LOG NO: May 3/0	71 RD.
ACTION:	

SUB-RECORDER RECEIVED						
APR	29	1991				
M.R. #	JUVI	\$ ER, B.C.				

ASSESSMENT REPORT

1990

GEOPHYSICAL AND DIAMOND DRILLING PROGRAM

on the

HUNTER 1, SHUL 1-6, ORE 1-7 GOLD VALLEY 6-7 AND SARAH 4-6 CLAIMS

SKEENA MINING DIVISION

LOCATED

13 KMS EAST OF STEWART, BRITISH COLUMBIA

CENTERED ON

LATITUDE: 56 07' LONGITUDE: 129 50'

NTS 104A/4W

OWNER

BOND GOLD CANADA INC. (100% BGC and claims held under option)

OPERTATOR

BOND GOLD CANADA INC.

REPORT BY

ANDREAS H. VOGT ADRIAN D. BRAY

DATE: MAY 1, 1991



R H

BB

<u>_</u>

E A E A

G I S M

0 0

S E

A E

SUMMARY

1990 EXPLORATION PROGRAM HUNTER 1, SHUL 1-6, ORE 1-7 AND GOLD VALLEY 6-7 AND SARAH 4-6 CLAIMS

The Hunter 1/Shul 1-6/Ore 1-7/Gold Valley 6-7 claims, located within the Skeena Mining Division of British Columbia, are approximately 13 kilometres east of Stewart, Canada's most northerly ice-free. The report covers 19 mineral claims comprising approximately 7,196 hectares. The land package is held by Bond Gold Canada Inc. under two seperate option agreements (Hunter Joint Venture Option, Lehto Option) and in part by 100% BGC claims.

The claims are situated within the Stikinia Terrane. They are underlain by volcanic and sedimentary rocks of the Jurassic Hazelton Group Unuk River and Salmon River Formations, which have been intruded by Eocene dykes, sills and plugs of granite, granodiorite and quartz monzonite.

A reconnaissonce-style ground geophysics Genie VLF-EM and magnetometer program identified three EM targets, one of which was evaluated by two diamond drill holes. The work was conducted on the claims during the period August 17, 1990 to September 6, 1990.

Two diamond drill holes totalling 212.42 metres were completed on one EM geophysical target. No significant gold values were encountered.

Further geological evaluation of the claims is warranted. Drill results based strictly on geophysical anomalies do not accurately reflect the gold potential of the claims. A reconnaissonce-style mapping and sampling program is recommended.

TABLE OF CONTENTS

page

	SUMMARY	i
1.0 1.1 1.2	INTRODUCTION LOCATION, ACCESS AND PHYSIOGRAPHY PROPERTY STATUS	1 1 3
2.0	REGIONAL GEOLOGY AND MINERALIZATION	3
3.0	PROPERTY GEOLOGY AND MINERALIZATION	9
4.0	GROUND GEOPHYSICS	10
5.0	DIAMOND DRILLING	10
6.0	CONCLUSIONS AND RECOMMENDATIONS	20
7.0	COST STATEMENT	21
8.0	CERTIFICATES OF QUALIFICATIONS	22
9.0	REFERENCES	24

LIST OF FIGURES

FIGURE	90-01	LOCATION MAP	2
FIGURE	90-02	CLAIM MAP	5
FIGURE	90-03A-	90-03D MAG/VLF PROFILES: TARGET #1.	11
FIGURE	90-04A-	90-04B MAG/VLF PROFILES: TARGET #2.	15
FIGURE	90-05	VLF PROFILE: TARGET #3	17

LIST OF TABLES

TABLE 1	PROPERTY SI	ATUS SUMMARY	 4
TABLE 2	SURFACE SAM	IPLES	 8

LIST OF APPENDICES

APPENDIX	Α	DRILL	LOGS
APPENDIX	В	ASSAY	CERTIFICATES

FIGURES APPENDIX

FIGURE 90-06 DRILL SECTION HJ90.01/HJ90.02 I::	FIGURE 90-06
--	--------------

1.0 INTRODUCTION

Between August 17, 1990 and September 6, 1990 a ground geophysical and diamond drill program was conducted by Bond Gold Canada Inc. on the Hunter 1 claim. A total of 212.42 metres BQTW core was drilled in two holes on one medium to high priority airborne EM geophysical target. Four rock samples were taken from the target.

1.1 LOCATION, ACCESS, AND PHYSIOGRAPHY

The Hunter 1, Shul 1-6, Ore 1-7 and Gold Valley 6-7 claims are located within the Boundary Range of the northern British Columbia Coast Mountains, approximately 13 kilometres east of the town and deep water port of Stewart (Figure 90-01). The claims are roughly centred on latitude 56°07' North and longitude 129°50' West. The Hunter 1, Shul 1-6 and Ore 1-7 claims (Hunter Joint Venture Option) cover the area between Bitter Creek and Highway 37A around Ore Mountain. The Gold Valley 6-7 claims (Lehto Option) are bounded by Bitter Creek to the west and by the Bear River Glacier to the east. The 100% BGC held claims, Sarah 4-6, are contiguous between the Hunter Joint Venture and Lehto Option claims.

Access to the claims was by helicopter from Bond Gold Canada Inc.'s 50-man exploration camp established at Goldslide Creek within the cirque of Red Mountain approximately kilometres to the south.

The claims cover rugged mountainous terrain with elevations ranging from 150 metres to 2075 metres above sea level. The area has a coastal climate. Snowfall is very heavy due to high elevations, northern latitude, and proximity to the ocean. In the Stewart area mean annual snowfall ranges from 520 centimetres at sea level and 1,500 centimetres at 460 metre elevation (Bear Pass) up to 2,250 centimetres at an elevation of 915 metres (Tide Lake Flats).

-1-



Vegetation consists of coastal rain forest with mature western hemlock, sitka spruce, fir, and black cottonwood amid a thick fern and moss ground cover. A thin veneer of subalpine spruce thickets, heather and alpine meadows occurs at higher elevations up to the treeline which varies with aspect and terrain between 1,200 and 1,400 metre elevation. Bare rocks and talus slopes with intermittent alpine vegetation mark the area above the treeline up to an elevation of about 1,700 to 1,800 metres. Avalanche paths are usually overgrown by an impassable cover of slide alder. Wildlife consists of mountain goats, grizzly bears, black bears, wolves, marmots, martens, and ptarmigans.

1.2 PROPERTY STATUS

The Hunter 1, Ore 1-7, Shul 1-6 (Hunter Joint Venture Option, Gold Valley 6-7 (Lehto Option) and Sarah 4-6 (100% BGC) claims are located within the Skeena Mining Division of British Columbia. They comprise 290 units, including 18 staked mineral claims and 1 Reverted Crown Grant claim totalling approximately 7,196 hectares. Relevant claim information has been summarized in Table 1. Figure 90-02 shows the disposition of the claims.

