W	.6	3.20	7	ND	257	ND	.55	1.6	24	89	47	4.58	.13	1.09	911	2	.01	121	.05	14	ND	ND	ND	1	22	ND	ND	185
L5S 11+70W	.1	3.24	8	ND	264	ND	.33	.4	19	74	45	4.31	.12	.92	846	1	.01	89	.06	15	ND	ND	ND	ND	18	ND	ND	102
L5S 12+00W	.1	2.40	19	ND	252	ND	.31	.5	20	62	142	5.61	.14	.68	1285	1	.01	71	.07	15	ND	ND	3	ND	19	ND	ND	102
L5S 12+30W	.2	4.35	5	ND	320	ND	.65	.7	30	89	69	5.48	.15	1.31	1220	1	.01	105	.13	12	ND	ND	ND	ND	28	ND	ND	169
L5S 12+60W	.7	3.54	ND	ND	293	ND	.79	.8	29	73	68	5.84	.17	1.27	1026	ND	.01	88	.11	9	ND	ND	ND	4	26	ND	ND	139
L5S 13+20W	.3	2.86	17	ND	225	ND	.44	.8	22	103	45	4.49	.12	1.20	568	1	.01	127	.06	10	ND	ND	3	ND	23	ND	4	123
L7S 0+00W	.4	3.66	18	ND	301	ND	.34	1.5	28	93	55	6.10	.13	.97	1131	2	.01	113	.10	7	ND	ND	3	ND	23	ND	ND	188
L7S 0+30W	.2	3.90	78	ND	327	ND	.28	.9	27	133	52	6.76	.15	1.19	1572	2	.01	144	.12	9	ND	ND	ND	ND	23	ND	4	143
L7S 0+60W	.1	1.52	16	ND	393	ND	.22	.9	20	63	129	6.19	.15	.41	451	10	.01	131	.08	20	ND	ND	ND	ND	77	ND	ND	250
L7S 0+90W	.1	3.16	5	ND	258	ND	.36	.7	24	152	40	5.15	.10	1.48	680	2	.01	177	.04	9	ND	ND	ND	ND	23	ND	ND	102
L7S 1+20W	.3	2.78	9	ND	258	ND	.33	.8	22	88	27	4.55	.11	.95	698	2	.01	95	.04	16	ND	ND	ND	ND	19	ND	ND	98
L7S 1+50W	.2	3.79	4	ND	243	ND	.42	.8	26	99	33	5.11	.12	1.17	1133	4	.01	105	.05	12	ND	ND	ND	ND	27	ND	5	141
L7S 1+80W	.3	3.06	13	ND	215	ND	.37	.5	22	91	34	4.91	.12	.91	793	5	.01	77	.05	14	ND	ND	ND	ND	23	ND	ND	120
L7S 2+10W	.4	3.24	15	ND	230	ND	.46	.5	24	92	51	5.37	.12	1.24	676	2	.01	101	.04	10	ND	ND	7	2	16	ND	5	87
L7S 2+40W	.4	3.45	9	ND	298	ND	.47	.7	25	87	36	5.15	.13	1.04	1218	2	.01	85	.04	11	ND	ND	ND	2	25	ND	8	163
L7S 2+70W	.4	3.29	8	ND	227	ND	.45	.6	28	84	40	5.20	.12	1.08	1390	2	.01	90	.05	10	ND	ND	4	2	18	ND	6	113
L7S 3+00W	.5	3.17	4	ND	222	ND	.46	.8	24	99	31	4.42	.11	1.14	930	2	.01	116	.03	9	ND	ND	ND	2	21	ND	4	161
L7S 3+30W	.3	2.92	7	ND	191	ND	.34	.6	21	117	25	3.90	.09	1.39	527	1	.01	124	.02	10	ND	ND	ND	ND	15	ND	4	104
L7S 3+60W	.5	2.63	17	ND	187	ND	.57	.5	22	90	53	4.89	.12	1.29	661	3	.01	115	.04	9	ND	ND	ND	2	19	ND	7	107

