GEOLOGICAL AND GEOCHEMICAL REPORT

on the

BORG PROPERTY

GREEN, ORANGE, BLACK AND RED MINERAL CLAIMS

(Record #'s 4495, 4496, 4497 and 4498)

Trapper Lake Area, British Columbia

Atlin Mining Division

N.T.S. 104K/7E

Latitude: 58° 23'N; Longitude: 132° 43'W

for

International Suneva Resources Ltd.
1100 - 808 W. Hastings St.
Vancouver, B.C.

by

Azimuth Geological Incorporated
205 - 470 Granville St.
Vancouver B.C.

Gregory G. Crowe, M.Sc., P.Geol.

April 1992

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SUMMARY

The Borg Property comprises four contiguous claims totalling 80 units and is located in northwestern British Columbia, approximately 100 km northwest of Telegraph Creek and 30 km northwest of the Golden Bear gold mine. Access is by float plane and/or helicopter.

Claims overlie Lower or Middle Triassic, weakly foliated diorite - quartz monzonite and Cretaceous-Tertiary monzonite. Felsic dykes, possibly coeval with Cretaceous-Tertiary Sloco Group volcanics and Tertiary mafic dykes, cut older assemblages along a northwesterly - north-northeasterly trend.

The Borg property was staked because of renewed interest in the area, brought about by the evaluation of the Metla property 2.5 km to the east. Several other mineralized showings evaluated in the 1980's occur within 2 km of the Borg claims.

Current work consisted of contour and ridge-top soil/talus-fine sampling (85 samples), rock sampling (47 samples), reconnaissance geological mapping at 1:5,000 scale and prospecting.

Several highly anomalous rock samples in both base and precious metal values are associated with four types of mineralization. These include: silicified and locally pyritized Cretaceous-Tertiary monzonite; northwest - north-northeasterly trending, narrow quartz veins developed predominantly within the older diorite - quartz monzonite proximal to the younger monzonite; quartz veins developed along-side mafic dykes; and quartz veins, quartz stockworks and quartz breccias developed marginal to felsic dykes. Values to 0.680 oz/t Au, 191.8 ppm Ag, 5040 ppm Cu, 17340 ppm Pb and 26215 ppm Zn have been returned from mineralized grab samples.

Soil/talus-fine sampling outlined several anomalous areas, some of which could not be explained by observed mineralization. These require further definition.

INTRODUCTION

At the request of Prime Equities Inc. (on behalf of International Suneva Resources Ltd.) Azimuth Geological Incorporated was contracted to evaluate the Borg property using geological and geochemical techniques. The property is located in northwestern British Columbia, 30 km northwest of the Golden Bear mine, in an under-explored but geologically attractive area.

No previous exploration has been recorded on the Borg property, although in 1988, Cathedral Gold evaluated the ground adjacent to the southern boundary of the Borg and uncovered numerous gold, copper and silver rock and soil anomalies. Interest in the area also stems from the discovery of the Metla property by Cominco in 1957 and the discovery of the currently operating Golden Bear Mine. The Metla is located 2.5 km to the east.

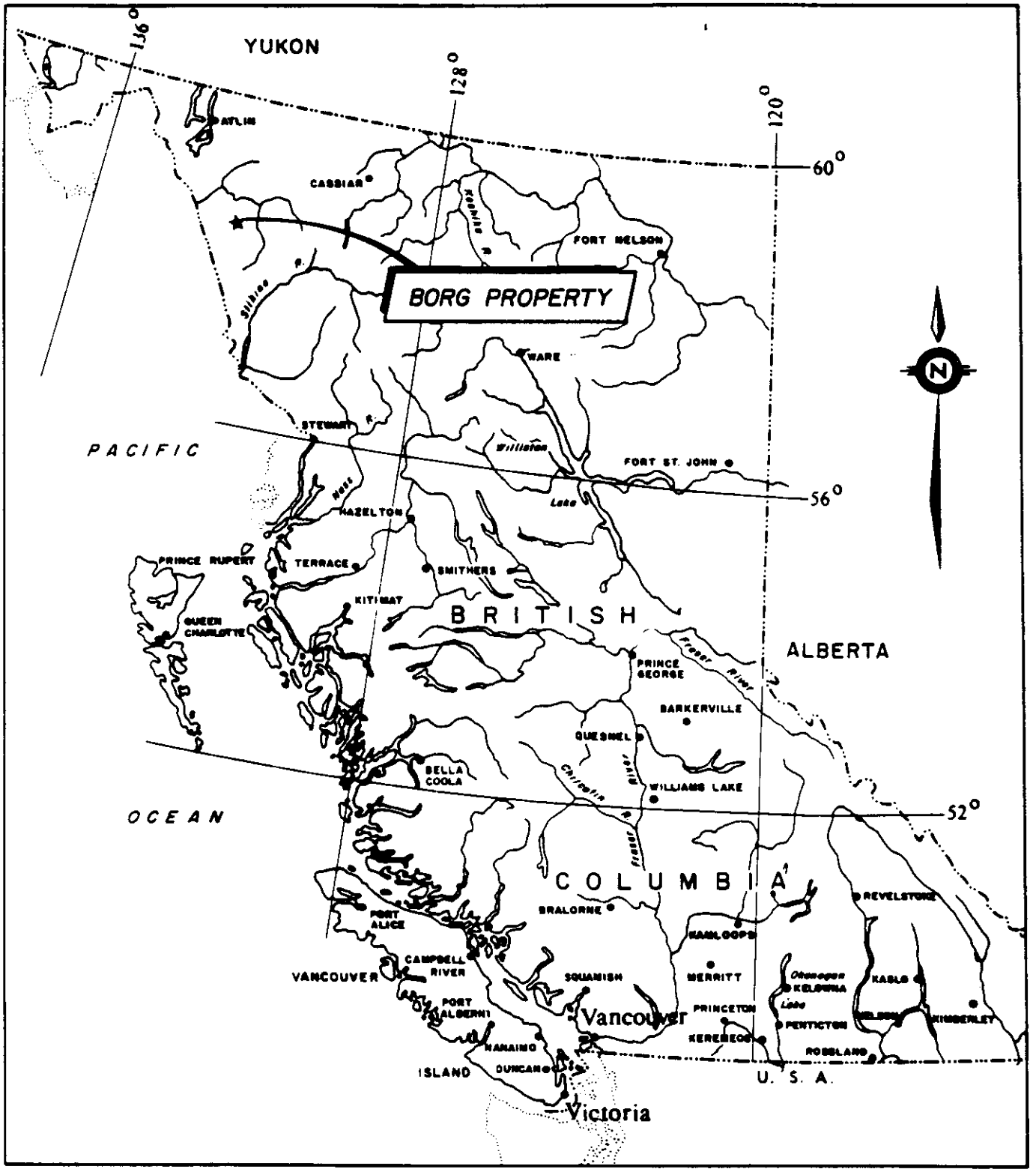
Current work was aimed at developing an understanding of the geological setting, of the distribution and tenor of the mineralization and at developing potential drill targets.

LOCATION, ACCESS and PHYSIOGRAPHY

The Borg claim group is located in the extreme northwest corner of British Columbia (Figure 1), 1200 km northwest of Vancouver and 270 km south-southeast of Whitehorse, Yukon Territory (NTS: 104K/7 - Latitude: 58°23'N; Longitude: 132°43'W). Closest supply towns are Telegraph Creek, 100 km to the southeast; Dease Lake, 150 km to the east; and Juneau, Alaska, 100 km to the west-southwest.

Access to the claim area is possible by float-equipped aircraft to Trapper Lake (5 km north-northwest) or to Tatsamenie Lake (20 km east). Airstrips for conventional aircraft are located at Tatsamenie Lake, Muddy Lake (30 km southeast) and Tulsequah (60 km west-northwest). Final access would be by helicopter. A private road provides access from Telegraph Creek to the Golden Bear mine-site at Muddy Lake and is available for public use by prior arrangement with Golden Bear Operating Company.

Physiographically, the claims are located in the Tahltan Highland, a moderately rugged transitional zone between the Stikine Plateau and the eastern ranges of the Coast Mountains. Elevations on the Borg property vary from approximately 900 m in the northwest corner of the property to 2115 m near the centre of the claims. Most of the property is alpine in nature with the exception of the northwest corner of the claims. Here a creek valley trends east-northeasterly and drains into the southern end of Trapper Lake.



TO ACCOMPANY REPORT NO. _____ BY _____

0 100 200 300 Km

AZIMUTH GEOLOGICAL INC.

GOLDEN RING RESOURCES LTD.