2.0 REGIONAL GEOLOGY AND MINERALIZATION

GEOLOGY

The Hunter 1, Shul 1-6, Ore 1-7 (Hunter Joint Venture Option), Gold Valley 6-7 (Lehto Option) and Sarah 4-6 (100% BGC) claims are situated at the western margin of a broad, north-northwest trending vulcano-plutonic belt composed of the Upper Triassic Stuhini Group and the Upper Triassic to Lower Middle Jurassic Hazelton Group. This belt has been termed the "Stewart Complex" by Grove (1986) and forms part of the Stikinia

TABLE 1

PROPERTY STATUS SUMMARY HUNTER JOINT VENTURE AND LEHTO OPTIONS

CLAIM NAME	RECORD NO.	UNITS/HECTARES	RECORD DATE
HUNTER 1	7212	20/500	13/02/91
ORE 1	7213	20/500	13/02/91
ORE 2	7362	16/400	18/03/94
ORE 3	7363	20/500	19/03/91
ORE 4	7364	20/500	19/03/91
ORE 5	7365	20/500	19/03/91
ORE 6	7476	18/450	19/03/91
ORE 7	7477	9/225	19/03/91
SHUL 1	7343	20/500	17/03/91
SHUL 2	7344	20/500	17/03/91
SHUL 3	7345	12/300	17/03/91
SHUL 4	7346	18/450	17/03/91
SHUL 5	7347	18/450	19/03/91
SHUL 6	7348	18/450	19/03/91
GOLD VALLEY 6	13390	1/20.9	28/08/91
GOLD VALLEY 7	2947	20/500	10/04/91
SARAH 4	7903	4/50	15/09/91
SARAH 5	7904	4/100	15/09/91
SARAH 6	7905	12/300	15/09/91
TOTAL	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	290/7196	╺╺╺╺╺╶╸╸┙╸╸╸╸



-5-

Terrane. The Stikinia Terrane together with the Cache Creek and Quesnel Terranes constitute the Intermontane Superterrane which was accreted to North America in Middle Jurassic time (Monger et al, 1982). To the west, the Stewart Complex is bordered by the Coast Plutonic Complex. Sedimentary rocks of the Middle to Upper Jurassic Bowser Lake Group overlay the complex in the east.

The Jurassic stratigraphy was established by Grove (1986) during regional mapping between 1964 and 1968. Formational subdivisions have been and are in the process of being modified and refined as a result of recent work being undertaken in the Stewart, Sulphurets, and Iskut areas by the Geological Survey Branch of the BCMEMPR (Alldrick 1984, 1985, 1989) and the Geological Survey of Canada (Anderson 1989, Anderson and Thorkelson 1990). A sedimentological, stratigraphic, and structural framework is slowly emerging for this area.

The Hazelton Group represents an evolving (alkalic/calcalkalic) island arc complex, capped by a thick succession of Grove (1986) subdivided the turbidites (Bowser Lake Group). Hazelton Group into four litho-stratigraphic units (time intervals defined by Alldrick 1987): the Upper Triassic to Lower Jurassic (Norian to Pliensbachian) Unuk River Formation, the Middle Jurassic Betty Creek (Pliensbachian to Toarcian) and Salmon River (Toarcian Formations, and the Middle to Upper Jurassic to Bajocian) (Bathonian to Oxfordian- Kimmeridigian) Nass Formation. Alldrick assigned formational status (Mt.Dilworth Formation) to a Toarcian rhvolite unit (Monitor Rhyolite) overlying the Betty Creek Rocks of the Salmon River Formation are transitional Formation. between the mostly volcanic Hazelton Group and the wholly sedimentary Bowser Lake Group and are presently treated either as the uppermost formation of the former or the basal formation of the latter (Anderson and Thorkelson 1990). The Nass Formation has now been assigned to the Bowser Lake Group.

The Unuk River Formation, a thick sequence of andesitic flows and tuffs with minor interbedded sedimentary rocks, host several major gold deposits in the Stewart area. The unit is unconformably overlain by heterogeneous maroon to green, epiclastic volcanic conglomerates, breccias, greywackes and finer grained clastic rocks of the Betty Creek Formation. Felsic tuffs and tuff breccias characterize the Mt.Dilworth Formation. This formation represents the climactic and penultimate volcanic event of the Hazelton Group volcanism and forms an important regional marker horizon. The overlying Salmon River Formation has been subdivided in the Iskut area into an Upper Lower Jurassic and a Lower Middle Jurassic member (Anderson and Thorkelson 1990). The upper member has been further subdivided into three north trending facies belts: the eastern Troy Ridge facies (starved basin), the medial Eskay Creek facies (back-arc basin), and the western Snippaker Mountain facies (volcanic arc).

Sediments of the Bowser Lake Group rest unconformably on the Hazelton Group rocks. They include shales, argillites, silt- and mudstones, greywackes and conglomerates. The contact between the Bowser Lake Group and the Hazelton Group passes between Strohn Creek in the north and White River in the south. The contact appears to be a thrust zone with Bowser Lake Group sediment "slices" occurring within and overlying the Hazelton Group pyroclastic rocks to the west.

Two main intrusive episodes occur in the Stewart area: a Lower Jurassic suite of dioritic to granodioritic porphyries (Texas Creek Suite) that are comagmatic with extrusive rocks of the Hazelton Group and an Upper Cretaceous to Early Tertiary intrusive complex (Coast Plutonic Complex and satellite intrusions). The Early Jurassic suite is characterized by the occurrence of coarse hornblende, orthoclase and plagioclase phenocrysts and locally potassium feldspar megacrysts. The Eocene Hyder quartz-monzonite, comprising a main batholith, several smaller plugs, and a widespread dike phase, represents the Coast Plutonic Complex.

Middle Cretaceous regional metamorphism (Alldrick et al. 1987) is predominantly of the lower greenschist facies. This metamorphic event seems to be related to west-vergent compression and concomitant crustal thickening at the Intermontane - Insular superterrane boundary (Rubin et al 1990). Biotite hornfels zones

-7-

are associated with a majority of the quartz monzonite and granodiorite stocks.

MINERALIZATION

The Stewart Complex is the setting for the Stewart (Silbak-Premier, Big Missouri), Iskut (Snip, Johnny Mountain, Eskay Creek), Sulphurets, and Kitsault (Alice Arm) gold/silver mining camps. Mesothermal to epithermal, depth-persistent gold-silver veins form one of the most significant typea of economic gold deposits. There is a spatial as well as temporal association of this gold mineralization with Lower Jurassic calc-alkaline intrusions and volcanic centres. These intrusions are often characterized by 1-2 cm sized potassium feldspar megacrysts and correspond to the top of the Unuk River Formation.

The most prominent example of this type of deposit is the historic Silbak-Premier gold-silver mine which has produced 56,600 kg gold and 1,281,400 kg silver in the time from 1918 to 1976. Current open pit reserves are 5.9 million tonnes grading 2.16 g Au/t and 80.23 g Ag/t (Randall 1988). The ore is hosted by Unuk River Formation andesites and comagmatic Texas Creek porphyritic The ore bodies comprise a series of en dacite sills and dikes. echelon lenses which are developed over a strike length of 1800 metres and through a vertical range of 600 metres (Grove 1986, McDonald 1988). The mineralization is controlled by northwesterly and northeasterly trending structures and their intersections, but also occur locally concordant with andesitic flows and breccias. Two main vein types occur: silica-rich, low-sulfide precious metal veins and sulfide-rich base metal veins. The precious metal veins are more prominent in the upper level of the deposit and contain polybasite, pyrargyrite, argentiferous tetrahedrite, native silver, electrum, and argentite. Pyrite, sphalerite, chalcopyrite and galena combined are generally less than 5%. The base metal veins crosscut the precious metal veins and increase in abundance with They contain 25 to 45% combined pyrite, depth. sphalerite, chalcopyrite and galena with minor amounts of pyrrhotite,

argentiferous tetrahedrite, native silver, electrum and arsenopyrite. Quartz is the main gangue material, with lesser amounts of calcite, barite, and some adularia being present. The mineralization is associated with strong silicification, feldspathization, and pyritization. A temperature range of 250 to 260 degrees C has been determined for the deposition of the precious and base metals (McDonald 1990).

Middle Eocene silver-lead-zinc veins are characterized by high silver to gold ratios and by spatial association with molybdenum and/or tungsten occurrences. They are structurally controlled and lie within north-, northwest-, and east-trending faults. This mineralization is less significant in economic terms.

Porphyry molybdenum deposits are associated with the Tertiary Alice Arm Intrusions, a belt of quartz-monzonite intrusions parallel to the eastern margin of the Coast Plutonic Complex. An example of this type of deposits is the B.C. Molybdenum Mine at Lime Creek.