CLIENT: BIG "I" JOB#: 85411 PROJECT: LINE SAMPLES REPORT: 85-01-090

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L7S 3+90W	.4	2.73	13	ND	266	ND	.45	.6	22	88	45	4.26	.11	1.16	658	2	.01	113	.03	9	ND	ND	3	2	14	ND	5	115
L7S 4+20W	.1	4.09	ND	ND	556	ND	.56	.8	30	204	72	5.45	.16	2.52	1126	2	.01	231	.05	7	ND	ND	ND	ND	32	ND	7	115
L7S 4+50W	.5	3.76	ND	ND	344	6	.58	.5	28	203	63	5.03	.14	2.52	671	2	.01	240	.04	12	ND	ND	ND	2	25	ND	5	120
L7S 4+80W	.8	4.00	ND	ND	483	6	.54	1.4	36	165	89	5.37	.19	2.14	1594	3	.01	202	.07	17	ND	ND	3	5	25	ND	10	223
L7S 5+10W	.4	1.41	25	ND	113	ND	.43	.3	16	69	62	3.52	.11	.92	726	1	.01	81	.02	7	ND	ND	9	1	14	9	ND	62
L7S 5+40W(R)	.1	1.28	11	ND	190	ND	.10	.5	6	16	53	2.01	.09	.44	704	1	.01	22	.03	9	ND	ND	ND	ND	6	ND	ND	66
L7S 5+70W	.5	3.07	10	ND	499	ND	.59	1.0	30	97	82	5.13	.18	1.32	1435	2	.01	127	.07	10	ND	ND	8	2	23	ND	7	140
L7S 6+00W(R)	.1	.65	13	ND	204	ND	1.53	.1	2	5	14	.99	.11	.29	276	ND	.01	8	.01	6	ND	ND	ND	ND	23	8	ND	26
L7S 6+30W(R)	1.0	3.36	ND	ND	178	7	2.63	.7	34	109	93	4.88	.19	2.77	1075	ND	.01	58	.04	6	4	ND	ND	4	136	16	8	63
L7S 6+60W	.1	1.37	213	ND	156	ND	.30	.3	25	76	89	4.94	.14	.67	585	7	.01	219	.07	14	ND	ND	166	ND	19	ND	ND	131
L7S 6+90W	.1	2.56	52	ND	288	ND	.44	1.0	24	75	52	4.91	.13	.97	1162	1	.01	93	.09	9	ND	ND	8	ND	19	ND	ND	125
L7S 7+20W	.6	3.44	6	ND	332	ND	.64	1.1	25	93	50	5.26	.17	1.16	1305	1	.01	117	.12	10	ND	ND	6	3	24	5	ND	181
L7S 7+50W	.3	2.78	12	ND	248	ND	.52	.8	21	64	52	4.30	.13	.82	908	1	.01	79	.12	15	ND	ND	5	1	27	3	ND	174
L7S 7+80W	.7	2.40	21	ND	162	5	.80	.5	26	113	89	5.20	.14	1.74	897	2	.01	123	.03	10	ND	ND	5	6	29	ND	7	89
L7S 8+10W	.4	2.94	11	ND	235	4	.53	.9	23	74	42	4.51	.13	.92	877	1	.01	97	.11	11	ND	ND	3	1	22	3	ND	185
L7S 8+40W	.9	2.64	18	ND	248	4	.73	1.1	24	80	62	5.15	.16	1.23	756	1	.01	107	.05	12	ND	ND	13	4	25	5	7	131
L7S 8+70W	.7	2.88	15	ND	206	4	.57	1.3	25	84	41	4.95	.15	1.06	692	1	.01	91	.10	12	ND	ND	8	2	24	5	5	152
L7S 9+00W	1.3	3.24	15	ND	228	5	.51	2.0	29	76	52	4.72	.14	1.02	1672	1	.01	102	.08	11	ND	ND	7	2	21	3	ND	201
L7S 9+30W	.1	3.61	7	ND	271	ND	.47	.7	25	67	47	4.83	.15	.97	1165	1	.01	82	.12	13	ND	ND	4	ND	24	3	4	191
L7S 9+60W	.5	3.81	8	ND	281	5	.61	.5	30	82	79	6.14	.18	1.21	1420	1	.01	99	.09	11	ND	ND	7	2	23	3	3	126
L7S 9+90W	.4	3.31	9	ND	329	ND	.63	.7	25	62	76	5.35	.17	1.00	1403	2	.01	82	.05	14	ND	ND	6	ND	37	5	6	160
L7S 10+20W(R)	.1	.49	4	ND	1537	ND	.99	.1	10	12	17	1.50	.08	.28	1104	1	.01	15	.01	14	ND	ND	ND	ND	25	14	ND	36
L7S 11+10W	.4	2.99	12	ND	260	6	.93	.5	27	124	64	5.05	.17	1.75	1039	1	.01	143	.05	13	ND	ND	5	1	42	6	7	85
L7S 11+40W	.3	3.68	ND	ND	312	4	.67	.4	30	108	66	6.14	.19	1.32	2390	1	.01	139	.06	11	ND	ND	5	1	30	6	6	124
L7S 12+00W	.6	3.07	6	ND	218	ND	.77	.4	26	90	74	6.18	.19	1.35	1213	1	.01	97	.04	8	ND	ND	6	4	26	3	5	91
L7S 12+30W	.4	2.18	36	ND	149	4	.59	.2	22	99	92	5.02	.13	1.28	786	1	.01	114	.04	9	ND	ND	10	5	18	ND	ND	74
L7S 12+60W	.4	2.79	ND	ND	369	4	.58	.6	22	96	63	4.58	.14	1.09	1242	1	.01	106	.05	11	ND	ND	6	3	24	4	4	143
L7S 13+20W	.2	3.04	8	ND	414	ND	.48	.6	22	76	51	4.39	.14	1.04	829	ND	.01	101	.11	7	ND	ND	4	ND	22	4	3	160
NOR#4 4-44.9(R)	2.7	1.35	8	3	37	13	1.74	.1	28	20	235	5.87	.23	1.26	410	1	.01	20	.13	21	9	ND	3	26	25	18	4	41

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 85-01-080 JOB NUMBER: 85373 **BIG 'I' DEVELOPMENT LTD.**

SAMPLE #	Au ppb
LOS 5 + 40W	nd
LOS 8 + 70W	nd
LIS 4 + 20W	nd
LIS 5 + 40W	nd
LIS 5 + 70W	nd
LIS 6 + 00W	nd
LIS 9 + 00W	35
LIS 11 + 40W	nd
7896	325
KEL OK DUMP	260
LI3S 4+80W	5
LI3S 5+10W	nd

DETECTION LIMIT 5
nd = none detected -- = not analysed is = insufficient sample

ROCKS

CERTIFICATE OF ASSAY

Date: August 16, 1985

File: 8508-0854

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: BIG I DEVELOPMENTS LTD.
P.O. Box 190
Delta, B.C.
V4K 3N6

We hereby certify that the following are the results of assays on: Ore

MARKED	GOLD oz/st	SILVER oz/st	Copper Cu (%)	Lead Pb (%)	Zinc Zn (%)	Molybdenum Mo (%)	xxx	xxx
7883	0.111	0.10	-	-	-	-	"Billy" meso. sulph.	
7885	0.144	2.40	0.21	0.38	1.85	0.001	"Magee" Q'z - carb	
7886	0.656	1.41	-	-	-	-	"Kelvin" Q-carbon-ox	
7888	0.022	0.10	-	-	-	-	"No.1 ADIT" Sam. S.	