BORG

LOCATION MAP

Date	Scale	N.T.S.	Figure No.
OCT., 1991	1:7 500 000	104 K/7	1

CLAIM STATUS

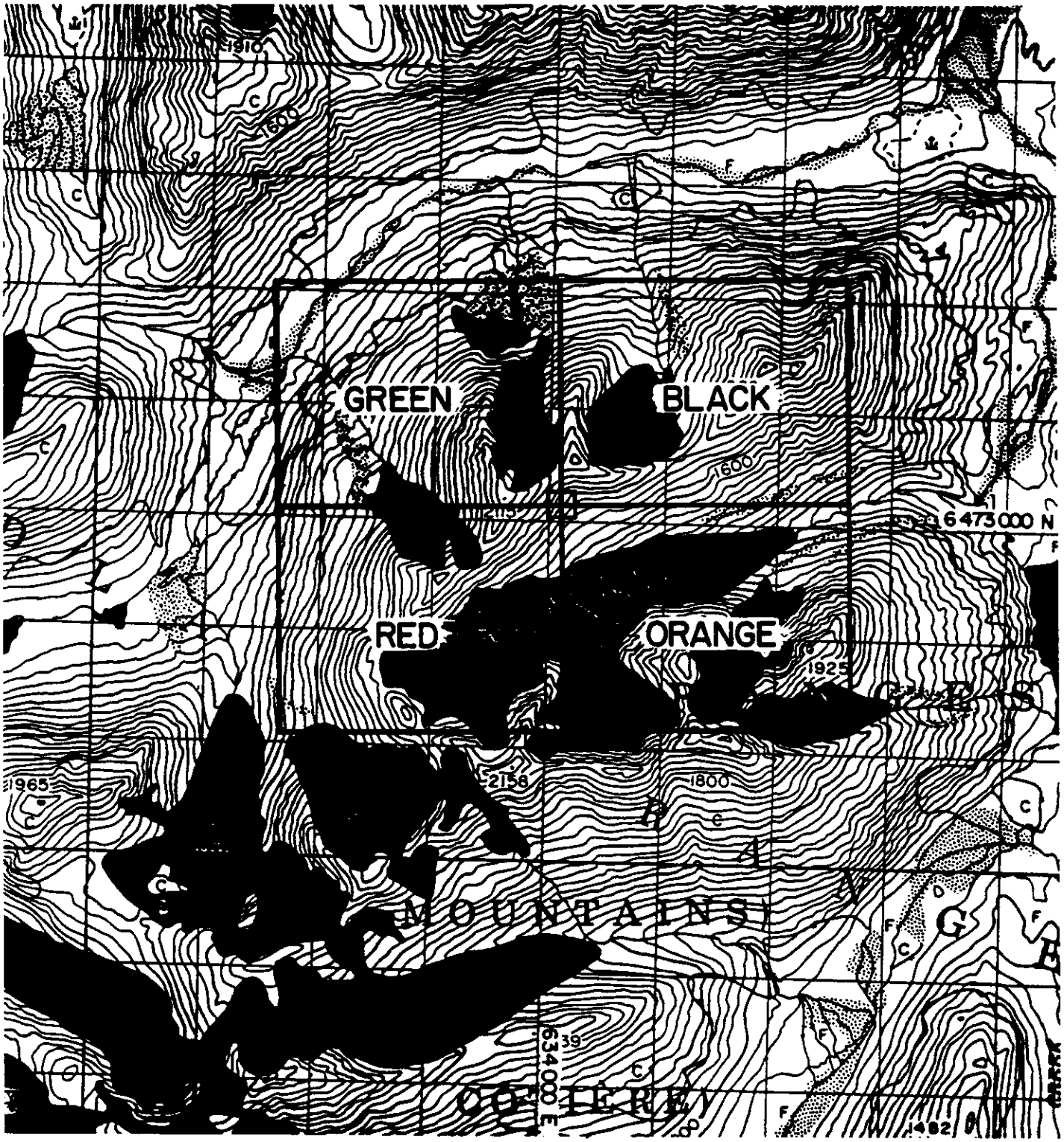
The Borg property consists of four modified grid claims totalling 80 units (Figure 2) located in the Atlin Mining Division. Legal Corner Posts could not be found in the field, probably due to snow cover and snow and rock slides. Public records indicate all claims are owned by International Suneva Resources Ltd.

Current claim data as shown in public records is compiled below.

Table 1. Claim data.

Claim Name	Record Number	Units	Expiry Date[1]
Green	4495	20	March 19, 1993
Orange	4496	20	March 19, 1993
Black	4497	20	March 19, 1993
Rec	4498	20	March 19, 1993

1: Assuming acceptance of current submission.



AZIMUTH GEOLOGICAL INC.		
GOLDEN RING RESOURCES LTD. BORG		
CLAIM MAP		
N.T.S. 104 K/7	Drawn G. Crowe	Date Oct., 1991
Scale 1:50000	Drawn	FIGURE 2

HISTORY

Although no record remains, it is likely that the general area of the Borg property was prospected in the 1920's and 1930's following discovery of the Tulsequah Chief and Polaris Taku deposits, 61 km to the northwest.

No previous work is recorded on the claims. However, the immediate area surrounding the Borg claims has been evaluated by several major and junior companies.

In 1981, Noranda Exploration conducted an evaluation of the Fool #1 mineral claim (Minfile #26) located 3 km south of the Borg. This property was staked to cover an intrusive hosted molybdenum occurrence. Mafeking Minerals explored the Jony claim group (Minfile #27), 1.5 km west of the Borg. A shear at the contact of rhyolite dykes and quartz monzonite reportedly contained values to 73 oz/t Ag, 0.01 oz/t Au, 10% zinc and 10% copper. Diamond drilling could not reproduce surface results.

A regional geochemical silt survey was conducted over most of map sheet 104K in 1988 by the B.C.D.M. and the Geological Survey of Canada. Several samples draining the Borg claims returned elevated values in zinc, copper, lead, silver, gold and molybdenum.

In 1988 Cathedral Gold staked the ground adjacent to the southern boundary of the Borg property. Several samples returned highly anomalous values in gold, copper and silver. One sample located within 1 km of the Borg property analyzed 99,999 ppm Cu and 5940 ppb Au from a rusty, pyritized and silicified diorite.

Gulf International evaluated the Daisy 8 mineral claim, 1 km southeast of the Borg, in 1988. This ground was also staked in response to the government silt sampling program. Quartz, pyrite mineralization was discovered along the margins of mafic dykes, but values returned were low.

0 5 10 km

N

AZIMUTH GEOLOGICAL INC.

GOLDEN RING RESOURCES LTD.
BORG

GEOLOGY MAP

N.T.S. 104 K/7,10	Drawn G. Crowe	Date Oct., 1991
Scale 1:250 000	Drawn	FIGURE 3

LEGEND

(to accompany Figure 3)

LATE TERTIARY TO RECENT

18	Basalt flows and breccias
17	**Hearts Peak Fm.** - felsic flows, pyroclastics, intrusives

LATE CRETACEOUS AND EARLY TERTIARY

16	Quartz monzonite
15	Felsite, quartz feldspar porphyry

Sloco Group

14	Felsic flows and pyroclastics

UPPER JURASSIC AND/OR CRETACEOUS

12	Diorite to granodiorite

LOWER AND MIDDLE JURASSIC

Laberge Group

11	**Takwahoni Fm.** - conglomerate, sandstone, shale
10	**Inklin Fm.** - greywacke, siltstone

UPPER TRIASSIC

9	**Sinwa Fm.** - limestone

Stuhini Group

8	**King Salmon Fm.** - greywacke, conglomerate, shale, minor volcanic
7	Andesite, basalt flows and breccias

LOWER OR MIDDLE TRIASSIC

6	Foliated diorite

LOWER TRIASSIC AND EARLIER

4	Greenstone, phyllite, tuff

PERMIAN

3	Limestone, dolomitic limestone

AGE UNKNOWN

1	Ultramafics, serpentinite

After:Souther, 1971, Schroeter, 1986, Oliver and Hodgson, 1990

Mineralization in the Tulsequah area is dominated by volcanogenic(?) massive sulphide deposits in the Tulsequah district, 61 km west-northwest of the Borg properties, and by shear-hosted precious metal mineralization at and near the Golden Bear deposit. Copper-lead-zinc-gold-silver mineralization at Tulsequah Chief, Big Bull, and Ericksen-Ashby is associated with a contact between Permian felsic pyroclastic rocks and underlying massive andesitic flows (Gunning, 1988; Nelson and Payne, 1983). Most recent (1989) reserves for Tulsequah Chief are given as 5.8 Mt of 1.55% Cu, 1.22% Pb, 6.81% Zn, 2.74 g/t Au, 109.4 g/t Ag. Recent exploration by Cominco Ltd. and Redfern Resources Ltd. is expected to boost this reserve. Across the Tulsequah River at the nearby Polaris Taku property, Suntac Minerals Corporation report probable plus possible reserves of 803,765 tonnes grading 16.1 g/t Au (March 21, 1990 News Release). Mineralization occurs in an arsenopyrite-bearing quartz-carbonate shear zone cutting Permian(?) sediments and tuffs. Grade and geological setting suggest similarities with the Golden Bear deposit.

The Golden Bear deposit, located 28 km southeast of Borg (Figure 3), is being actively mined by Chevron Minerals Ltd. and North American Metals Corp. (Homestake Mining Company) who report (1990 Annual Report) proven plus probable reserves (before mining) of 569,453 tonnes grading 17.60 g/t gold. Mineralization at Golden Bear consists of pyrite-arsenopyrite-scorodite-native gold within a persistent quartz-carbonate altered shear cutting Permian to Lower Triassic(?) limestone and metasediments.

The Thorn property, located 17 km northwest of Borg (Figure 3), is underlain by Eocene Sloko felsic volcanics intruded by a small quartz-feldspar-porphyry stock (Woodcock, 1987). Gold and silver are associated with both linear, east-west trending, pyrite-arsenopyrite-tetrahedrite-bearing silicified zones and with pods and lenses of pyrite-tetrahedrite-enargite. The property was drilled in 1986 by American Reserve Mining Corporation.

1991 WORK PROGRAM

Current work was conducted between July 23 and August 1, 1991 by three geologists (L. Lyons, W. Taylor and M. Vaskovic), two junior geologists (P. McCarthy and S. Cormier) and two assistant (T. Muraro and H. Culbert). G. McArthur also visited the property and collected several rock samples. Field work was supported from common camp facilities at Trapper Lake (8 km north-northeast of Borg) where a contract Bell 206B helicopter supplied by Trans North Air was available for claim access.