3.0 PROPERTY GEOLOGY AND MINERALIZATION

The Hunter Joint Venture claims (Hunter 1, Shul 1-6 and Ore 1-7) covers the area between Bitter Creek and Highway 37A around Ore Mountain. The main lithologies are argillites and clastic rocks of the Salmon River Formation (Grove 1986) which have been intruded by dikes, sills, and plugs of granite, granodiorite, and quartz monzonite. Several historic showings of gold-bearing, silver-rich base-metal veins are known from the adjacent Ore Mountain Property. These showing include the Roosevelt Silver Tunnel (1.44 g Au/t, 881.02 g Ag/t, 18% zinc, 22% lead, 0.89% copper over 10 cm; AR 13,352) the Roosevelt Copper Tunnel (25.03 g Au/t over 20 cm; AR 13,352), the Radio Creek Showing, the East Copper Showing, the Morgan Showing, the Lead Coil Showing, and the Lakeshore Showing. The Gold Valley 6-7 claims (Lehto Option) are bounded by Bitter Creek to the west and by the Bear River Glacier to the east. The main lithologies are tuffs and volcaniclastic sediments of the Unuk River Formation (Grove 1986). The 100% BGC held claims, Sarah 4-6, are contiguous between the Hunter Joint Venture and Lehto Option claims. The main lithologies are argillites and clastic rocks of the Salmon River Formation (Grove 1986).

4.0 GROUND GEOPHYSICS

Three medium to high priority airborne EM anomalies (targets # 1,2, and 3) were identified on the Hunter Joint Venture Option claims (Figure 90-02). These targets were ground-truthed during the months of August and September of 1990 by a two-person geophysical reconnaissance crew. The conductors were delineated by means of a portable Genie EM unit and proton magnetometer. Profiles are shown in Figures 90-03 to 90-05.

The weak anomaly detected in the eastern part of the claim group (target # 1) is interpreted to be probably a surface feature and not caused by a bedrock conductor. The second target is a weak EM conductor located in an area underlain by argillites and shales. Two conductive trends were identified at the third target, both of which are associated with magnetic highs. Four samples were taken from the two conductive trends identified at target #3, all of which assayed less than 1.00 gAu/t. Results are presented in Table 2. Assay certificates are provided in Appendix B.

5.0 DIAMOND DRILLING

A total of 212.42 metresin two drill holes tested the two conductors associated with the third target located at the western slope of Ore Mountain (target #3; Hunter #1 claim). Drill logs and assay certificates are provided in Appendices A and B of the report, respectively. Drill sections are illustrated in Figure 90-06. The drilling was based strictly on the geophysical anomalies as no outcrops occur in the vicinity of the drill site.



FIGURE 90-03A



FIGURE 90-03B

-12-



FIGURE 90-03C



FIGURE 90-03D



FIGURE 90-04A



FIGURE 90-04B

RATIO (%)



FIGURE 90-05

RATIO (Z)

TABLE 2

SURFACE SAMPLING

SAMPLE #	ALTERATION	SULFIDE	DESCRIPT.	WIDTH (m)	gAu/t	gAg/t
10677	FeOx,jar	tr-1%py	Argillite	0.90	0.04	0.8
10678	FeOx,mod sil	1-2%py	Volcanic	0.90	0.04	0.7
10679	mod FeOx	tr py	Argillite	0.80	0.04	1.0
10680	FeOx,mod sil	tr py	Argillite	0.80	0.01	2.7

Both holes were drilled from the same set-up, hole HJ90.01 with an azimuth of 260 degrees and hole HJ90.02 with an azimuth of 080 degrees.

The first hole (HJ90.01) was drilled on a conductor of moderte strength with a flanking magnetic high. It intersected thick sections of graphitic argillite with minor trace to 2% pyrite. No significant gold values were encountered.

The second hole (HJ90.02, HJ90.02B) was drilled on a weak ocnductor within a broad magnetic anomaly. The conductor is explained by thick sections of graphitic argillite. The magnetic response is probably caused by an igneous intrusion, namely quartz diorite and feldspar porphyry cored in the hole. No significant gold values were encountered.

6.0 CONCLUSIONS AND RECOMMENDATIONS

A reconnaissonce-style ground geophysics VLF-EM and magnetometer program identified three seperate EM targets (#1-#3). Targets #1, #2 and #3 occur on Ore 4, Ore 1 and Hunter 1, respectively. The work was conducted on the claims during the period August 17, 1990 to September 6, 1990.

A total of 212.42 metres of diamond drilling in two holes was carried out to test EM geophysical target #3. A 3.00 metre core interval grading 0.03 gAu/t was obtained.

Historic showings on surrounding claims (ie. Ore Mountain) suggest that further geological examination of the property is warranted. The negative drill results based strictly on geophysical anomalies do not accurately reflect the gold potential of the claims. A reconnaissonce-style mapping and sampling program is recommended.

7.0 COST STATEMENT

EXPENDITURE TYPE	TOTAL
Salaries- Permenant	\$ 750.00
- Contract	1,187.02
Computer Rental and Lease	76.80
Computer Supplies	8.78
Equipment Repair & Maintenance	14.99
Post/Courier	82.40
Supplies & Stationary	16.89
Telephone/Fax	0.50
Consulting Fees	47.64
Meals	25.96
Copies/Maps	134.25
Travel & Accommodation	1,310.29
Geophysics-ground	1,677.85
Option & Lease	119.00
Drilling	30,307.11
Assays & Analyses	3,614.23
Camp Equipment	403.07
Aircraft- Fixed Wing	528.38
- Rotary	2,020.55
Subtotal	42,325.71
Overhead Charge @ 10%	4,232.57
GRAND TOTAL	\$46,558.28

8.0 CERTIFICATE OF QUALIFICATIONS

I, Andreas Hans Vogt, of 3342 West 7th Avenue, Vancouver B.C. do hereby certify that:

- I have studied Mining Geology at the Universities of Muenchen and Goettingen (both West Germany) and the Austrian Mining University in Leoben and have received a M.Sc equivalent in Mining Geology from the Austrian Mining University in December of 1982.
- 2. I am a fellow in good standing of the Geological Association of Canada.
- 3. I am a member of the German Geological Society, Geological Society of America, Computer Oriented Geological Society, Society for Geology Applied to Mineral Deposits, affiliated member of the Association of Exploration Geochemists.
- 4. I have continuously practised my profession since my graduation in Canada, Spain, West Germany, Cyprus, Austria, and Chile.
- 5. I am employed by Bond Gold Canada Inc..
- 6. The statements in this report are based on field work and office compilation on the Hunter 1, Shul 1-6, Ore 1-7, Gold Valley 6-7 and Sarah 4-6 claims. The field work was carried out from August 17 to September 6, 1990. I have personally conducted or supervised the work described in this report.

Dated at Vancouver this 29th day of April, 1991.

ANDREAS H.

8.0 CERTIFICATE OF QUALIFICATIONS

I, Adrian Dana Bray, of 1041 Comox St. Apt. 31, Vancouver B.C., do hereby certify that:

- I have studied Geology at Acadia University in Wolfville, Nova Scotia and have received a Bachelor of Sciences degree with Honours in Geology in October of 1986.
- I am an associate member in good standing of the Geological Association of Canada.
- 3. I have continuously practised my profession since graduation in Nova Scotia, Ontario, Quebec and British Columbia.
- 4. I am employed by Bond Gold Canada Inc.
- 5. The statements in this report are based on office compilation on the Hunter 1, Shul 1-6, Ore 1-7, Gold Valley 6-7 and Sarah 4-6 claims. The field work was conducted from August 17 to September 6, 1990. I have personally conducted or supervised the work described in this report.

Dated at Vancouver this 29th day of April, 1991.