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS ON REQUEST PULPS AND AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

L. Wong
PROVINCIAL ASSAYER

No.: 8508-0854

Date: August 16, 1985

TO: BIG I DEVELOPMENTS LTD.
P.O. Box 190
Delta, B.C.
V4K 3N6

SGS Supervision Services Inc
GENERAL TESTING LABORATORIES DIVISION
1001 East Pender Street,
Vancouver, B.C., Canada V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

We hereby certify that the following are the results of ICP analysis on : ore samples

SAMPLE NO.	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
7886	4	349	3937	1346	See Assay	16	7	5120	2.42	2524	7	See Assay	6	167	12
7888	9	83	9	73	See Assay	94	4	225	1.72	435	5	See Asaay	2	9	1

SAMPLE NO.	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
7886	12	4	6	27.44	0.03	6	59	0.23	4	0.01	3	0.07	0.01	0.02	1
7888	36	7	14	1.08	0.02	3	131	1.18	16	0.02	7	0.75	0.01	0.08	1

L. Wong, Provincial Assayer

No.: 8508-0854

Date: August 16, 1985

TO: BIG I DEVELOPMENTS LTD.
P.O. Box 190
Delta, B.C.
V4K 3N6

SGS Supervision Services Inc.
GENERAL TESTING LABORATORIES DIVISION
1001 East Pender Street,
Vancouver, B.C., Canada V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

We hereby certify that the following are the results of ICP analysis on : ore samples

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	
7876	1	195	12	110	.1	37	24	226	24.07	68	5	ND	3	15	1	2	2	89	.16	.22	2	54	.21	134	.25	22	.64	.02	.11	1	Marquis Ck.
7877	6	125	2	34	.1	179	24	404	3.88	5	5	ND	2	80	1	2	2	75	1.64	.07	5	162	2.50	76	.15	4	2.82	.42	.70	1	"
7878	7	84	2	8	.2	25	8	90	1.47	4	5	ND	2	6	1	2	2	26	.23	.03	6	19	.40	60	.01	3	.44	.02	.09	1	"
7879	3	61	2	10	.2	5	5	90	.54	9	5	ND	1	28	1	20	2	1	1.01	.01	2	1	.60	27	.01	11	.34	.01	.11	1	"
7880	6	184	81	52	.8	93	26	231	2.78	257	5	ND	1	18	1	35	2	8	.07	.04	5	28	.27	153	.01	8	.60	.03	.13	1	
7881	1	1207	13	45	.5	13	25	596	19.92	13	5	ND	1	36	1	2	2	118	2.80	.14	2	12	.74	8	.10	5	2.06	.18	.03	1	"Billyo"
7882	8	455	25	31	1.3	3	27	142	33.08	25	5	ND	2	247	1	2	2	67	.08	.28	2	13	.06	32	.34	14	.22	.32	.55	1	"
7884	28	1964	3427	42042	61.7	80	27	445	3.81	18538	5	ND	1	24	691	399	107	2	3.05	.03	2	25	4.38	2	.01	3	.04	.01	.01	84	"Macee" Q'tz.
7887	30	241	29	156	.6	322	81	6899	8.34	568	5	ND	5	245	3	47	6	64	11.06	.08	3	38	.81	228	.11	15	.76	.06	.11	7	East of camp Rd
7889	8	121	40	300	.8	7	5	84	.82	97	5	ND	2	17	8	8	2	1	.19	.03	7	6	.11	288	.01	10	.37	.03	.17	1	L. Marquis Ck.
7890	11	461	2	27	.1	52	39	309	4.94	18	5	ND	2	33	1	2	3	106	1.26	.22	10	50	1.10	62	.35	2	1.76	.17	.19	1	Above No. 1 adit
STD C	21	61	41	133	7.0	71	30	1184	4.01	39	17	8	37	53	16	15	21	59	.48	.16	36	57	.88	173	.08	37	1.72	.06	.11	11	

L. Wong, Provincial Assayer

General Testing Laboratories
A Division of SGS Supervision Services Inc.
1001 EAST PENDER STREET, VANCOUVER, B.C. CANADA V6A 1W2
PHONE (604) 254-1647 TELEX 04-507514 CABLE SUPERVISE

TO:
BIG I. DEVELOPMENTS LTD.
P.O. Box 190
Delta, B.C.
V4K 3N6

SEMI QUANTITATIVE SPECTROGRAPHIC ANALYSES CERTIFICATE

No.: 8508-0854 | DATE: August 16/85

We hereby certify that the following are the results of spectrographic analyses made on: Ore