Field work consisted of contour soil/talus-fine sampling at 25 m and 50 m intervals (approximately 4.2 km of line; 85 samples), 1: 5,000 scale mapping and prospecting. During mapping, samples of altered and mineralized float and outcrop were routinely taken (47 samples).

PROPERTY GEOLOGY

Current reconnaissance mapping at 1:5,000 scale (Figure 4) was completed by G. McArthur, L. Lyons, W. Taylor and M. Vaskovic between July 23 and August 1st, 1991 using airphotos and topography for control. Mapping generally confirmed regional mapping by Souther (1971) and identified two major map units and two minor dyke assemblages as described below. Mapping on the property was locally hindered by the abundance of talus, snow cover and by steep topography.

Lithologies

3. Foliated quartz diorite:

Much of the property is underlain by a weak to moderately foliated intrusive of quartz monzonite to quartz diorite composition. Mafic constituents are chloritized and together with patchy epidote impart a dark green colour to the intrusive. The intrusive is fine to medium grained. In general this older intrusive is well fractured and cut by chlorite-calcite-quartz-hematite microveins. Narrow shears trending northwesterly to north-northeasterly are abundant.

Souther (1971) considered this intrusive to be Lower or Middle Triassic in age (Unit 6 on Figure 3).

11. Felsic dykes:

Massive, cream to pink coloured feldspar porphyry and feldspar quartz porphyry dykes cross-cut the intrusives. These dykes are generally fresh and only rarely silicified and pyritic. Souther (1971) noted that these felsic dykes are often spatially associated with Sloko Group volcanics and considered them coeval and consanguineous with the Sloko Group (Unit 14 on Figure 3).

Felsic dykes consistently trend northwesterly and north-northeasterly and dip steeply.

12. Monzonite:

Medium to coarse grained, pink to pink-grey monzonite outcrops in the northern portion of the property. Biotite and hornblende occur in equal proportions. Pyritic gossans are associated with this unit on the northern portion of the claims and the intrusive is locally silicified. This unit is probably equivalent to Souther's (1971) Late Cretaceous and Early Tertiary Unit 16.

Mafic Dykes:

Basaltic and lesser andesitic dykes cut the older intrusives. These dykes are possibly related to the Late Tertiary and Pleistocene Level Mountain Group (Unit 18) as mapped by Souther (1971). Dykes generally follow a northwesterly to north-northeasterly trend, similar to that displayed by the felsic dykes.

MINERALIZATION AND ROCK GEOCHEMISTRY

Rock samples were taken of all mineralized and altered float and outcrop encountered while prospecting or soil sampling. Several areas containing significant veining and/or base or precious metals were identified. Significant sample results are tabulated in Table 2 and results are discussed in more detail below. Rock descriptions for all samples are located in Appendix B and analytical results are given in Appendix C.

Table 2
Significant Sample Results

Sample #	Description	ppb Au	ppm Ag	ppm Cu[1]	ppm Pb[1]	ppm Zn[1]
18080	Monzonite intrusive with trace chalcopyrite, pyrite and malachite	1	13.2	5040	508	358
18083	Basaltic dyke cutting pyritic monzonite, veins with sphalerite, tetrahedrite (?) and galena	191	11.2	1443	13959	14035
18084	Gossan, monzonite adjacent to basaltic dyke with veins of pyrite, sphalerite, tetrahedrite (?) and galena	3	12.4	605	17340	26215
18144	Quartz veining in a shear trending 320°	825	16.5	22	48	29
18145	Rusty quartz vein material, minor pyrite	21800 (0.680 oz/t)	191.8	59	208	18
18146	Quartz-eye porphyry dyke with disseminated pyrite in a 10 m wide shear at 360°/50°	292	2.7	5	18	28

Table 2 cont'd
Significant Sample Results

Sample #	Description	ppb Au	ppm Ag	ppm Cu[1]	ppm Pb[1]	ppmZn[1]
18167	Fault at 358°/45° hosting 10-15 cm quartz on footwall side, 80 cm mafic dyke and 10 cm carbonate breccia, trace pyrite	10	14.1	114	506	583
18169	Fault at 355°/90°, 2 m wide, cutting diorite, hosts quartz stringering in clay alteration zone	104	5.3	37	31	24
18170	Fault, 2-3 m wide, hosts quartz stockwork in felsic dyke, trends 345°/90°	223	6.4	44	131	141
18173	Blocks at base of snowfield containing 10% combined pyrite and sphalerite in mafic dyke material	140	14.8	217	6010	4329
18174	Rusty, silicified material	205	15.3	225	6142	4485
18525	Pyritic monzonite, magnetite and pyrite along fractures	1800 (0.064 oz/t)	15.8	38	6305	1497
18920	Drusy, 10 cm quartz vein in fresh monzonite, minor carbonate	1	5.5	143	8353	8064

Table 2 cont'd
Significant Sample Results

Sample #	Description	ppb Au	ppm Ag	ppm Cu[1]	ppm Pb[1]	ppmZn[1]
18570	Bleached, silicified monzonite with 10-15% galena and pyrite, trace to 1% sphalerite	1	3.4	182	6505	5509
18571	Silicified monzonite, 5-7% galena and pyrite, trace sphalerite	5	8.7	453	10079	5138
18945	As 18944, but more strongly silicified, pyrite and possible sphalerite	2	1.6	73	121	6386
18946	Same as 18945	18	7.5	180	394	12077
18947	Drusy quartz vein to 30 cm, botryoidal textures, blebs of pyrite, near feldspar porphyry dyke contact at 135°/48°W	3300	5.9	52	32	386

1: Samples with <200 ppb Au and/or 5.0 ppm Ag and >200ppm Cu or 250 ppm Pb or 1000 ppm Zn are also shown

Four types of mineralization were noted on the claims. These include: altered monzonite hosting disseminated pyrite, chalcopyrite, malachite, sphalerite +/- galena; quartz veining developed marginal to northwest - north-northeasterly trending mafic dykes; quartz veins cutting fresh to altered diorite; and quartz veining/stockwork quartz breccia associated with felsic dykes.

Spatially, the bulk of the intrusive hosted mineralization that was sampled is associated with the younger monzonite (Unit 12? on Figure 4) in the northern portion of the claims (Green and Black claims). Here the monzonite is locally silicified and pyritized. Mineralization consists locally of up to 10% galena + pyrite with lesser sphalerite and chalcopyrite. Samples of this type of mineralization returned analyses to 0.064 oz/t Au and 15.8 ppm Ag (# 18525 - Table 2), 5040 ppm Cu (#18080), 10079 ppm Pb (#18571) and 12077 ppm Zn (#18946).
Quartz veining that returned significant results occurs predominantly in the central and southern portions of the property and appears to lie within the older, less altered diorite - quartz monzonite (Unit 3 on Figure 4), peripheral to the younger, locally mineralized monzonite. These veins are northwesterly to north-northeasterly trending and are often contained within like oriented shears. Veins are generally narrow (10's of centimetres), and comprise drusy quartz +/- carbonate and may host minor pyrite. Associated shears may be clay altered. Values to 0.680 oz/t Au and 191.8 ppm Ag (# 18145 on Table 2) have been returned from these types of veins. Base metal values are generally low, but one sampled analyzed 8353 ppm Pb and 8064 ppm Zn (# 18920).

Locally, quartz veining, quartz stockwork and quartz breccia occur marginal to mafic and/or felsic dyking. Those associated with felsic dykes have returned values to 3300 ppb Au (# 18947) and 6.4 ppm Ag (# 18170) with low base metals. Veining developed marginal to mafic dykes contains lower precious metal values (191 ppb Au - # 18083 and 14.1 ppm Ag - # 18167), but higher base metals (1443 ppm Cu - # 18083, 17340 ppm Pb -# 18040 and 26215 ppm Zn - # 18084).

SOIL GEOCHEMISTRY

The 85 soil samples were taken along two contour lines and one ridge-top line. Most samples were taken at a 50 m spacing, except where rock and talus prevented sampling. Because of the steep slopes there is no soil development on the grid and all samples were of talus-fine material. Samples were taken at depths between 5 and 35 cm, placed in Kraft bags and shipped to Min-En Labs in Vancouver (Line 1530) for 30 element ICP and geochemical gold analysis. Analytical results are included in Appendix D and analytical procedures are located in Appendix E.

Gold and silver results are plotted on Figure 4 while all results are compiled in Appendix D.

Gold values vary from 5 ppb to 95 ppb while silver values vary from 0.1 ppm to 3.6 ppm. Copper values range from 16 ppm to 345 ppm, lead values range from 9 ppm to 450 ppm and zinc values range from 34 ppm to 1023 ppm.

Two areas containing elevated base and/or precious metal values occur along the lines sampled. Several other isolated anomalies are also present.

One anomalous area, on the northern portion of the Black claim, occurs along line 1240, between stations 2+10W and 7+00W. Here, weakly to moderately elevated gold (>25 ppb Au), silver (>1.0 ppm Ag) and spot Cu (>100 ppm Cu) values occur. Up-slope from this, several rock samples returned values that were highly elevated in Au, Ag, Cu, Pb and Zn (samples 18083-84 and 18570-71).