ADRIAN D. BRAY

-23-

8.0 REFERENCES

ALLDRICK, D.J. (1984): Geologic setting of the precious metal deposits in the Stewart Area; in: Geological Fieldwork 1983, BCMEMPR, Paper 1984-1, p. 149-164

ALLDRICK, D.J. (1985): Stratigraphy and Petrology of the Stewart Mining Camp (104B/1); in: Geological Fieldwork 1984, BCMEMPR, Paper 1985-1, p.316-341

ALLDRICK, D.J. (1989): Geology and Mineral Deposits of the Salmon River Valley - Stewart Area, 1:50,000. BCMEMPR Open File Map 1987-22.

ALLDRICK, D.J. (1989): Volcanic Centres in the Stewart Complex (103P and 104A,B); in: Geological Fieldwork 1988, BCMEMPR, Paper 1989-1, p 223- 240.

ALLDRICK, D.J., GABITES, J.E. and GODWIN, C.I. (1987): Lead Isotope Data from the Stewart Mining Camp; in: Geological Fieldwork 1986, BCMEMPR Paper 1987-1, p. 93-102

ALLDRICK, D.J., BROWN, D.A., HARAKAL, J.E., MORTENSEN, J.K. and ARMSTRONG, R.L. (1987): Geochronology of the Stewart Mining Camp (104B/1); in: Geological Fieldwork 1986, BCMEMPR, Paper 1987-1, p. 81-92.

ANDERSON, R.G. (1989): A stratigraphic, plutonic, and structural framework of the Iskut River Map Area, northwestern British Columbia; in: Current Research, Part E, Geological Survey of Canada, Paper 89-1E, p. 145-154.

ANDERSON, R.G. and THORKELSON, D.J. (1990): Mesozoic stratigraphy and setting for some mineral deposits in Iskut map area, northwestern British Columbia; in: Current Research, Part E, Geological Survey of Canada, Paper 90-1E, p. 131-139

GROVE, E.W. (1986): Geology and Mineral Deposits of the Unuk River-Salmon River-Anyox Area; BCMEMPR, Bulletin 63, 434p

McDONALD, D. (1989): Metallic Minerals in the Silbak Premier Silver-Gold Deposits, Stewart; in: Geological Fieldwork 1987, BCMEMPR, Paper 1988-1, p. 349-352

McDONALD, D. (1990): Temperature and Composition of Fluids in the base metal rock Silbak Premier Ag-Au Deposits, Stewart, B.C.; in: Geological Fieldwork 1989, BCMEMPR, Paper 1990-1, p. 323-335

MONGER, J.W., PRICE, R.A., and TEMPELMAN-KLUIT, J.D. (1982): Tectonic accretion and the origin of the two major metamorphic and plutonic welts in the Canadian Cordillera. Geology, v.10, p. 70-75 RANDALL, A.W. (1988): Geological Setting and Mineralization of the Silbak Premier and Big Missouri Deposits; in Field Guide Book, Major Gold-Silver Deposits of the Northern Canadian Cordillera, Society of Economic Geologists, p. 85-99

RUBIN, C.M, SALEEBY, J.B., COWAN, D.S., BRANDON, M.T., and MCGRODER, M.F. (1990): Regionally extensive mid-Cretaceous west-vergent thrust system in the northwestern Cordillera: Implications for continent-margin tectonism. Geology, v.18, p. 276-280

A P P E N D I X A

DRILL LOGS

	GOLD CANAL	DA INC.	DIAMOND DR	AILL HOLE REPORT				Pa	ge #1 c	f 6			
LE NO. DPERTY DATION AIM NO. RGET ARTED NISHED CTION MMENTS	HJ90.01 HUNTER COND. #3 HUNTER COND. #3 SEPT. 5 SEPT. 5	NORTHING EASTING ELEVATION SURV. E. SURV. N. , 1990 LOGGED BY , 1990 CHECKED BY CORE	0.00 -400.00 S.NISYIF A. BRAY BQ TW	DH COMP. BEAR GRID ORIENT. DH GRID AZ. DIP-COLLAR LENGTH (m) DRILL CO. DRILL NO. FOREMAN	260 0 260 -45 109.10 FALCON 1000/1 E.RAUME	Depth 109.1	Dip Azin - 52 2	nuth Test 270 SPER	Depth Dip	Azimuth	Test		
FROM	то	DES	CRIPTION					SAMPL	e from	TO	WIDTH	Au g_ton	Ag g_ton
SUMMARY	ž												
0.00	6.00	CASING											
	15.10	ARGILLITE (13/grap)	hitic,6c)										
6.00													
6.00 15.10	19.60	CARBONACEOUS GREYW	ACKE (greywack	ce,c4a)									
6.00 15.10 19.60	19.60 40.90	CARBONACEOUS GREYW	ACKE (greywack hitic,6c)	ce,c4a)									
6.00 15.10 19.60 40.90	19.60 40.90 43.40	CARBONACEOUS GREYW ARGILLITE (13/grap CARBONACEOUS GREYW	ACKE (greywack hitic,6c) ACKE (greywack	ce,c4a) ce,c4a)									
6.00 15.10 19.60 40.90 43.40	19.60 40.90 43.40 58.60	CARBONACEOUS GREYW ARGILLITE (13/grap CARBONACEOUS GREYW ARGILLITE (13/grap	ACKE (greywack hitic,6c) ACKE (greywack hitic,6c)	ce,c4a) ce,c4a)									
6.00 15.10 19.60 40.90 43.40 58.60	19.60 40.90 43.40 58.60 59.65	CARBONACEOUS GREYW ARGILLITE (13/grap CARBONACEOUS GREYW ARGILLITE (13/grap ALTERED HORNBLENDE	ACKE (greywack hitic,6c) ACKE (greywack hitic,6c) -PLAGIOCLASE F	ce,c4a) ce,c4a) PORPHYRY (8A4m)	·								

•

BOND GOL	LD CANADA INC.		HOLE # : HJ90.01		PAGE	# 2	of 6		
FROM	то	DESCRIPTION		SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton

- 68.10 68.60 ALTERED HORNBLENDE-PLAGIOCLASE PORPHYRY DYKE (7A4g)
- 68.60 94.10 WEAKLY BANDED ARGILLITE (13/graphitic,6d)
- 94.10 96.50 CARBONACEOUS GREYWACKE (greywacke, c4a)
- 96.50 109.11 ARGILLITE (13/graphitic,6d)
- 109.11 109.11 EOH

HOLE #: HJ90.01

	BOND GOLD CANADA INC.										
BOND	OLD CAN	ADA INC.	HOLE # : HJ90.01					6			
FROM	TO	DESCRIPTION		SAMPLE	FROM	то	WIDTH	Au g_ton	Ag g_ton		
0.00	6.00	CASING -Missing core Box # 1.							· · · · ·		
6.00	15.10	ARGILLITE (13/graphitic,6c) -Light black to dark black. -Very fine-grained. -Laminated with fine-grained lamina of Py and mafic c -Deformed rock; sheared. -Intruded by calcite veining system. -Fractures at 70 degrees to CA. -Lamina <lmm 4mm="" thick.<br="" to="">-Very strong graphitic along the lamina surfaces. -Alteration; mainly graphitic. -Mineralization; 1% Py; in a very fine lamination.</lmm>	omponent.								
15.10	19.60	CARBONACEOUS GREYWACKE (greywacke,c4a) -grey to dark grey. -Fine to medium-grained. -Carbonaceous in composition. -Weakly sheared along the surfaces. -White spotted, 6% white grain about 1mm to 3mm acros -Granular texture. -Amorphous calcite grains. -Alteration; carbonaceous. -Mineralization; <1% Py disseminated.	S .	27962	13.00	14.50	1.50	0.01	1.3		
19.60	40.90	ARGILLITE (13/graphitic,6c) -Identical to unit from 3.00 - 15.10m. -Broken, rubbly core. -Highly carbonaceous. -Number of calcite veins. -Very strongly sheared, parallel to CA.		HOLE #:	HJ90.01						