		1	2	3	4	5
Aluminum	Al	2.0	0.1			
Antimony	Sb	0.001	0.15			
Arsenic	As	0.001	0.3			
Barium	Ba	ND	ND			
Beryllium	Be	ND	ND			
Bismuth	Bi	ND	ND			
Boron	B	ND	ND			
Cadmium	Cd	ND	ND			
Calcium	Ca	1.0	1.5			
Chromium	Cr	0.001	0.01			
Cobalt	Co	0.005	0.001			
Copper	Cu	0.5	0.3			
Gallium	Ga	ND	ND			
Gold	Au	(See Assay)				
Iron	Fe	MAJOR	8.0			
Lead	Pb	0.001	0.2			
Magnesium	Mg	0.001	0.9			
Manganese	Mn	0.05	0.01			
Molybdenum	Mo	ND	ND			
Niobium	Nb	ND	ND			
Nickel	Ni	0.005	0.005			
Potassium	K	0.01	0.01			
Silicon	Si	MATRIX	MATRIX			
Silver	Ag	(See Assay)				
Sodium	Na	0.01	0.01			
Strontium	Sr	0.001	0.001			
Tantalum	Ta	ND	ND			
Thorium	Th	ND	ND			
Tin	Sn	ND	ND			
Titanium	Ti	0.01	0.01			
Tungsten	W	ND	ND			
Uranium	U	ND	ND			
Vanadium	V	0.001	ND			
Zinc	Zn	0.10	1.0			

Sample No.	DESCRIPTION
1	7883
2	7885
3	
4	
5	

All results expressed as percentages

MATRIX — Major constituent
MAJOR — Above normal spectrographic range
TRACE — Detected but minor amount s
N.D. — Not detected
★ — Suggest assay

NOTES: Rejects retained one month.
Pulps retained three months.
On request pulps and rejects will be stored for a maximum of one year.

L. Wong, Provincial Assayer
SIGNATURE AND TITLE

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: BIG "I" DEVELOPMENT
ATTENTION: Mr. Jim MacLeod
PROJECT: --

REPORT#: 85-01-103
JOB#: 85513
INVOICE#: 9094

DATE RECEIVED: 85/10/18
DATE COMPLETED: 85/10/21
COPY SENT TO: JIM MCLEOD

ANALYST W. Pearse

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM	
B026	.1	1.05	1712	ND	25	ND	6.72	.1	9	35	277	2.41	.09	.78	2057	1	.01	25	.04	3	ND	ND	ND	1	94	ND	ND	59	And. volc.
B027	.1	3.14	36	ND	20	3	5.03	.1	29	115	75	5.59	.19	2.05	998	ND	.01	74	.10	2	ND	ND	8	2	77	4	ND	68	crystal tuff
B028	.2	3.20	12	ND	67	ND	1.28	.1	33	219	75	6.16	.23	1.26	715	ND	.01	198	.06	ND	ND	ND	ND	4	26	ND	ND	106	Banded tuff.
B029	.1	3.58	ND	ND	93	3	.73	.4	11	88	63	3.82	.14	1.29	304	1	.01	67	.08	3	ND	ND	ND	1	88	ND	ND	38	"
B030	.8	1.86	5	ND	25	6	2.37	.1	24	76	37	3.26	.14	1.66	509	1	.01	76	.12	1	ND	ND	ND	8	39	4	6	52	Altered mafic ?
B031	.3	2.31	6	ND	52	4	2.07	1.6	46	199	110	4.77	.15	1.67	793	1	.01	180	.03	6	ND	ND	ND	3	26	5	4	222	R-gm volc.
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1	

VANGEOCHEM LAB LIMITED

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ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: BIG "I" DEVELOPMENT
ATTENTION: J. MCLEOD
PROJECT: ---