On the western margin of the Green/Red claims and in the central portion of the Green claim, weakly to moderately elevated Au, Ag, Cu, Pb, Zn and As values define two sub-areas separated by a wide stretch (700m) of no sampling. To the south, values to 95 ppb Au, 1.7 ppm Ag, 154 ppm Cu, 321 ppm Pb and 553 ppm Zn occur marginal to rock samples that returned up to 3300 ppb Au (# 18947) and 12077 ppm Zn (# 18946). In the central portion of the Green claim talus-fines analyzed up to 50 ppb Au, 3.6 ppm Ag, 345 ppm Cu, 450 ppm Pb, 390 ppm Zn and 38 ppm As. No obvious mineralization was found in this area and, as such, no rock samples were collected.

Not enough samples were collected to provide a statistical basis for detecting anomalous thresholds. The magnitude of some of the anomalies however, combined with the spatial association between weakly elevated areas and in-situ mineralization suggests any cluster of weakly anomalous values be investigated.

CONCLUSIONS

The claims are underlain by two ages of intrusive; Lower to Middle Triassic foliated diorite - quartz monzonite and Cretaceous-Tertiary monzonite. The younger monzonite is locally silicified and/or pyritized. Feldspar +/- quartz porphyry dykes, possibly coeval with the Cretaceous-Tertiary Sloco Group, cut both intrusives in a northwesterly - north-northeasterly trend. Late (Tertiary) mafic dykes follow the same structural orientation as the felsic assemblages.

High grade base and precious metal values are associated with four types of mineralization on the property. These include; silicified and locally pyritized Cretaceous-Tertiary monzonite, northwest - north-northeasterly trending narrow quartz veins developed marginal to the monzonite, quartz veins developed along-side mafic dykes and quartz veins, quartz stockworks and quartz breccias developed marginal to felsic dykes. Values to 0.680 oz/t Au, 191.8 ppm Ag, 5040 ppm Cu, 17340 ppm Pb and 26215 ppm Zn have been returned from mineralized grab samples.

Reconnaissance soil/talus-fine sampling along two contour lines and one ridge line returned weakly to moderately elevated precious and base metal values. Clustered anomalies were noted marginal to areas with mineralized rock in-situ. Several spot anomalies and one cluster anomaly on the Green Claim require further investigation.

Soil sampling was not sufficient in order to treat the data statistically, however, the magnitude of some of the elevated values suggests these anomalous zones are significant and are locally documented to reflect the down-slope dispersion from areas of known mineralization. Further talus fine sampling needs to be conducted across the claims at several elevations.

Rock samples have returned highly anomalous values in both base and precious metals. Although some of the mineralization is associated with narrow quartz veining, significant base and precious metal values have been returned from potentially large areas of altered intrusive. Geological mapping and more extensive prospecting and sampling are required in order to more fully understand the nature and extent of these systems.

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CERTIFICATE

I, Gregory G. Crowe, of Bowen Island, British Columbia hereby certify that:

1) I am a geologist residing on Bowen Bay Road, Bowen Island, B.C.

2) I hold a degree of Bachelor of Science in Geology from the Carleton University, 1977.

3) I hold a degree of Master of Science in Structural Geology from the University of Calgary, 1981.

4) I have practised my profession since 1975.

5) I am a member of the Association of Professional Engineers, Geophysicists and Geologists of Alberta (Membership #35569) and am a Fellow of the Geological Association of Canada (#F3859).

6) This report is base on work done under my direct supervision.

Dated on this 16th day of April, 1992 at Vancouver, B.C.

Gregory G Crowe, M.Sc., P.Geol., F.G.A.C.

Appendix A

COSTS INCURRED

COSTS INCURRED - JULY 23 TO AUGUST 1, 1992

Mobilization		$ 500.00
Supervision - R. M. Cann/G. Crowe	2.3 @ $400/day	920.00
Field superv. - L. Haynes/J. Lehtinen	1.9 @ $375/day	712.50
Sr. geol. - L. Lyons/W. Taylor/M. Vaskovic	3.0 @ $350/day	1,050.00
Jr. geol. - P. McCarthy/S. Cormier	0.3 @ $250/day	75.00
Ass't - T. Muraro/H. Culbert	2.6 @ $225/day	585.00
Consultant - G. McArthur		455.00
Food and accom. at Trapper Lk. camp	11.1 @ $120/manday	1,332.00
Consumable supplies & equip. rental	11.1 @ $25/manday	277.50
Portable radio rentals		50.00
Helicopter (Trans North)	0.9 @ $750/hr	675.00
Analytical		
Soils (Au+30 element ICP)	85 @ $12	1,020.00
Rocks (Au+30 element ICP)	47 @ $17	799.00
Assays	2 @ $18.5	37.00
Camp Construction - Jempland (proportional share)		2,668.00
Report		
Drafting		500.00
Copying/Reproductions		232.42
Writing		1,000.00
TOTAL		**$ 12,888.42**

Appendix B

ROCK SAMPLE DESCRIPTIONS

Sample #	Location - UTM	Type	Description
18080	634560E 6474210N	grab	Monzonite intrusive with trace chalcopyrite, pyrite and malachite
18081	634750E 6475050N	grab	Gossanous, pyritic monzonite
18082	634700E 6475030N	grab	Gossanous, pyritic monzonite
18083	634650E 6475060N	grab	Basaltic dyke cutting pyritic monzonite, veins with sphalerite, tetrahedrite (?) and galena
18084	634640E 6475080N	grab	Gossan, monzonite adjacent to basaltic dyke with veins of pyrite, sphalerite, tetrahedrite (?) and galena
18085	634820E 6475110N	grab	Gossan, pyritic monzonite adjacent to basaltic dyke
18086	634830E 6475150N	grab	Gossan, pyritic monzonite
18141	632950E 6472300N	grab	1 m shear with rusty quartz veins cutting diorite at 320°, minor pyrite
18142	633075E 6472450N	grab	Quartz veins in 340°/steep 6 m rusty shear, note mafic dyke
18143	633320E 6472550N	grab	Quartz vein with breccia, trending 040°
18144	633565E 6472960N	grab	Quartz veining in a shear trending 320°
18145	634425E 6473455N	float	Rusty quartz vein material, minor pyrite

Sample #	Location - UTM	Type	Description
18146	635290E 6473460N	grab	Quartz-eye porphyry dyke with disseminated pyrite in a 10 m wide shear at 360°/50°
18166	632960E 6472090N	grab	Quartz stringer zone in shear with clay altered margins, cutting diorite, trace pyrite
18167	633050E 6472120N	grab	Fault at 358°/45° hosting 10-15 cm quartz on footwall side, 80 cm mafic dyke and 10 cm carbonate breccia, trace pyrite
18168	633130E 6472110N	float	Rusty, andesite dyke cutting diorite, 1-3% pyrite
18169	633230E 6472220N	grab	Fault at 355°/90°, 2 m wide, cutting diorite, hosts quartz stringering in clay alteration zone
18170	633280E 6472300N	grab	Fault, 2-3 m wide, hosts quartz stockwork in felsic dyke, trends 345°/90°
18171	633600E 6472580N	grab	Fault, 3-4 m wide, quartz stockwork, mafic dyke in fault, minor chalcopyrite
18172	633640E 6472600N	float	Diorite with pyrite filled fractures
18173	633750E 6472550N	float	Blocks at base of snowfield containing 10% combined pyrite and sphalerite in mafic dyke material
18174	633900E 6472750N	float	Rusty, silicified material
18525	635260E 6473840N	grab	Pyritic monzonite, magnetite and pyrite along fractures

Sample #	Location - UTM	Type	Description
18526	635150E 6474350N	grab	Monzonite, some silica flooding, veins and lenses of pyrite
18527	635170E 6474430N	grab	Bleached and altered monzonite, 5-7% finely disseminated pyrite
18528	634720E 6475010N	grab	Narrow quartz vein in altered (sericite and clay) monzonite and pyrite
18920	636060E 6474410N	grab	Drusy, 10 cm quartz vein in fresh monzonite, minor carbonate
18921	636000E 6474420N	rubble	Drusy, chalcedonic quartz vein material
18922	635020E 6473560N	grab	Altered monzonite, pyrite, sericite, limonite in fractures near felsic dyke
18233	634785E 6475215N	grab	Gossanous, monzonite with pyrite in fractures
18234	634770E 6475230N	grab	Gossanous zone to 1 m, quartz vein material cutting monzonite, pyritic and chloritic
18235	634745E 6475200N	grab	Gossanous monzonite, pyritic and quartz rich
18236	634690E 6475215N	grab	Gossanous, pyritic monzonite, fracturing at 188°/vertical
18237	634055E 6475065N	float	Vuggy quartz vein material, limonite and disseminated pyrite
18568	635100E 6475220N	grab	Moderately altered monzonite, bleached, mafics to chlorite, weakly silicified, sericite, chlorite-pyrite veinlets and disseminated pyrite to 2-3%

Sample #	Location - UTM	Type	Description
18569	635065E 6475300N	grab	Rusty, narrow (5-10 cm) quartz vein in moderately silicified monzonite, 20-30% pyrite in vein
18570	634710E 6475120N	float	Bleached, silicified monzonite with 10-15% galena and pyrite, trace to 1% sphalerite
18571	634710E 6475120N	float	Silicified monzonite, 5-7% galena and pyrite, trace sphalerite
18572	634770E 6475140N	chip	1.0 m wide quartz vein and silicified monzonite, 5-10% pyrite
18573	634540E 6475110N	grab	Weakly silicified monzonite, mafics to chlorite, 2-3% disseminated pyrite
18574	634290E 6474640N	grab	Intensely silicified monzonite, trace sericite, 2-3% disseminated pyrite, strongly fractured with pyrite along fractures
18575	634290E 6474690N	chip	Discontinuous chip over 12 m from same site as 18574
18944	632320E 6473280N	float	Altered intrusive, pyrite in blebs, epidote
18945	632330E 6473210N	float	As 18944, but more strongly silicified, pyrite and possible sphalerite
18946	632320E 6473170N	float	Same as 18945
18947	632600E 6472970N	grab	Drusy quartz vein to 30 cm, botryoidal textures, blebs of pyrite, near feldspar porphyry dyke contact at 135°/48°W
18948	632590E 6472920N	grab	Quartz-eye, K-feldspar porphyry dyke, 2-4 m wide, locally sericite altered with trace specks of pyrite, dyke trends 136°/57°SW