, ·

TO DESCRIPTION SAMPLE FROM TO WIDTH FROM Au Ag g_ton g_ton -Strongly graphitic. -Metallic lustre. -Locally very laminated. -Lamination parallel to sub-parallel to CA. -Fracture, irregular and in all directions. -Alteration; strongly graphitic. -Mineralization; Py mineralization along the lamina. 21.50 20.00 1.50 0.01 27963 1.3 27964 25.00 26.50 1.50 0.02 1.3 28.00 29.50 0.02 27965 1.50 2.0 27.50 31.00 -Broken, powdered core. -Strongly graphitic. -Fragment range from <1cm to 4cm. -No lamination. -No visible mineralization. 27966 34.00 35.50 1.50 0.02 1.9 35.50 37.00 1.50 0.02 2.0 27967 27968 37.00 38.50 1.50 0.02 2.1 40.90 43.40 CARBONACEOUS GREYWACKE (greywacke, c4a) -Identical to unit from 15,10 - 19,60m. 27969 40.00 41.50 1.50 0.03 2.0 43.40 58.60 ARGILLITE (13/graphitic,6c) -Identical to unit from 19.60 - 40.90m. 43.00 44.50 1.50 0.02 27970 1.8 27971 44.50 46.00 1.50 0.03 1.6 1.5 49.00 50.50 0.02 27972 1.50 27973 54.00 55.50 1.50 0.01 1.2 59.65 ALTERED HORNBLENDE-PLAGIOCLASE PORPHYRY (8A4m) 58.60 -Grey to greenish. HOLE #: HJ90.01

HOLE # : HJ90.01

BOND GOLD CANADA INC.

PAGE # 4 of

6

DOMD GO		LA INC.	NOLE # . NJ 90.01		IA		01 0		
FROM	TO	DESCRIPTION		SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
		-Fine-grained matrix.						<u></u>	
		-Medium to coarse altered phenocrysts. -5 to 6% phenocrysts/ mostly plagioclase. -Very altered.							
		-1 to 2% hornblende grains. -Very sharp contacts; the lower contact at approxmately -Alteration; weakly chloritic.	7 80 degrees to CA.						
		-Mineralization; <1% po; fracture filling. -<1% Py; minor veins and fracture filling.		·					
59.65	58.10	ARGILLITE (13/graphitic,6c) -Identical to unit from 43.40 - 58.60m.							
				27974 27975	62.00 65.00	63.50 66.50	1.50 1.50	0.01 0.01	1.4 1.5
68.10	68.60	ALTERED HORNBLENDE-PLAGIOCLASE PORPHYRY DYKE (7A4g) -Dark grey; fine-grained matrix. -Dark green, medium to coarse phenocrysts. -Subbedral to eubdral phenocrysts.							
		-Very sharp contact at 70 degrees to CA. -Shows strong shearing along the fracture surfaces. -15 to 20% hornblende phenocrysts.							
		-Not been cut by any calcite veins. -Alteration; weakly chloritic. -Mineralization; very minor Py along the contact with a	argillite.						
68.60	94.10	WEAKLY BANDED ARGILLITE (13/graphitic,6d)		27976	67.00	68.50	1.50	0.01	1.3
		-Grey to dark black. -Strongly carbonaceous. -Intensively intruded by calcite veins.							
		-Highly broken core. -Locally strongly graphitic.		HOLE #:	HJ90.01	L			

BOND COLD CANADA THE

HOLE # 1190 01

PAGE # 5 of 6

BOND	GOLD CAN	ADA INC.	HOLE # : HJ90.01		P	AGE # 6	of 6			
FROM	TO	DESCRIPTION		SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton	
		-Poorly bedded but shows very of -Calcite veins are usually asso -Fractures are usually along th -Alteration; moderately graphit -Mineralization; 1% Py; locally crystals disseminated in the ar -<1% Po veins and some fracture	onsistent lamination. ciated with some minor Py. e calcite veining system. ic. up to 2% as veining system and minor cubic gillite. filling.		•					
				27977 27978 27979 27980	68.50 75.00 86.00 92.00	70.00 76.50 87.50 93.50	1.50 1.50 1.50 1.50	0.01 0.02 0.01 0.03	1.3 1.0 0.7 1.0	
94.10	96.50	CARBONACEOUS GREYWACKE (greywa -Identical to unit from 15.10 -	cke , c4a) 19.60m.							
96.50	109.11	ARGILLITE (13/graphitic,6d) -Identical to unit from 68.60 -	94.10m.	27981	93.50	95.00	1.50	0.01	2.1	
				27982 27983	97.00 103.00	98.50 104.50	1.50 1.50	0.01 0.03	0.8 0.9	
109.11	109.11	EOH								

BOND GOLD CANADA INC. DIAMON			DIAMOND DRIL	L HOLE REPORT				Pag	ge #1 of	Ê 6				
HOLE NO. PROPERTY LOCATION CLAIM NO. TARGET STARTED FINISHED SECTION COMMENTS	HJ90.02 HUNTER COND. # HUNTER COND. # SEPT. 4 SEPT. 4	3 1 3 , 1990 , 1990	NORTHING EASTING ELEVATION SURV. E. SURV. N. LOGGED BY CHECKED BY CORE	0.00 -400.00 S.NISYIF A.BRAY BQ TW	DH COMP. BEAR GRID ORIENT. DH GRID AZ. DIP-COLLAR LENGTH (m) DRILL CO. DRILL NO. FOREMAN	80 0 80 -45 103.32 FALCON 1000/1 E.DEFORMA	Depth 103.3	Dip Azimuth - 46 083	Test SPER	Depth Dip	Azimuth	Test		
FROM	TO		DESC	RIPTION					SAMPLE	FROM	то	WIDTH	Au g_ton	Ag g_ton
SUMMARY	ž													
0.00	3.80	CASING												
3.80	17.30	ARGILLI	TE (1304a)											
17.30	38.00	VERY CA	RBONACEOUS/F	INE GREY WACKES										
38.00	58.00	ARGILLI	TE (13/graph	itic,4a)										
58.00	60.10	COARSE	ASH TUFF (2F	4a)			,							
60.10	83.00	ARGILLI	TE (13/graph	itic,4a)										
83.00	85.25	FELDSPA	R PORPHYRY ?	(8F4a)										
85.25	88.00	COARSE	ASH TUFF (2F	4a)										
								•						

BOND	GOLD CAN	ADA INC.	HOLE # : HJ90.02					PAGE # 2 of 6					
FROM	TO	DESCRIPTION	,	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton				
				<u>u</u>					·····				
88.00	91.80	ARGILLITE (1304a)											
91.80	97.50	INTRUSION (PROBABLY QUARTZ DIORITE (TONNALITE))(12F4a	1)										
97.50	98.50	ARGILLITE (1304a)											
98.50	99.00	VERY ALTERED IGNEOUS DYKE											
99.00	103.30	ARGILLITE (13/graphitic,6d)											
103.30	103.30	еон •											

HOLE #: HJ90.02

BOND GOLD	CANADA INC.	HOLE # : HJ90.02		PA	GE # 3	of 6		
FROM	TO DESCRIPTION		SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_tor
0.00 3	80 CASING							
3.80 17	30 ARGILLITE (1304a) -Grey to black. -fine-grained. -Intruded by few quartz-calcite veins a thickness between <lmm 3cm.<br="" to="">-The first 3.00m of the core is very br degrees to CA. -Fe-oxides on the surfaces. -Very bleached. -Locally very graphitic. -Weakly banded. -Alteration; weakly argillitic, locally -Mineralization; <l% a<="" disseminated,="" p="" py=""></l%></lmm>	tvarious angles to CA, ranging in oken and fractured at approxmately 70 very graphitic. lso found along minor calcite veins.						
			27937 27938 27939 27940	7.00 11.00 13.00 15.00	8.50 12.50 14.50 16.50	1.50 1.50 1.50 1.50	0.03 0.02 0.01 0.02	0. 0. 0. 1.
7.30 38	 VERY CARBONACEOUS/FINE GREY WACKES -5.90m missing core. -Grey to dark grey blackish. -Very fine-grained. -Very carbonaceous. -Gradational contact with fragments of -Fractured along the quartz-calcite veis. -Sericitic along the fractures. -Flow texture along the GA. -Laminations parallel to CA; 2mm in thi 	3mm across of argillite. ns at approxmately 70 degrees to CA. ckness.						