REPORT#: 85-01-078
JOB#: 85362
INVOICE#: 8935

DATE RECEIVED: 85/09/04
DATE COMPLETED: 85/09/09
COPY SENT TO: JIM MCLEOD

ANALYST W. Rowe

Lacana Diamond Drill Sections

SAMPLE	NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM	
4126	18m.	.1	1.50	41	ND	188	ND	.99	2.6	18	90	28	1.65	.09	1.91	176	ND	.12	91	.03	17	ND	ND	ND	ND	95	ND	ND	146	D.H.2.
4127		3.9	1.49	289	ND	95	14	1.55	20.8	41	398	142	2.69	.12	3.25	343	1	.43	602	.02	487	ND	ND	4	ND	52	ND	4	1030	"
4128		ND	2.58	9	ND	133	ND	1.19	.7	30	320	83	2.45	.12	3.19	229	3	.11	322	.05	17	ND	ND	ND	ND	137	ND	5	31	"
4129		.2	2.84	51	ND	111	ND	1.33	.6	24	499	163	3.50	.16	4.57	272	ND	.20	206	.13	11	ND	ND	ND	ND	92	ND	3	29	"
4130		.3	3.78	18	ND	43	ND	2.51	.1	34	389	220	5.56	.27	4.33	383	2	.21	256	.19	14	ND	ND	ND	ND	104	ND	15	27	"
4131		ND	5.13	24	ND	66	ND	2.56	.4	36	420	60	4.70	.30	4.83	276	ND	.23	240	.11	14	ND	ND	ND	ND	89	ND	26	37	"
4132		ND	3.53	4	ND	12	ND	2.47	.1	73	684	78	3.94	.13	11.61	522	ND	.47	1128	.01	2	ND	ND	ND	ND	74	ND	ND	30	"
4133	61m	ND	2.33	ND	ND	32	ND	.91	.4	57	567	171	4.74	.11	9.12	424	ND	.39	959	.01	5	ND	ND	ND	ND	76	ND	ND	68	"
4134	9m	ND	2.16	ND	ND	12	ND	.66	.1	67	531	90	4.08	.11	11.34	403	ND	.47	911	.01	5	ND	ND	ND	ND	63	ND	ND	15	D.H.3
4135	to 16m	4.5	1.31	1106	ND	11	ND	1.38	11.2	52	679	157	3.26	.09	10.32	517	ND	.57	761	.01	98	ND	ND	36	ND	23	ND	3	536	"
4136	21m	2.5	1.55	1750	ND	9	ND	3.05	11.9	48	454	187	2.74	.11	8.62	658	ND	.50	910	.01	27	ND	ND	23	ND	30	ND	ND	562	"
4137	↓	ND	5.44	17	ND	2	ND	2.60	.8	29	86	82	1.55	.13	2.01	98	ND	.08	106	.01	12	ND	ND	ND	ND	122	14	9	60	"
4138	37m 60m	3.1	3.57	28	ND	2	8	2.05	1.2	16	102	101	1.16	.32	1.74	114	1	.02	124	.01	34	ND	ND	20	ND	75	121	13	20	D.H.3
4139	5m.	7.0	1.82	498	ND	5	28	.97	9.2	38	452	142	2.55	.44	5.91	198	3	.29	608	.01	72	ND	ND	37	ND	12	179	14	395	D.H. 4
4140		3.4	1.07	907	ND	16	ND	2.45	2.8	127	905	346	7.49	.19	12.57	508	ND	.64	1335	.01	57	ND	ND	30	ND	47	ND	ND	181	"
4141		ND	1.29	ND	ND	18	ND	1.25	.1	70	525	128	4.03	.11	16.49	500	ND	.66	1304	.01	5	ND	ND	ND	ND	44	ND	ND	21	"
4142		ND	1.35	ND	ND	2	ND	.19	.1	89	586	126	4.24	.07	16.67	335	ND	.67	1478	.01	2	ND	ND	ND	ND	10	ND	ND	17	"
4143		ND	1.32	ND	ND	5	ND	1.11	.1	81	913	132	4.04	.10	16.24	441	ND	.65	1230	.01	4	ND	ND	ND	ND	20	ND	ND	16	"
4144		.1	1.90	6	ND	115	ND	.99	.5	14	68	42	1.85	.15	2.79	129	2	.10	116	.05	13	ND	ND	ND	ND	73	ND	ND	19	"
4145	46m EoH.	.2	.32	10	ND	50	ND	.91	.2	3	9	35	.63	.10	.60	47	1	.01	15	.02	14	ND	ND	ND	ND	20	5	ND	14	"
4146	11m-17m.	.6	2.12	1143	ND	11	ND	4.25	.2	31	489	92	2.84	.12	11.35	594	ND	.46	675	.01	11	ND	ND	17	ND	39	ND	ND	50	D.H.6
4147	23m.	ND	1.09	130	ND	18	ND	2.37	.1	80	602	94	4.65	.14	15.01	645	ND	.63	1496	.01	15	ND	ND	ND	ND	67	ND	ND	42	"
4148	↓	.1	.69	11	ND	7	ND	1.92	.1	82	517	115	6.45	.16	12.94	550	ND	.59	1311	.01	26	ND	ND	ND	ND	32	ND	11	17	"
4149		ND	2.08	ND	ND	73	ND	.52	.1	53	496	95	3.41	.12	11.15	373	ND	.45	807	.01	10	ND	ND	ND	ND	104	ND	ND	19	"
4150	46m.EoH.	ND	1.06	ND	ND	9	ND	1.35	.1	108	717	204	5.74	.13	12.97	513	1	.58	1382	.01	9	ND	ND	ND	ND	52	ND	ND	15	"
* 7899	Outside Sa.	2.3	.02	2685	ND	220	ND	10.74	2.1	1	14	41	1.64	.05	6.85	503	ND	.30	28	.01	122	ND	ND	28557	ND	244	ND	ND	89	L.Marquis
9901	4m.	2.5	2.58	47	ND	87	17	1.47	.3	26	38	164	5.82	.24	1.57	297	ND	.12	32	.12	24	ND	ND	170	6	36	5	4	26	D.H. 1
9902		1.9	2.80	19	ND	48	11	1.11	.2	27	22	205	7.08	.32	1.93	347	ND	.17	37	.14	20	ND	ND	137	4	26	ND	6	32	"
9903		1.4	3.01	ND	ND	60	5	1.37	.6	30	108	92	5.40	.24	1.84	279	1	.12	87	.14	20	ND	ND	26	3	45	ND	5	37	"
9904		1.0	2.03	10	ND	84	3	1.56	.1	21	32	96	5.02	.20	1.27	254	1	.11	51	.24	17	ND	ND	14	2	31	ND	ND	28	"
9905		1.2	1.79	6	ND	69	5	1.48	.1	33	60	127	4.93	.20	1.06	218	1	.10	54	.20	16	ND	ND	6	2	29	ND	ND	17	"
9906		1.7	1.72	9	ND	17	3	1.72	.3	30	62	293	5.09	.17	.95	251	ND	.10	54	.13	17	ND	ND	6	3	27	ND	ND	16	"
9907		.6	3.69	19	ND	71	4	1.18	.2	42	216	74	4.70	.32	3.44	276	1	.17	228	.10	14	ND	ND	ND	1	49	ND	6	23	"
9908		.7	3.25	ND	ND	220	ND	1.37	.4	25	146	73	3.44	.23	2.03	231	1	.08	99	.06	13	ND	ND	ND	1	54	ND	ND	17	"
9909		.5	2.60	ND	ND	158	ND	1.31	.3	22	164	48	3.18	.18	1.84	232	2	.08	120	.04	13	ND	ND	ND	ND	41	ND	ND	18	"
9910		.2	2.35	ND	ND	155	ND	.95	.2	18	142	74	2.97	.17	2.15	202	3	.10	119	.05	12	ND	ND	ND	ND	32	ND	ND	16	"
9911		.3	3.68	ND	ND	141	ND	.95	.6	32	227	60	3.94	.27	3.14	220	1	.14	200	.07	11	ND	ND	ND	ND	46	ND	6	21	"
9912		.7	3.30	ND	ND	78	ND	1.69	.1	46	167	105	4.76	.19	1.54	242	2	.09	102	.05	12	ND	ND	ND	1	58	ND	ND	20	"
9913	65m.	.7	3.60	ND	ND	157	5	1.59	.4	29	109	83	4.49	.22	1.81	253	2	.10	97	.06	14	ND	ND	ND	ND	46	ND	3	30	"