Appendix C

ROCK ANALYTICAL RESULTS

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: BORG GDZBO
ATTN: GREG CROWE/JERRY BLACKWELL

MIN-EN LABS — ICP REPORT

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

FILE NO: 1S-0264-RJ1
DATE: 91/08/06
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-FIRE PPB
18080	13.2	7900	16	11	111	.3	1	10430	4.2	22	5040	28470	1040	12	7160	330	15	360	1	1480	508	15	40	2	862	47.7	358	2	1	4	61	1
18081	.2	6740	1	8	436	.9	1	9540	.1	6	67	18030	3900	4	1650	134	2	90	1	900	26	1	20	2	12	8.3	18	1	1	3	79	1
18082	.2	6000	1	7	458	.6	1	11010	.1	5	20	15720	3360	3	1560	158	1	420	1	750	19	1	18	2	20	10.8	24	1	1	3	67	2
18083	11.2	18550	1	11	77	.1	12	12310	226.6	23	1443	60400	1120	34	21570	2888	57	240	11	3170	13959	12	46	1	2753	80.0	14035	1	3	1	102	191
18084	12.4	7850	16	9	61	.1	5	10100	467.4	10	605	34660	640	10	6630	827	14	380	1	560	17340	20	36	2	532	21.2	26215	2	2	1	65	3
18085	.5	13020	6	6	489	.5	2	12260	.8	6	24	20670	6030	7	4900	157	3	500	1	740	224	1	23	3	109	13.0	270	3	1	5	117	1
18086	.2	6220	2	3	622	.2	1	990	.1	3	9	8800	3080	3	2350	52	1	550	1	300	97	1	13	2	46	8.3	102	2	1	3	68	2
18141	.2	8200	32	3	133	.5	1	2020	.1	5	55	15510	1610	14	4430	155	21	30	1	490	39	1	9	1	20	17.6	70	2	1	6	148	16
18142	5.5	5270	25	5	204	.6	1	3100	.1	5	18	10060	2390	3	1440	638	249	20	5	530	94	5	9	1	13	48.1	51	2	1	8	193	80
18143	.3	6550	14	2	17	.7	1	300	.1	3	13	7710	2720	6	2340	117	17	10	12	210	36	1	4	1	13	27.8	47	2	1	8	197	2
18144	16.5	2430	58	16	42	.3	1	10670	.1	3	22	9020	1450	1	390	597	1312	20	3	160	48	9	13	2	8	76.4	29	3	1	8	188	825
18145	191.8	1590	16	3	48	.1	21	3480	.1	3	59	19140	460	1	140	156	116	20	4	140	208	3	17	1	167	8.9	18	1	1	11	278	21800
18146	2.7	3880	5	1	45	.3	1	8550	.1	2	5	7220	2800	3	390	137	10	230	1	380	18	1	19	8	11	5.6	28	1	1	4	87	292
18166	1.4	9440	18	3	569	.8	1	3980	.1	8	52	13950	2970	9	3510	382	24	40	2	850	20	1	12	2	16	19.5	31	2	1	5	126	37
18167	14.1	13600	15	5	303	.4	21	4260	5.9	15	114	37290	3550	14	7090	2232	55	60	1	1200	506	1	27	1	33	28.4	583	1	1	5	113	10
18168	1.1	13490	1	5	130	.3	6	4130	.1	13	15	45950	4440	10	6410	555	3	260	1	1440	56	1	24	1	796	50.9	58	3	1	3	48	1
18169	5.3	4880	28	4	114	.5	1	1710	.1	5	37	9850	2080	4	1850	169	261	30	3	340	31	3	7	1	20	20.3	24	2	1	8	206	104
18170	6.4	6660	27	4	111	.6	1	2930	.4	4	44	9690	4330	2	970	195	201	20	4	730	131	3	9	1	21	36.3	141	2	1	7	171	223
18171	2.3	8060	34	2	78	.9	1	8360	.1	5	180	11280	4220	4	1820	339	17	20	1	720	29	1	17	2	23	22.6	40	2	1	5	124	42
18172	3.4	14580	1	3	93	.1	7	14390	.1	56	19	57290	610	8	7840	235	10	200	1	1060	123	1	306	1	1381	91.8	81	3	1	8	171	44
18173	14.8	16230	55	3	167	.7	3	4250	211.8	22	217	37790	3700	14	10640	625	1	120	1	1200	6010	5	30	4	335	52.8	4329	3	1	2	83	140
18174	15.3	16820	53	3	172	.6	3	4290	221.3	23	225	38840	3960	15	10990	644	1	130	2	1210	6142	5	31	4	345	54.8	4485	3	1	2	86	205
18525	15.8	12140	41	3	40	.8	3	15060	24.3	12	38	23990	2190	8	8090	1063	6	190	2	530	6305	5	37	7	359	34.7	1497	3	1	4	113	1800
18526	1.9	12560	1	2	72	.1	14	11910	.1	9	90	30040	830	7	6350	439	1	440	1	630	137	1	74	1	1306	35.5	71	3	1	5	106	2
18527	.6	10210	4	1	286	.1	4	6390	.1	7	7	20160	2180	8	5050	269	8	450	1	770	55	1	35	1	839	26.6	50	3	1	5	112	1
18528	1.7	12990	1	2	213	.3	7	8640	.1	12	8	39020	3480	13	6970	232	9	310	1	1650	82	1	38	7	1076	23.1	50	3	1	4	73	3
18920	5.5	2010	23	5	26	.1	5	111950	178.4	14	143	68710	1260	1	980	1137	5	10	1	150	8353	17	228	1	12	6.6	8064	6	1	1	79	1
18921	.6	3920	10	1	599	.3	1	34590	.1	4	15	16440	1290	1	2690	1189	4	20	3	250	75	1	27	1	14	19.3	128	1	1	5	109	2
18922	.5	6740	5	1	120	.3	1	6160	.1	7	14	22510	2650	4	3100	190	13	180	1	740	113	1	27	1	56	13.5	73	1	1	3	72	1

COMP: AZIMUTH GEOLOGICAL
PROJ: BORG P.O. GDZBO
ATTN: G.CROWE/J.BLACKWELL

MIN-EN LABS — ICP REPORT

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

FILE NO: 1S-0345-RJ1
DATE: 91/08/12
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-FIRE PPB
18233	.2	5430	11	19	217	.2	2	10640	.1	6	16	18440	2650	11	2950	147	8	380	1	490	13	2	20	4	24	6.5	17	1	1	3	87	1
18234	.1	7090	7	8	336	.2	3	10600	.1	8	14	20790	2160	12	6120	392	4	310	1	810	16	1	19	2	29	17.7	26	3	1	3	71	1
18235	.1	9230	5	6	195	.1	4	5960	.1	8	13	24080	2520	12	6690	526	5	580	1	990	14	1	14	2	638	32.2	53	3	1	4	93	1
18236	.1	7170	8	5	361	.2	3	870	.1	3	9	15210	4010	5	3140	78	5	510	1	410	19	1	9	1	70	9.5	14	2	1	4	105	2
18237	.2	4200	4	5	210	.1	3	600	.1	2	7	10400	2990	2	710	21	46	120	1	280	521	1	4	1	23	5.9	10	1	1	5	120	1
18568	.4	17560	11	4	78	.2	6	10750	.1	8	11	26570	1310	10	6020	281	5	1680	1	750	32	1	87	2	708	35.1	38	3	1	5	114	1
18569	.1	11440	5	5	169	.1	5	12570	.1	20	8	44210	1390	4	2290	342	8	50	1	330	19	1	93	1	487	20.5	19	3	1	6	166	3
18570	3.4	6930	16	5	253	.1	3	5490	89.8	8	182	27680	2120	8	5330	405	10	560	1	700	6505	9	17	2	31	20.3	5509	3	1	4	132	1
18571	8.7	7830	31	5	225	.1	5	5270	81.4	8	453	30820	1990	10	6420	501	9	520	1	560	10079	13	17	1	295	20.7	5138	2	1	4	132	5
18572	.3	8230	6	11	375	.1	4	8880	.1	7	18	21410	3360	10	4990	480	6	330	1	650	125	1	20	1	450	13.1	78	2	1	5	113	2
18573	.1	6380	8	11	140	.1	3	4100	.1	4	8	16190	1480	8	5020	338	5	420	1	840	57	1	13	2	257	20.8	47	3	1	3	73	1
18574	.2	5470	10	2	130	.1	2	1950	.1	4	6	16000	3090	4	1890	91	7	440	1	720	63	1	10	1	156	7.3	17	1	1	5	132	2
18575	.1	6700	6	2	203	.1	4	3220	.1	5	7	18990	2140	8	4450	302	5	540	1	830	18	1	13	2	527	27.8	26	2	1	4	92	3
18944	.7	3070	16	2	80	.1	4	4470	.1	5	13	26820	2010	1	880	76	6	80	1	440	21	1	23	1	292	12.2	18	1	1	4	112	6
18945	1.6	13340	21	4	36	.1	9	6980	97.2	12	73	37900	1280	15	10430	1068	5	350	1	1510	121	1	19	1	1122	64.5	6386	4	1	2	65	2
18946	7.5	5210	32	3	42	.1	9	10150	169.5	5	180	25810	1070	5	2730	670	6	20	1	510	394	2	25	1	53	9.2	12077	1	1	2	115	18
18947	5.9	1460	1525	4	56	.1	1	460	.8	6	52	71680	1480	1	200	3	28	10	1	70	42	4	4	1	10	4.1	386	1	1	4	115	3300
18948	3.0	3650	18	1	33	.3	7	720	9.4	1	83	4580	2470	1	170	36	6	210	1	40	85	1	3	18	34	.9	610	1	1	4	111	10

MIN•EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
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THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

1S-0264-RA1

Company: AZIMUTH GEOLOGICAL INC.
Project: BORG GDZBD
Attn: GREG CROWE/JERRY BLACKWELL

Date: AUG-06-91
Copy 1. PRIME EXPLORATION, VANCOUVER, B.C.