BOND GOL	D CANADA INC.	HOLE # :	HJ90.02	PAG	E # 4	of 6		
FROM	то	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
38.00 5	58.00 ARGILLIT -Black to -Very fin -Locally -Intruded -Minor fa -Irregula -Alterati -Minerali finely di	<pre>E (13/graphitic,4a) dark black. =-grained argillite. nighly deformed. by irregular quartz-calcite veins. nlting. r fracturing, no particular orientation. on; weakly graphitic. zation; <1% Py, mainly in the quartz-calcite veins and al sseminated.</pre>	27941 27942 27943 So very	16.50 27.65 30.00	18.00 29.15 31.50	1.50 1.50 1.50	0.02 0.03 0.01	1.3 1.4 1.1
			27944 27945 27946 27947 27948	37.00 50.00 51.50 53.00 54.50	38.50 51.50 53.00 54.50 56.00	1.50 1.50 1.50 1.50 1.50	0.01 0.01 0.01 0.02 0.02	0.8 0.8 0.9 1.4 1 1
58.00 6	50.10 COARSE A -Dark gre -Medium- -Black ir -Very fin -The grai -Lower co which is -Alterati -Minerali	SH TUFF (2F4a) y to black. to coarse-grained. regular fragments. e matrix, of mafic composition. ns are mainly of felsic composition. ntact have some very coarse fragments from the underlying argillite. on; weakly sericitic along the fractures. zation; none.	formation					
60.10 8	33.00 ARGILLIT -Identica -MIssing	E (13/graphitic,4a) 1 to unit from 38.00 - 58.00m core from 61.10 - 66.00m (box #11).	. Hole #:	HJ90.02				

.

BOND	OLD CAN	ADA INC.	HOLE # : HJ90.02	PA	GE # 5	of 6	<u> </u>	
FROM	то	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
		-MIssing core from 71.10 - 81.90m (box #13 and 14).						<u> </u>
			27949 27950 27951	66.00 67.50 69.00	67.50 69.00 70.50	1.50 1.50 1.50	0.01 0.01 0.01	0.5 1.0 1.1
83.00	85.25	<pre>FELDSPAR PORPHYRY ? (8F4a) -Dark grey matrix. -Light grey phenocrysts. -Very fine-grained matrix, very coarse, irregular in general shape is rectangular tabular and sub-rounded -Phenocrysts up to 5mm across. -Phenocrysts have some matrix inclusions. -Reverse graded bedding texture? -Fractures at 50 to 60 degrees to CA. -Intruded by number of quartz-calcite veining system -Alteration; weakly sericitic. -Mineralization; 1 to 2% Py, mainly disseminated.</pre>	shape, phenocrysts; the					
85.25	88.00	COARSE ASH TUFF (2F4a) -Identical to unit from 58.00 - 61.10m.	27952	82.00	83.50	1.50	0.01	1.1
88.00	91.80	ARGILLITE (1304a) -Identical to unit from 38.00 - 58.00m.	27953	85.00	86.50	1.50	0.01	0.8
91.80	97.50	INTRUSION (PROBABLY QUARTZ DIORITE (TONNALITE))(12F- -grey to light grey. -Very fine matrix. -Biotite, mica <=2%.	27954 27955 4a)	88.00 89.50	89.50 91.00	1.50 1.50	0.02 0.01	2.5 1.4
		-4 to 5% feldspar grain phenocrysts.	HOLE #:	HJ90.0	2			

BOND	GOLD CAN	ADA INC. H	OLE # : HJ90.02		P	AGE # 6	of 6			
FROM	TO	DESCRIPTION		SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton	
		-Altered sericitic along the fractures. -Fractures are at approxmately 80 degrees to CA. -Alteration; mainly a weakly sericitic. -Mineralization; <1% Py mainly disseminated.		, ,,,,,,,,,,,,,,,,,,,						
				27956	94.00	95.50	1.50	0.01	0.8	
97.50	98.50	ARGILLITE (1304a) -Identical to unit from 88.00 - 91.80m.		27957	96.00	97.50	1.50	0.01	1.4	
98.50	99.00	<pre>VERY ALTERED IGNEOUS DYKE -Very light grey to whitish. -Fine-grained. -No visible phenocrysts. -Sharp contacts, with argillite at both lower and upper co -Lower contact at approxmately 45 degrees to CA . -Alteration; sericitic. -Mineralization; >l% Py veining and some disseminated. -Trace Py.</pre>	ntacts.							
99.00	103.30	ARGILLITE (13/graphitic,6d) -Identical to unit from 88.00 - 91.80m. -Alteration; strong graphitic. -Mineralization; Minor Py along quartz-calcite veins.		27958	97.50	99.00	1.50	0.01	1.4	
				27959 27960 27961	99.00 100.50 102.00	100.50 102.00 103.30	1.50 1.50 1.30	0.01 0.01 0.01	1.1 1.6 0.8	
103.30	103.30	EOH								

•

. .

BOND GOLD CANADA INC.		DA INC.		DIAMOND D	RILL HOLE REPORT					Pa	ige #	1 of	6				
HOLE NO. PROPERTY LOCATION CLAIM NO. TARGET STARTED FINISHED SECTION COMMENTS	HJ90.021 HUNTER HUNTER COND. # SEPT. 5 SEPT. 6	B 1 1 3 3 1990 1 , 1990 6	NORTHING EASTING ELEVATION SURV. E. SURV. N. LOGGED BY CHECKED BY CORE	0.00 -400.00 S.NISYIF A. BRAY BQ TW	DH COMP. BEAR GRID ORIENT. DH GRID AZ. DIP-COLLAR LENGTH (m) DRILL CO. DRILL NO. FOREMAN	80 0 80 -45 103.32 FALCON 1000/1 E.DEFORMA	Depth 103.7	Dip - 46	Azimuth 079	Test SPER	Depth	Dip	Azimuth	Test			
FROM	TO		DESC	RIPTION						SAMPI	E	FROM	то	WIDTH	Au g_ton	Ag g_ton	
SUMMAR	Y																
0.00	3.00	CASING															
3.00	17.00	ARGILLIT	E (1304a)														
17.00	23.30	CARBONAC	EOUS GREYWA	CKE					·								
23.30	28.65	ALTERED	HORNBLENDE -	PLAGIOCLASE	PORPHYRY (8A4a)												
28.45	57.00	ARGILLIT	E (1304c)														
57.00	64.40	CARBONAC	EOUS GREYWA	CKE (PROBABL	Y COARSE ASH TUFF)	•											
64.40	80.80	ARGILLIT	E (1304a)														
80.80	83.80	FELDSPAR	PORPHYRY (9F4a)													

BOND GOLD CANADA INC.			HOLE # : HJ90.02B	PAGE # 2 of 6						
 FROM	ТО	DESCRIPTION		SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton	
 					· · · · · · · · · · · · · · · · · · ·				<u> </u>	

83.80 89.10 ARGILLITE (1304a)

89.10 97.00 VERY ALTERED OXIDIZED IGNEOUS INTRUSION (PROBABLY DIORRITIC) (12C4a)