CLIENT: B[illegible]I DEVELOPMENT JOB#: 85362 PROJECT: --- REPORT: 85-01-078

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM	
9914 65m.	1.0	4.79	3	ND	269	6	1.56	.6	22	216	62	4.07	.32	3.47	302	6	.01	148	.07	6	ND	ND	ND	2	67	4	9	27	D.H. 1
9915	.8	3.97	5	ND	214	4	1.54	.3	29	218	54	3.60	.28	2.51	250	5	.01	184	.07	6	ND	ND	ND	ND	62	4	5	22	"
9916	.9	3.69	7	ND	121	5	2.60	.5	30	219	69	3.74	.22	1.72	229	ND	.01	122	.06	6	ND	ND	ND	3	68	6	ND	16	"
9917	.3	2.12	15	ND	226	ND	.84	.3	14	86	54	2.36	.18	1.49	170	6	.01	93	.04	7	ND	ND	ND	ND	33	ND	ND	20	"
9918	.8	4.81	3	ND	473	ND	1.17	.7	24	313	66	4.37	.34	4.06	313	3	.01	252	.07	8	ND	ND	ND	ND	64	ND	12	31	"
9919	.9	3.91	ND	ND	550	5	1.00	.5	18	150	29	4.13	.34	2.69	264	1	.01	113	.10	10	ND	ND	ND	2	44	ND	3	22	"
9920	.7	3.19	ND	ND	417	4	.84	.6	23	193	37	4.07	.31	2.67	262	2	.01	167	.07	6	ND	ND	ND	1	30	ND	ND	22	"
9921	1.9	2.01	10	ND	78	7	1.23	.6	35	96	66	5.74	.26	1.59	377	2	.01	59	.09	12	ND	ND	ND	10	26	ND	ND	24	"
9922	1.7	1.90	6	ND	319	8	.98	.2	31	67	52	5.09	.24	1.69	392	1	.01	58	.08	11	ND	ND	ND	9	19	ND	ND	25	"
9923 Ext. 1m	.9	3.42	3	ND	321	5	1.47	.6	26	164	46	3.66	.29	2.91	236	2	.01	188	.07	9	ND	ND	ND	ND	49	ND	10	21	D.H. 2
9924 2m.	.1	1.22	ND	ND	9	ND	.69	.1	62	681	27	3.64	.12	10.91	520	ND	.01	1097	.01	2	ND	ND	ND	ND	10	ND	ND	15	D.H. 2
9925 8m.	.7	1.18	242	ND	3	ND	4.21	9.8	74	323	44	4.22	.17	9.07	439	2	.01	524	.01	18	ND	ND	ND	ND	44	ND	ND	485	"

VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 85-01-085 JOB NUMBER: 85390 **BIG 'I' DEVELOPMENT LTD.** PAGE 1 OF 1

SAMPLE #	Au ppb		
4127	10		
4135	125	— 0.003 oz/st.	D.H. # 3 - 16 m.
4136	160	— 0.004 oz/st.	D.H. # 3 - 21 m.
4139	35		
4140	2000	— 0.06 oz/st.	D.H. # 4 - 15-21 m.
4146	nd		
7899	10		
9925	nd		

DETECTION LIMIT 5
nd = none detected — = not analysed is = insufficient sample

BIG I DEVELOPMENT LTD.
REDWOOD RESOURCES INC.

E.D.B. GROUP

CARPENTER LAKE, GOLD BRIDGE AREA

LILLOOET M.D., B.C.

LECKIE - MAGEE PLAN

SCALE:	DATE:	N.T.S.	FIGURE:	DRAFTED BY:
1:360	FEB. 86	92 J/15 W	3	B.D.S.

Sample 1: 0.42 oz/T Au
18 oz/T Ag

DUMP

DIAMOND DRILL SITE
A 240° incline
B 209° "
C 171° "

LECKIE TUNNEL

Roof Sample: 0.38 oz/T Au
0.52 oz/T Ag

Location of shaft
88' deep, cross cuts at 75'

Silica - Carbonate

MAGEE TUNNEL

Gabbro

Serpentine

Felsite

Serpentine

Silica - Carbonate

Serpentine

Serpentine

Gabbro

2020'

2100'

2200'

2300'

ROAD

TRAIL

A

B

C

?

LEGEND

FAULT

CONTACT

MINERALIZED ZONE

30 0 60 Feet

10 0 20 Metres

TRACED FROM MAP BY ARTHUR LAKES, MAY 1936
GEOLOGY ADDED FROM V. DOLMAGE AND OTHERS.
ADDITIONAL DATA FROM J. S. STEVENSON, 1952.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,344

N

GEOLOGICAL ASSOCIATION OF CANADA
J. W. McLEOD
FELLOW

COMPILED BY: B. J. PRICE, M. Sc., F.G.A.C. JAN. '82.