We hereby certify the following Assay of 2 ROCK samples submitted JUL-29-91 by TED MURARO.

Sample Number	AU g/tonne	AU oz/ton
18145	23.33	.680 ✓
18525	2.18	.064 ✓

Certified by _____

To FAX

Appendix D

SOIL ANALYTICAL RESULTS

COMP: AZIMUTH GEOLOGICAL
PROJ: BORG P.O. GDZBO
ATTN: G.CROWE/J.BLACKWELL

MIN-EN LABS — ICP REPORT

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

FILE NO: 1S-0265-SJ1
DATE: 91/08/08
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
SSMI	1.3	12600	4	4	50	.9	6	8630	.1	16	86	32720	840	18	9720	599	15	110	5	1450	44	1	59	1	965	48.7	47	2	1	2	21	5
GB #1	.2	18260	5	4	247	1.5	4	8960	.1	19	67	40240	2130	17	8030	1486	4	100	2	1650	74	1	47	1	569	50.5	92	1	1	2	16	50
GB #2	.3	16940	1	3	234	1.3	6	9150	.1	21	63	43380	1700	18	9090	1405	11	140	1	1560	32	1	52	1	1162	61.3	80	2	1	2	10	5
GB #3	.1	22580	1	7	299	1.9	7	7060	.1	68	119	78210	1740	23	9060	2318	88	210	1	3770	64	1	62	1	1424	52.4	84	1	1	2	12	5
GB #4	.1	13830	1	4	264	1.5	3	3820	.1	16	68	55030	2080	16	6960	602	53	250	1	2020	56	1	32	9	400	34.3	66	1	1	1	8	5
GB #5	1.0	13090	2	2	102	.9	4	8650	.1	14	102	31840	1030	16	9280	656	5	200	1	1500	29	1	47	1	895	55.4	60	3	1	2	12	5
L2022 #1	.3	13210	91	1	198	1.5	1	7180	.1	12	135	30020	1170	11	5140	800	1	20	1	1350	18	2	14	2	24	40.1	78	2	1	2	8	70
L2022 #2	.1	8010	1	1	665	1.6	1	6890	.1	11	23	25030	2010	4	1610	1232	1	20	3	1140	17	1	17	1	12	26.3	78	1	1	1	5	5
L2022 #3	.6	11890	5	1	228	1.7	2	7330	.1	9	28	20250	1520	6	2640	986	1	30	2	1290	13	1	12	1	10	24.3	62	2	1	1	3	10
L2022 #4	1.4	6950	34	1	306	1.7	2	6120	.1	11	33	27990	2760	3	630	1626	9	20	2	1300	25	1	13	1	5	19.3	82	1	1	1	2	20
L2022 #5	.1	7200	11	2	153	2.4	2	4520	.1	18	33	45870	3790	5	840	1782	1	20	1	1970	23	1	10	1	7	18.9	74	1	1	1	2	5
L2022 #6	.1	17910	2	2	130	1.0	2	3970	.1	10	29	33530	2920	14	5590	1118	1	430	1	1450	26	2	19	1	84	70.3	72	3	1	2	11	5
L2022 #7	.1	23200	1	2	258	1.5	3	4320	.1	15	51	41990	1560	16	8550	1338	1	530	1	2420	23	1	40	1	86	60.7	82	3	1	2	11	5
L2022 #8	.1	17040	3	1	141	1.1	3	3640	.1	11	49	26160	1980	13	4510	1473	5	80	1	850	104	1	20	1	110	40.8	75	2	1	1	10	10
L2022 #9	.2	18510	5	1	240	1.6	2	6230	.1	9	38	23140	1480	15	5540	1137	2	70	2	1110	54	1	49	1	115	37.1	69	3	1	1	10	5
L2022 #10	.1	13230	5	1	186	1.7	2	4420	.1	12	58	28790	2170	9	3620	1822	7	350	4	1250	55	1	22	1	119	31.6	86	1	1	1	9	5
L2022 #11	.1	13970	3	1	187	1.1	2	4120	.1	8	58	24990	1960	11	5340	1263	3	360	2	1270	31	1	20	1	72	41.8	69	3	1	1	10	5
L2022 #12	.1	17620	1	2	134	1.7	1	4840	.1	13	40	35080	2000	18	6210	1496	2	400	4	1130	33	2	23	1	137	61.9	79	2	1	2	13	10
L2022 #13	.7	14780	1	1	154	1.2	1	4550	.1	6	33	14800	3820	10	4130	553	2	500	2	1390	30	1	19	1	64	22.0	61	2	1	1	6	20
L2022 #14	.1	20050	7	1	83	1.2	2	4370	.1	10	46	27920	1900	19	6700	896	6	390	3	1480	39	1	21	1	123	40.7	67	3	1	2	13	5
L2022 #15	.9	15560	6	2	235	2.7	3	7790	.1	20	180	47870	1720	19	8050	2308	8	390	1	1690	240	1	37	1	92	40.1	176	1	1	2	12	20
L2022 #16	.1	27410	2	2	194	2.0	3	4490	.1	17	56	45170	1160	35	13250	1787	2	640	10	2520	32	1	31	1	96	84.2	113	4	1	3	29	10
L2022 #17	.1	21330	12	1	94	1.4	2	5420	.1	12	96	33420	1600	22	8100	1203	3	340	4	1800	33	1	24	1	121	44.3	69	2	1	1	13	40
L2022 #18	.1	20210	1	1	423	2.7	3	5280	.1	11	127	27400	2510	20	6910	2157	1	320	1	1220	26	1	20	1	22	31.7	62	1	1	1	3	5
L2022 #19	.1	19010	14	1	142	1.4	3	3510	.1	11	43	34060	1870	22	7990	860	1	580	4	1150	19	1	15	1	100	42.4	53	2	1	2	12	5
L2022 #20	.1	22880	12	2	89	1.4	3	5280	.1	12	65	36630	1480	24	8320	1037	1	850	3	1360	28	1	26	1	226	60.6	69	2	1	2	14	5

COMP.- AZIMUTH GEOLOGICAL
PROJ: BORG P.O. GDZBO
ATTN: G.CROWE/J.BLACKWELL

MIN-EN LABS — ICP REPORT

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

FILE NO: 1S-0265-SJ2
DATE: 91/08/08
* SILT * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
GB 09 SILT A	.8	5650	1	4	63	.4	4	8720	.1	8	35	19140	620	7	4060	337	3	90	1	1220	23	1	33	1	594	27.5	40	1	1	1	8	10

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: BORG GDZBO
ATTN: GREG CROWE/JERRY BLACKWELL

MIN-EN LABS — ICP REPORT

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

FILE NO: 1S-0358-SJ1
DATE: 91/08/16
* SILT * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
L 1465 6+53E	.6	7980	2	7	63	.2	3	9140	.1	8	63	22170	690	10	6550	768	1	80	1	2170	64	1	36	1	424	44.8	123	3	1	1	4	10
L 1465 26+00E	1.7	9600	17	5	69	.3	5	9050	.1	17	131	44380	840	15	9510	795	7	60	1	2780	82	1	27	1	284	66.5	92	3	1	1	12	15

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: 30RG GDZBO
ATTN: GREG CROWE/JERRY BLACKWELL