- 97.10 103.60 ARGILLITE 1304a)
- 103.60 103.60 EOH

HOLE #: HJ90.02B

BOND GOLD CAN	NADA INC. Ho)LE # : HJ90.02B	PA	AGE # 3	of 6		
FROM TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
0.00 3.00	CASING				······································		· · · · · · · · · · · · · · · · · · ·
3.00 17.00	ARGILLITE (1304a) -Grey to black. -Very fine-grained. -Highly broken core. -The first 6m are very powdered fragmented and oxidized. -Intruded by quartz vein, 15cm thick and shows no visible r -Very sheared. -Intruded by a number of calcite-quartz veining system. -Alteration; argillitic, weakly and locally graphatic. -Mineralization; <1% Py along the calcite-quartz veins.	ineralization.					
17.00 23.30	CARBONACEOUS GREYWACKE -Dark grey to light black. -Very fine-grained. -Featureless rock. -Fractures at approxmately 70 degrees to CA. -Alteration; weakly chloritic; weakly sericitic. -Mineralization; none.	27984	9.00	10.50	1.50	0.03	1.0
23.30 28.65	ALTERED HORNBLENDE-PLAGIOCLASE PORPHYRY (8A4a) -Dark grey, fine-grained matrix. -Medium- to coarse-grained phenocrysts. -Plagioclase long tabular to rectangular in shape. -15 to 20% plagioclase feldspar. -4 to 6% hornblende. -Lower contact is very sharp and distinct. -The dyke has been cut by two quartz-calcite veins of approvide width (each) and carry no mineralization. -Fractures at approximately 50 degrees to CA.	27985 exmately 20cm in	20.00 H.190.02	21.50	1.50	0.01	0.9

BOND GOLD CANADA INC.

_

HOLE # : HJ90.02B

PAGE # 4 of 6

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
28.45	57.00	 -Alteration; very weakly chloritic. -Mineralization; <l% disseminated="" fillings.<="" fracture="" li="" py=""> ARGILLITE (1304c) -Light grey to black. -Very fine-grained. -Locally banded and laminated. -Locally very graphitic with metallic lustre on the broken and sheared surfaces. -Alteration; argillitic; locally strongly graphitic. </l%>						
57.00	64.40	-Mineralization; 1% Py in lamina and disseminated. CARBONACEOUS GREYWACKE (PROBABLY COARSE ASH TUFF) -Missing core from 58.60 - 64.25m. -Very dark grey to blackish. -Detrital grains of <-1mm across. -1% of large fragments >2cm, mostly argillitic fragments. -Deformed with a moderate shearing on the fracture surfaces. -Alteration; very weakly sericitic. -Mineralization; no visible mineralization.	27986 27987 27988 27989 27990 27991	30.00 37.00 41.00 44.00 49.00 55.00	31.50 38.50 42.50 45.50 50.50 56.50	1.50 1.50 1.50 1.50 1.50 1.50	0.01 0.03 0.02 0.02 0.02	1.2 1.0 0.8 1.8 1.3 1.6
64.40	80.80	ARGILLITE (1304a) -Identical to unit from 3.00 - 17.00m. -Intruded by dyke.	27992	65.00	66 50	1 50	0.03	1 2
			27992 27993 HOLE #:	71.00 HJ90.0	72.50 2B	1.50	0.03	1.3

BOND (GOLD CAN	MADA INC.	HOLE # : HJ90.02B		AGE # 5	of 6	·	
FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton
			27994	72.50	74.00	1.50	0.03	1.3
77.10	77.60	-Diorite; poorly porphyritic. -Alteration; argillitic, locally graphitic. -Mineralization; 1% Py along veins and disseminated.						
80.80	83.80	<pre>FELDSPAR PORPHYRY (9F4a) -Grey; fine-grained matrix. -Very coarse, rectangular to tabular phenocrysts. -30% phenocrysts. -Some of the phenocrysts are carbonaceous. -Intruded by a number of calcite-quartz veins. -Alteration; weakly sericitic. -Mineralization; <1% Py crystal. -some Py developed within the phenocrysts.</pre>						
83.80	89.10	ARGILLITE (1304a) -Identical to unit from 64.40 - 80.80m.	27995	80.00	81.50	1.50	0.03	1.0
			27996 27997	84.00 87.00	85.50 88.50	1.50	0.03	1.2
89.10	97.00	<pre>VERY ALTERED OXIDIZED IGNEOUS INTRUSION (PROBABLY DIOR) -Light greyfine-grained to glassy1 to 2%, medium-grained altered phenocrystsThe first 4 metres, very oxidized to brownModerately carbonaceousFirst part highly broken and oxidizedVery sharp contact with argilliteAlteration; carbonaceous, locally sericiticMineralization; minor Py disseminated.</pre>	RITIC) (12C4a)					1.0

.

HOLE #: HJ90.02B

•

BOND	GOLD CAN	ADA INC.	HOLE # : HJ90.02B		F	AGE # 6	of 6			
FROM	TO	DESCRIPTION	Ś	SAMPLE	FROM	TO	WIDTH	Au g_ton	Ag g_ton	-
				27998 27999	90.00 94.50	91.50 96.00	1.50 1.50	0.03	0.8 0.9	-
97.10	103.60	ARGILLITE 1304a) -Identical to unit from 64.40 - 80.80m.		28000	00.00	100 50	1 50	0.03	1.0	
103.60	103.60	ЕОН	4		99.00	100.50	1.50	0.03	1.3	

.

.

,

<u>A P P E N D I X B</u>

A S S A Y C E R T I F I C A T E S

VANCOUVER OFFICE: 705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2 TELEPHONE (604) 980-5814 OR (604) 988-4524 FAX (604) 980-9621

THUNDER BAY LAB .: TELEPHONE (807) 622-8958 FAX (807) 623-5931

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

SPECIALISTS IN MINERAL ENVIRONMENTS CHEMISTS · ASSAYERS · ANALYSTS · GEOCHEMISTS

LABORATORIES

(DIVISION OF ASSAYERS CORP.)

• EN

Assay Certificate

Company:	BOND GOLD CANADA	Date: JAN-15
Project:		Copy 1. BOND GOLD CANADA, VANCOUVER, B.C.
Attn:	A.VOGT/D.MOLLOY	2. BOND GOLD CANADA, TORONTO, ONT.

He hereby certify the following Assay of 30 PULP samples submitted DEC-19-90 by A.VOGT.

Sample Number	AU g/tonne	AU oz/ton	
9727	. O2	. 001	
9728	" O 1	.001	
9729	. O1	" OO 1	
9730	.02	.001	
9731	.01	.001	••
9732	, 02	, 001	
9733	.02	.001	
9734	.01	.001	•.
9735	.01	.001	
9736	3,79	.111	
9737	.02	. 001	
9738	.01	.001	
9751	.01	.001	
9752	.02	.001	
9753	.01	.001	
9754	"01	.001	
9755	. O 1	.001	
9756	"O1	.001	
9757	.01	.001	
9758	" 02	.001	
9759	.03	.001	· ·
9760	. Ô1	.001	
.9761	. 05	" ŎŎŦ	
9762	3.76	.110	
9763	.03	.001	
9764	" O 1	.001	
9765	• O2	. 001	
9766	.01	.001	
9767	.01	. 001	
9768	. 01	. 001	

Certified by

MIN-EN LABORATORIES

0 1

0V-1911-PA1

Date: JAN-15-91

MIN

VANCOUVER OFFICE: 705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2 TELEPHONE (604) 980-5814 OR (604) 988-4524 FAX (604) 980-9621

THUNDER BAY LAB .: TELEPHONE (807) 622-8958 FAX (807) 623-5931

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

CHEMISTS · ASSAYERS · ANALYSTS · GEOCHEMISTS

Assay Certificate

Company:	BOND	GOLD	CANADA
Project:			
Attn:	A.V061	rzd _a MOL	LOY

Date: JAN-16-91 Copy 1. BOND GOLD CANADA, VANCOUVER, B.C. 2. BOND GOLD CANADA, TORONTO, ONT.

He hereby certify the following Assay of 30 PULP samples submitted DEC-19-90 by A.VOGT.