CARPENTER LAKE

7 Km To GOLD BRIDGE

ROAD ZONE

HEPZIBAH

DUCK

PUSS

LECKIE, MAGEE ZONE

ALMA ZONE

KELVIN ZONE

MOLY ZONE

BILLYO ZONE

MANNERS SKARN ZONE

No. 1 ADIT ZONE

MARQUIS CREEK

GAT CREEK

L 0 S

L 1 S

L 3 S

L 5 S

L 7 S

L 9 S

L 13 S

MELISSA MELLISANDE

12 + 00 W
10 + 50 W
9 + 00 W
7 + 50 W
6 + 00 W
4 + 50 W
3 + 00 W
1 + 50 W
Baseline

2500
2750
3000
3250
3500
3750
4000
4250
4500
4750
5000
5250
5500
5750
6000

N

250 0 500
METRES

500 FEET
250 FEET
MAIN ROAD
ROAD
TRAIL
CREEK
LAKE
PROPERTY BOUNDARY
CLIFF

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,344

J. W. McLEOD
GEOLOGICAL ASSOCIATION OF CANADA
FELLOW

To Accompany Report By: JAMES W. McLEOD, Geologist.

LEGEND

ADIT
TRENCH
PROSPECTING LINE

BIG I DEVELOPMENT LTD.
REDWOOD RESOURCES INC.

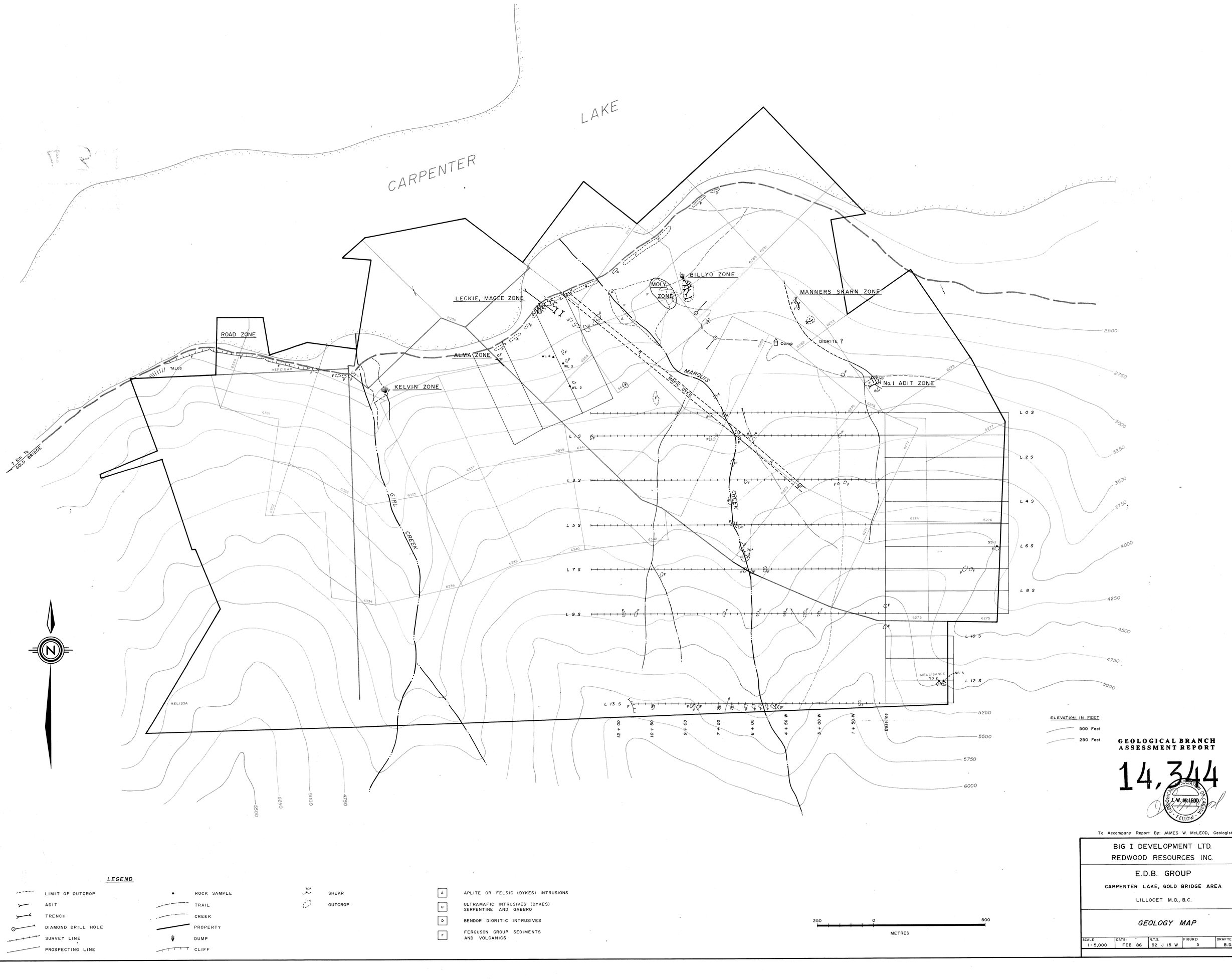
E.D.B. GROUP

CARPENTER LAKE, GOLD BRIDGE AREA

LILLOOET M.D., B.C.

GRID-CLAIM-SHOWING MAP

SCALE:	DATE:	N.T.S.	FIGURE:	DRAFTED BY:
1:5,000	FEB. 86	92 J 15 W	4	B.D.S.



ELEVATION IN FEET

500 Feet

250 Feet

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,344

J. W. McLEOD — ASSOCIATION OF CANADA — FELLOW

To Accompany Report By: JAMES W. McLEOD, Geologist.

BIG I DEVELOPMENT LTD.
REDWOOD RESOURCES INC.

E.D.B. GROUP

CARPENTER LAKE, GOLD BRIDGE AREA

LILLOOET M.D., B.C.