MIN-EN LABS — ICP REPORT

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

FILE NO: 1S-0358-SJ2+3
DATE: 91/08/16
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
L SSMV 1	.4	21070	7	16	67	.8	3	5580	.1	18	55	46890	720	22	7120	814	12	60	1	1290	41	1	31	1	443	43.0	60	1	1	1	10	25
L SSMV 2	1.0	30460	14	12	100	3.1	7	14470	.1	50	73	48910	1450	23	8130	1710	17	80	1	1500	49	1	136	2	742	40.3	68	2	1	2	9	20
L SSMV 3	.6	13040	1	10	218	.1	5	5040	.1	14	33	67110	1690	16	7320	554	14	180	1	3220	110	1	62	1	865	46.7	57	1	1	1	8	5
L SSMV 4	.6	12250	1	8	261	.1	5	4210	.1	17	32	67610	2210	16	6530	801	18	400	1	2410	81	1	60	2	836	40.9	57	1	1	1	7	5
L SSMV 5	2.2	12860	1	6	195	.1	7	5650	.1	20	45	55980	2160	17	6290	1033	22	300	1	2360	449	1	62	1	670	38.3	81	2	1	1	8	15
L SSMV 6	1.3	15130	1	6	135	.1	5	4820	.1	12	45	71580	1330	16	6920	437	18	150	1	2520	396	1	91	1	440	46.0	105	1	1	1	9	5
09-1240 10+90W	1.3	7810	2	3	91	.2	4	6150	.1	10	45	24020	630	10	6100	457	3	90	3	1240	51	1	25	1	411	36.6	51	2	1	1	10	5
09-1240 10+55W	.8	14140	11	4	173	.7	5	5440	.1	22	84	42450	900	19	9820	875	11	100	4	1680	89	1	38	1	324	42.4	100	3	1	2	15	20
09-1240 10+25W	.9	13330	8	3	45	.3	4	6910	.1	12	72	28640	890	14	7180	855	3	90	4	1600	73	1	28	1	488	59.0	121	2	1	1	14	5
09-1240 10+00W	1.5	30610	8	5	284	2.1	10	7610	44.4	96	158	45790	1670	32	12350	12115	32	140	55	2050	165	1	48	1	360	61.0	1023	1	1	3	21	15
09-1240 09+80W	.5	22360	6	2	64	.6	4	5430	.1	12	81	32500	860	30	7540	599	6	320	6	1300	88	1	31	1	322	52.7	131	3	1	2	16	10
09-1240 09+00W	.8	20560	7	3	143	.6	4	8020	.1	15	77	36480	1050	34	8410	755	4	110	10	1430	41	1	38	1	439	73.0	243	3	1	2	28	5
09-1240 08+10W	.7	21570	8	2	122	.7	4	6400	.1	18	52	38410	790	27	9240	1002	6	90	3	1410	57	1	42	1	439	61.9	124	4	1	2	17	10
09-1240 07+65W	.9	15110	13	2	67	.4	4	5100	.1	13	44	27660	650	18	7590	686	4	70	3	1300	31	1	30	1	267	40.1	83	4	1	2	12	30
09-1240 07+00W	1.0	13170	1	2	108	.1	6	7400	.1	12	101	30610	1150	10	6070	886	1	140	1	1700	39	1	30	1	723	77.9	99	2	1	2	6	10
09-1240 06+50W	1.1	13960	10	2	70	.4	5	6670	.1	17	67	33600	670	19	9450	853	9	70	2	1440	46	1	36	1	652	46.7	70	3	1	2	15	40
09-1240 06+00W	.8	16030	1	2	42	.1	4	5990	.1	11	57	33090	670	10	5490	556	1	90	1	1280	48	1	27	1	533	75.8	66	2	1	1	11	10
09-1240 05+50W	.7	15040	4	2	40	.1	4	5630	.1	9	57	34080	730	8	4450	489	1	410	1	1300	47	1	26	1	509	79.2	77	2	1	1	7	15
09-1240 05+00W	1.6	10140	1	2	96	.1	6	9070	.1	11	108	29900	960	9	5610	813	1	200	1	1680	35	1	40	2	937	79.1	99	3	1	2	6	5
09-1240 04+75W	1.3	11840	2	2	139	.1	6	8810	.1	13	111	36340	1370	10	6230	933	1	210	1	1750	55	1	34	2	890	94.9	97	3	1	2	6	5
09-1240 04+50W	1.9	8500	8	1	79	.1	5	7340	.1	11	81	28130	530	11	7010	552	3	100	1	1600	47	1	30	1	510	49.4	64	3	1	1	9	20
09-1240 04+25W	1.3	6880	4	1	48	.1	4	7320	.1	10	63	26050	520	9	5720	457	5	90	1	1460	32	1	26	2	448	50.4	74	2	1	1	7	30
09-1240 04+00W	1.6	5870	4	1	39	.1	4	6680	.1	10	64	30530	350	8	5030	385	12	70	1	1700	35	1	23	2	355	50.1	46	2	1	1	7	35
09-1240 03+80W	1.3	6230	6	1	54	.1	5	7140	.1	10	48	27370	460	8	5100	492	2	80	1	1680	37	1	25	1	453	52.9	62	2	1	1	7	30
09-1240 03+55W	1.3	5100	6	1	23	.1	4	5550	.1	9	45	30340	300	7	4590	359	1	50	1	1110	20	1	18	1	466	60.1	34	2	1	1	6	25
09-1240 03+30W	.8	13610	3	3	353	.1	5	6240	.1	15	62	60110	2820	13	8270	653	12	320	1	2360	72	1	57	4	626	57.0	75	2	1	2	10	15
09-1240 03+05W	1.5	6290	5	2	91	.1	5	7380	.1	9	25	45640	950	6	4350	269	1	160	1	2100	59	1	39	1	852	64.5	58	2	1	2	6	35
09-1240 02+60W	.6	6220	1	3	116	.1	5	6330	.1	11	22	68920	1110	7	4550	277	1	140	1	3020	30	1	35	1	848	71.0	35	1	1	1	5	20
09-1240 02+35W	.1	19140	1	12	105	.1	1	3900	.1	34	102	222960	1220	8	4210	634	36	100	1	3010	9	1	18	1	379	36.4	153	1	1	1	1	20
09-1240 02+10W	1.3	7520	6	1	64	.1	4	7950	.1	9	42	28060	650	9	5360	410	2	90	1	1600	25	1	31	2	667	59.7	57	3	1	2	8	10
09-1240 01+85W	.3	9250	1	3	90	.5	3	7690	.1	10	57	27860	840	12	6800	571	5	100	1	1550	37	1	29	1	626	54.4	57	2	1	2	10	5
09-1240 01+60W	.4	7980	4	1	78	.3	4	9070	.1	9	42	24740	770	9	5240	433	1	110	1	1580	20	1	39	1	873	55.0	44	2	1	1	8	5
09-1240 01+35W	.6	9260	2	1	100	.3	4	9530	.1	9	46	26550	1010	10	5850	499	2	120	1	1610	24	1	44	1	903	56.4	49	2	1	2	9	5
09-1240 01+10W	.4	17900	6	1	84	.7	3	8230	.1	10	89	31520	1140	12	6590	576	4	480	1	1550	45	1	43	1	614	65.2	66	3	1	2	15	5
09-1240 00+75W	.6	7660	1	1	82	.2	1	4560	.1	2	16	7250	570	1	900	79	2	820	1	790	14	1	26	1	247	21.8	51	2	1	1	5	10
09-1240 00+50W	.3	11940	5	1	31	.2	2	4670	.1	4	26	13720	640	6	2720	161	2	740	2	850	24	1	26	1	341	37.5	34	2	1	1	10	10
09-1240 00+25W	.1	17480	5	1	49	.5	4	7690	.1	13	81	32740	1310	16	7830	712	3	100	1	1600	46	1	41	1	790	64.0	78	3	1	2	14	5
09-1240 00+00W	.5	19960	5	1	64	.8	7	9130	.1	19	89	33990	1170	20	10180	1006	4	120	12	1560	24	1	40	1	1406	78.1	75	3	1	3	27	5
09-1465 00+00E	.5	24690	3	1	138	1.0	4	9620	.1	15	148	40470	1900	21	11540	1954	1	80	1	2270	225	1	55	1	576	84.3	364	3	1	2	8	10
09-1465 01+00E	.4	21150	4	1	226	.9	3	9270	.1	13	122	35010	2260	20	10760	2067	1	50	1	1700	106	1	45	1	258	65.0	134	4	1	2	5	15
09-1465 01+50E	.4	22110	3	1	169	.9	3	10090	.1	14	125	40160	2640	21	12150	2102	1	60	1	2150	50	1	55	3	419	73.6	108	4	1	2	7	60
09-1465 02+00E	.5	21400	4	1	161	1.0	3	11300	.1	13	154	35260	1740	24	10590	1771	1	460	1	2030	117	1	67	1	450	68.5	225	3	1	2	8	20
09-1465 02+50E	1.2	18520	11	1	80	.9	5	11680	1.5	13	145	33670	1440	16	9010	1460	1	70	1	2050	210	1	74	2	751	72.8	553	4	1	2	11	55
09-1465 03+50E	1.7	13830	3	1	46	.5	4	11330	2.2	11	113	31050	1410	13	8750	1202	1	70	1	1890	321	1	66	3	786	63.8	395	3	1	1	5	95
09 L1465 9+50E	1.1	15120	18	1	95	.8	5	13030	.1	16	131	36380	1540	15	10140	950	1	100	1	2600	44	1	78	2	947	76.8	63	4	1	2	14	45
09 L1465 10+00E	1.4	16060	10	1	69	.7	5	13550	.1	15	123	34750	1470	15	10190	861	1	110	1	2500	76	1	92	2	1094	77.6	107	4	1	2	14	30
09 L1465 10+50E	1.8	20780	21	1	117	1.4	5	11440	.1	19	311	38950	1980	20	11300	1576	7	80	4	2140	450	1	70	2	599	78.7	294	5	1	2	15	50
09 L1465 11+00E	1.2	18500	27	1	181	1.4	4	9660	.1	19	185	40410	2790	21	12000	1881	3	70	2	2160	213	1	45	2	282	68.2	201	4	1	2	12	45
09 L1465 11+50E	.6	21400	13	1	189	1.3	3	9580	.1	17	276	40000	1410	21	9900	1124	6	80	1	1890	223	1	59	1	385	75.4	196	4	1	2	14	15
09 L1465 12+00E	.9	21690	14	1	80	.9	3	8700	.1	15	167	35990	1520	18	8800	1199	5	380	2	1790	356	1	53	1	499	74.9	390	3	1	2	15	5
09 L1465 13+00E	1.0	19220	26	1	147	1.3	2	8380	.1	20	184	43870	2410	18	9710	1465	10	340	1	1750	166	1	50	1	212	67.0	123	4	1	2	11	40
09 L1465 14+00E	3.6	20430	38	1	223	1.5	3	11070	.1	28	345	49970	3060	23	12190	3356	8	80	3	2400	353	1	60	1	334	68.6	293	3	1	2	11	20
09 L1465 15+00E	.8	20740	26	1	196	1.5	2	9510	.1	18	190	43740	2510	23	14200	1133	5	450	5	1850	86	1	44	1	252	76.6	113	5	1	3	31	30
09 L1465 16+00E	1.1	26960	18	1	194	1.6	4	9710	.1	21	268	47940	2730	29	13990	2133	4	90	1	1870	125	1	71	1	453	88.8	164	5	1	2	15	5
09 L1465 17+00E	1.0	19160	26	1	158	1.2	3	7630	.1	19	152	40220	2560	20	13600	1581	3	410	1	1570	83	1	32	1	284	67.5	115	5	1	2	10	50
09 L1465 19+00E	.4	19520	26	1	171	1.2	3	7400	.1	17	104	40180	2750	20	12520	1249	2	70	1	1540	51	1	29	1	270	68.8	71	5	1	2	12	35

Appendix E

ANALYTICAL PROCEDURES

MINERAL
• ENVIRONMENTS
LABORATORIES

Division of Assayers Corp. Ltd.

ANALYTICAL PRECEDURE REPORT FOR ASSESSMENT WORK:

PROCEDURE FOR WET GOLD GEOCHEMICAL ANALYSIS

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

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

5.00 grams of sample is weighed into porcelain crucibles and cindered @ 800 C for 3 hours. Samples are then transferred to beakers and digested using aqua regia, diluted to volume and mixed.

Further oxidation and treatment of 75% of the above solution is then extracted for gold by Methyl Iso-butyl Ketone.

The MIBK solutions are analyzed on an atomic absorption spectrometer using a suitable standard set.

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

PHONE: (604) 980-5814 (604) 988-4524
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MINERAL
• ENVIRONMENTS
LABORATORIES

Division of Assayers Corp. Ltd.

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK:

PROCEDURE FOR TRACE ELEMENT ICP

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

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

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

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

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

OFFICE AND LABORATORIES:
705 WEST FIFTEENTH STREET, NORTH VANCOUVER, B.C.
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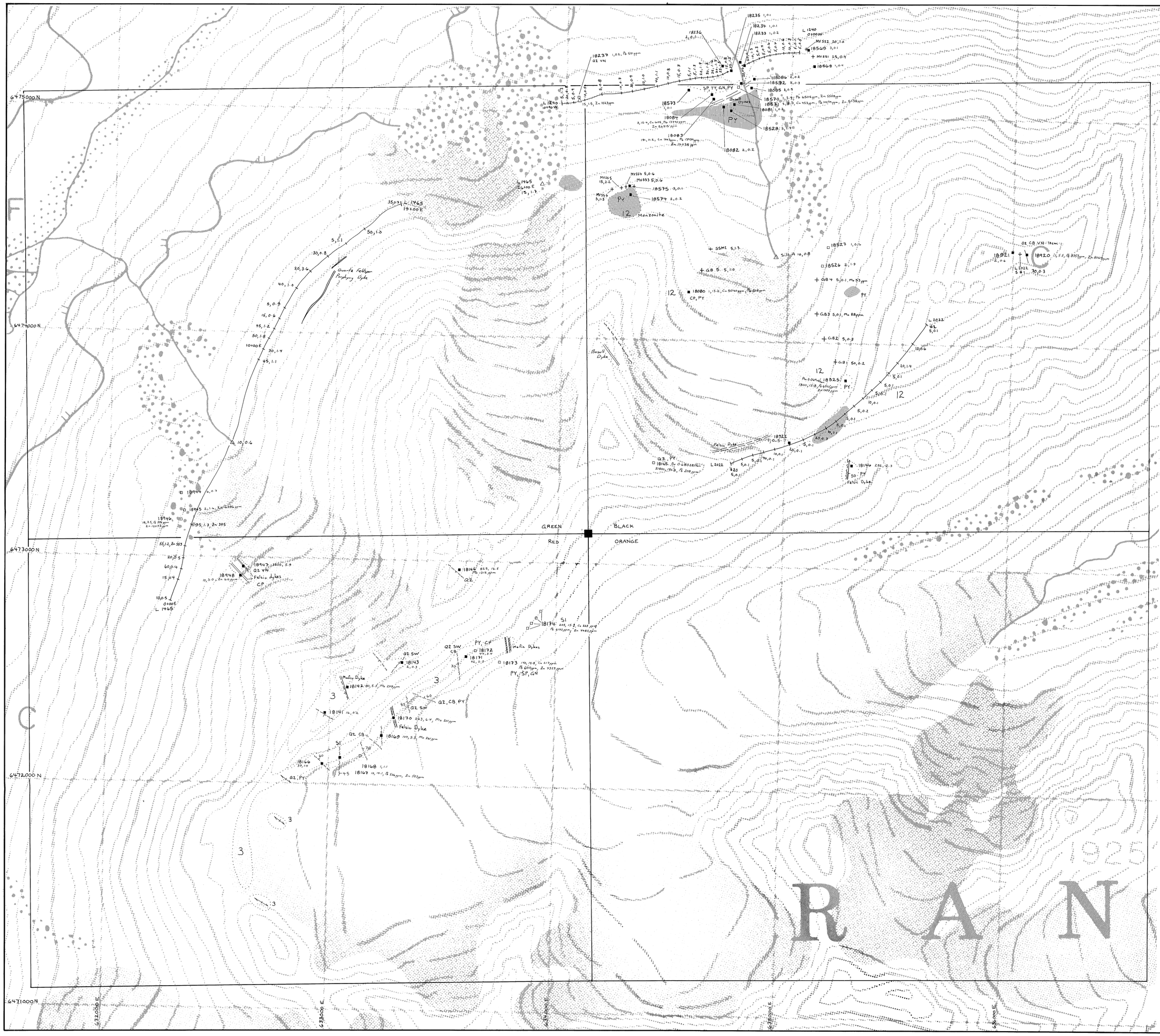

LEGEND

LITHOLOGIES

CRETACEOUS and TERTIARY

12/11 Probably genetically related to 10
11 Felsite, quartz-feldspar porphyry
12 Medium to coarse grained, pink, biotite-hornblende quartz monzonite

10 SLOKO GROUP Light green, purple and white rhyolite, dacite and trachyte flows, pyroclastic rocks and derived sediments

JURASSIC AND/OR CRETACEOUS
Post Middle Jurassic

9 9a Hornblende-biotite granodiorite;
9b Biotite-hornblende quartz diorite;
9c Hornblende diorite; 9d Augite diorite

JURASSIC
Lower and Middle Jurassic

LABERGE GROUP (7/8)

8 TAKWAHONI FORMATION: Granite boulder conglomerate, chert pebble conglomerate, greywacke, quartzose sandstone, siltstone, shale

7 INKLIN FORMATION: Well bedded greywacke, graded siltstone and silty sandstone, pebbly mudstone, limy pebble conglomerate, limestone

TRIASSIC
Upper Triassic

6 SINWA FORMATION: Limestone; minor sandstone, argillite, chert

STUHINI GROUP (4/5)

5 KING SALMON FORMATION: Thick bedded dark greywacke, conglomerate, mudstone, siltstone and shale; minor andesitic lava, volcanic breccia, tuff, limestone, limy shale; locally enclosed in 4

4 Mainly volcanic rocks; andesite and basalt flows, pillow lava, volcanic breccia and agglomerate, lapilli tuff; minor volcanic sandstone, greywacke and siltstone.

LOWER OR MIDDLE TRIASSIC(?)

3 Fine to medium grained, strongly foliated diorite, quartz diorite; and minor granodiorite; age uncertain

TRIASSIC AND EARLIER

2 Fine grained clastic sediments and intercalated volcanic rocks, largely altered to greenstone and phyllite; chert, jasper, greywacke/ limestone

PERMIAN(?)

1 May not all be of the same age. Peridotite, serpentinite, small irregular bodies of gabbro and pyroxene diorite

A Diorite gneiss, amphibolite, migmatite; age unknown

Geology after J.G. Souther, 1970

SYMBOLS

- ROCK SAMPLE OUTCROP
- ROCK SAMPLE FLOAT
- SILT SAMPLE
- SOIL GEOCHEM LINE (Au ppb, Ag ppm)
- SOIL SAMPLE SITE
- GEOLOGICAL CONTACT
- BEDDING ATTITUDE
- JOINTING
- FOLIATION
- SHEAR/FAULT
- GOSSAN
- LEGAL CORNER POST (L.C.P.)

ABBREVIATIONS

AZ	Azurite
AS	Arsenopyrite
CA	Calcite
CB	Carbonate
CB(Fe)	Carbonate(Iron)
CP	Chalcopyrite
EP	Epidote
GN	Galena
HM	Hematite
LM	Limonite
MA	Malachite
MO	Molybdenite
PO	Pyrrhotite
PY	Pyrite
QZ	Quartz
SI	Silica/siliceous
SP	Sphalerite
TT	Tetrahedrite
VN	Vein
SW	Stockwork

100 0 100 200 400
METRES

GEOLOGICAL BRANCH ASSESSMENT REPORT

22,278

GOLDEN RING RESOURCES LTD.

BORG

GEOLOGY & GEOCHEMISTRY

BRITISH COLUMBIA

AZIMUTH GEOLOGICAL INCORPORATED

DRAWN: J.J.E.	MINING DIV.: ATLIN		FIGURE
N.T.S.: 104 K/7	SCALE: 1:5000		4
DATE: OCT., 1991	REVISED:		