GEOLOGY MAP

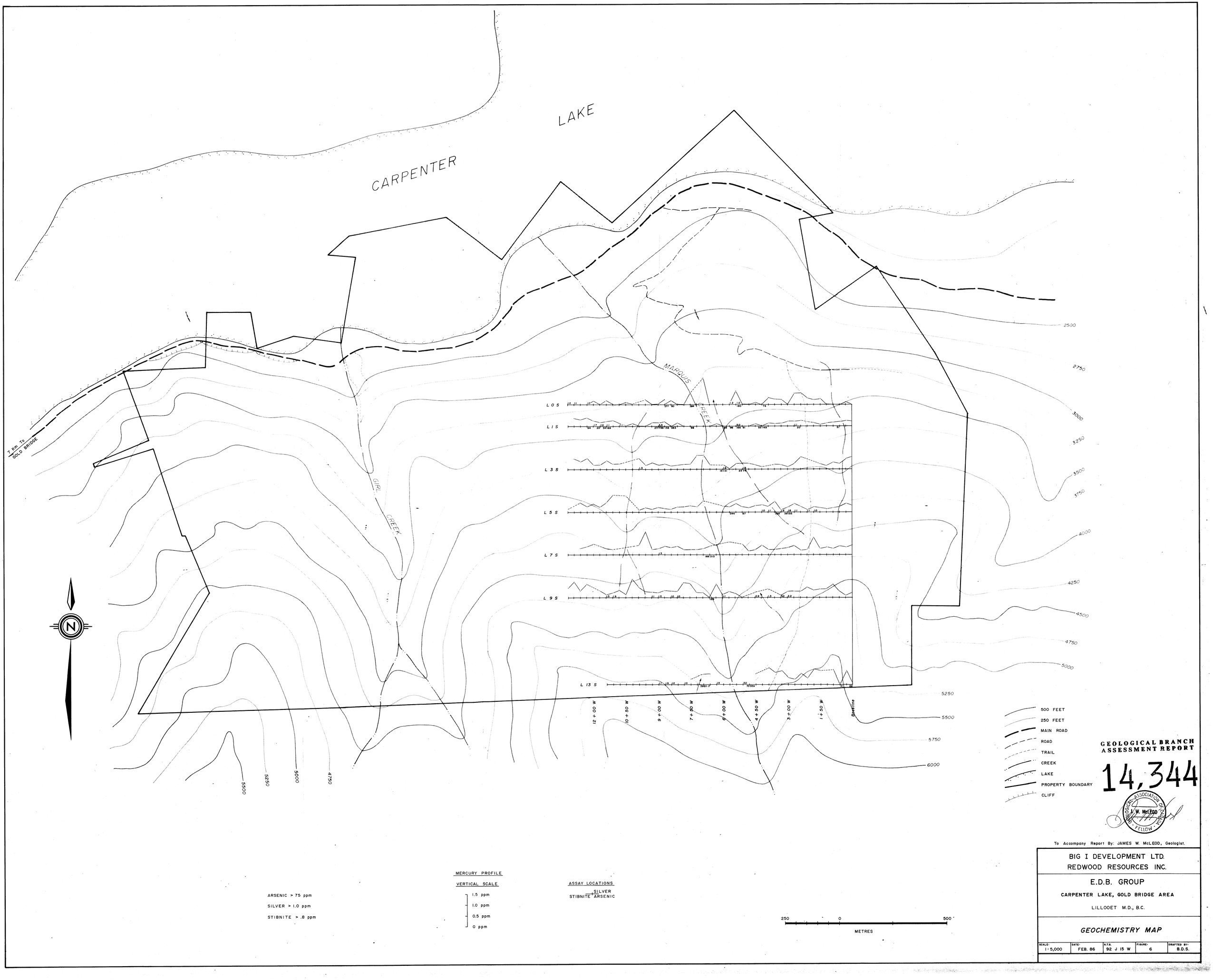
SCALE:	DATE:	N.T.S.	FIGURE:	DRAFTED BY:
1:5,000	FEB. 86	92 J 15 W	5	B.D.S.

LEGEND

- LIMIT OF OUTCROP
- ADIT
- TRENCH
- DIAMOND DRILL HOLE
- SURVEY LINE
- PROSPECTING LINE
- ROCK SAMPLE
- TRAIL
- CREEK
- PROPERTY
- DUMP
- CLIFF
- SHEAR
- OUTCROP

- A — APLITE OR FELSIC (DYKES) INTRUSIVES
- U — ULTRAMAFIC INTRUSIVES (DYKES) SERPENTINE AND GABBRO
- D — BENDOR DIORITIC INTRUSIVES
- F — FERGUSON GROUP SEDIMENTS AND VOLCANICS

250 0 500
METRES



ARSENIC > 75 ppm

SILVER > 1.0 ppm

STIBNITE > .8 ppm

MERCURY PROFILE

VERTICAL SCALE

1.5 ppm

1.0 ppm

0.5 ppm

0 ppm

ASSAY LOCATIONS

SILVER

STIBNITE ARSENIC

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,344

J. W. McLEOD
GEOLOGICAL ASSOCIATION OF CANADA
FELLOW

To Accompany Report By: JAMES W. McLEOD, Geologist.

BIG I DEVELOPMENT LTD.
REDWOOD RESOURCES INC.

E.D.B. GROUP

CARPENTER LAKE, GOLD BRIDGE AREA

LILLOOET M.D., B.C.

GEOCHEMISTRY MAP

SCALE:	DATE:	N.T.S.	FIGURE:	DRAFTED BY:
1:5,000	FEB. 86	92 J 15 W	6	B.D.S.