Sample Number	AU g/tonne	AU oz/tóni	· · · ·
	\odot and the set of th		a, ma an
9770	.01	.001	
9771	.02	. 001	
9772	.01	.001	
9773	" O 1	.001	
9774	" 02	,001	
9775	3.80	.111	
9775	. 02	.001	• •
9777	" Ŭ1	, 001	
9862	.01	* 001	
9974	" 02	.001	
9975	.01	.001	
9976	.03	.001	
9977	. 25	.007	
9978	.01	.001	
9979	" O 1	" 001	
9980	.02	.001	
9981	. 02	.001	
9982	.03	.001	
9990	. 02		
9991	" 01	.001	. *
9992	" Ö 1	.001	
9999	.02	.001	
10001	" O 1	<u>.</u> 001	
10002	.08	.002	
10003	. 01	.001	
10004	.01	* QOT	
10005	" O 1	,001	
10094	. O.2	.001	
10095	" O 1	. 001	

Certified by

MAN-EN LABORATORIES

 σ

0V-1911-PA2



. .

VANCOUVER OFFICE: 705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2 TELEPHONE (604) 980-58 14 OR (604) 988-4524 FAX (604) 980-962 1

THUNDER BAY LAB.: TELEPHONE (807) 622-8958 FAX (807) 623-5931

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

Certified by

MIN-EN LABORATORIES

Assay Certificate

He hereby certify the following Assay of 30 PULP samples submitted DEC-28-90 by D.KENNEDY. AU Sample AU oz/ton Number g/tonne ----stor state state west new find new long was not clear text to man the state " Ô1 " OO 1 9748 9749 1.44 .042 9750 .01 .001 9778 .02 .001 9779 .02 ,001 . . 9780 "O1 .001 9781 " Ô1 .001 9782 .001 .01 9783 .02 .001 .01 9784 .001 ----1796 .02 .001 .01 9797 .001 9798 " Ö1 .001 9799 .03 .001 . 25 9800 .007 9801 3.75 .109 9802 .04 .001 9803 .10 .003 9804 . 21 .005 9805 . 20 . 005 9806 . Ö 1 .001 9807 .02 ,001 9808 .01 .001 9809 1.00 .029 9812 .01 .001 ----9813 .001 .02 3.78 9814 .110 .02 9815 .001 . 05 9816 .001 9817 . OO1 .01

any: BOND GOLD CANADA

LABORATORIES

Company: BOND GOLD CANADA Project: Attn: D.KENNEDY/D.MOLLOY Date: JAN-11-91 Copy 1. BOND GOLD CANADA, VANCOUVER, B.C. 2. BOND GOLD CANADA, TORONTO, ONT.

(DIVISION OF ASSAYERS CORP.) SPECIALISTS IN MINERAL ENVIRONMENTS

CHEMISTS + ASSAYERS + ANALYSTS + GEOCHEMISTS

0V-1901-PA39

VANCOUVER OFFICE: 705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2 TELEPHONE (604) 980-5814 OR (604) 988-4524 FAX (604) 980-9621

THUNDER BAY LAB .: TELEPHONE (807) 622-8958 FAX (807) 623-5931

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

£ ۷.

SPECIALISTS IN MINERAL ENVIRONMENTS

CHEMISTS · ASSAYERS · ANALYSTS · GEOCHEMISTS

LABORATORIES

(DIVISION OF ASSAYERS CORP.)

Company:	BOND	GOLD	CANADA
Project:			
Attn:	D.KENN	EDY/D.	MOLLOY

MIN EN

Date: JAN-11-91

Copy 1. BOND GOLD CANADA, VANCOUVER, B.C. 2. BOND GOLD CANADA, TORONTO, ONT.

He hereby certify the following Assay of 30 PULP samples submitted DEC-28-90 by D.KENNEDY.

Sample	AU	AU	
Number	g/tonne	02/ton	
9459	. 01	. 001	പ്പെട്ടുന്ന തിന്നും പ്രാഗംഗംഗംഗംഗം പോഗത്തിലും പ്രോഗം പോഗത്ത് പോതത്തിലും പോസ്താന് പോസം പ്രാഗം പോസം പോസം പാന് പോല പ്രാഗം പ
9460	.02	.001	
9461	" Ö1	.001	
9622	" 01	.001	
9623	۵ <u>۱</u> ۵۱	.001	
9624	.01	" 001	
9625	, 01	.001	
9626	" O1	,001	
9627	.01	.001	
9628	01	.001	
7529	. 02	.001	
9630	.01	.001	
9631	.01	.001	
9632	1.40	.041	
9633	.01	.001	
9634	.01	.001	
9635	.01	" ÕÕ1	
9636	" O1	<u>"</u> 001	
9687	.01	.001	
9688	. O1	<u>, 001</u>	
9690	. 01	.001	
9739	" 02	. "OQ1	
9740	.01	" 001	
9741	.01	.001	
9742	.02	<u>, 001</u>	
9743	. 01	" ÕÕ 1	
9744	. 01	.001	
9745	" Ö1	<u>" 001</u>	
9746	" O 1	" OO 1	
9747	" Ó1	.001	

Certified by

MIN-EN LABORATORIES

ο





0V-1901-PA38

VANCOUVER OFFICE: Vo5 WEST 15TH STREE1 NORTH VANCOUVER, B.C. CANADA V7M 1T2 TELEPHONE (604) 980-5814 OR (604) 988-4524 FAX (604) 980-9621

THUNDER BAY LAB .: TELEPHONE (807) 622-8958 FAX (807) 623-5931

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

SPECIALISTS IN MINERAL ENVIRONMENTS

CHEMISTS + ASSAYERS + ANALYSTS + GEOCHEMISTS

Assay Certificate

Company: Project:	BOND	GOLD	CANADA	
Attn:	D.KENN	ÆDY/D.	MOLLOY	

LABORATORIES

(DIVISION OF ASSAYERS CORP.)

MIN

FN

Date: JAN-15-91

0V-1901-PA53

Copy 1. BOND GOLD CANADA, VANCOUVER, B.C. 2. BOND GOLD CANADA, TORONTO, ONT.

He hereby certify the following Assay of 30 PULP samples submitted DEC-28-90 by D.KENNEDY.

Sample	ÂŬ	AU	
Number	g/tonne	oz/ton	
9723	1 74	e 1 ²² 1	
9724	093 	002	
97.25	. OO 02	002	
9724	4.) <i>2</i> 1	101	
9785	20.5	. 001	
a i and	an a star and a star and a star a star a star a star a star and a star a star and a star a star a star a star a		
9785	.01	.001	
9787	. O2	- 001	
9788	1.50	" 047	
9789	. OB	. 002	
9790	" ()(5	. 001	
9791			
9799	a seran A a te	a torto a E k i ĉi	
9793	. 02 -	001	
4744	()))	1101	
9795	. 01	. 001	
	a Andrea El El El	in the second	
		001	
0470	in a contra di st	4 NAMA 13733	
9879	3.49	.113	
9880	. Oto	" ()() [
9881	, ()4	2001	
9882		a 001	
9883	" OʻZ	_001	
·7884	ូ ហូម៉ា	" 00 F	
9885	. Ω7	.002	
9885	. 04	. Öul	
9887	" Q.3		
9888	.04	. 001	
9889	$_{\mu}$ $O(12)$	_ (i0) [

Certified by



LABORATORIES (DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS

CHEMISTS - ASSAYERS - ANALYSTS - GEOCHEMISTS

Assay Certificate

VANCOUVER OFFICE: 705 WEST 151H STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2 TELEPHONE (604) 980-5814 OR (604) 988-4524 FAX (604) 980-9621

THUNDER BAY LAB .: TELEPHONE (807) 622-8958 FAX (807) 623-5931 SMITHERS LAB .:

TELEPHONE/FAX (604) 847-3004

0V-1911-PA12

Date: JAN-17-91

Company:	BOND GOLD CANADA	Date: JAN-17
Project:		Copy 1. BOND GOLD CANADA, VANCOUVER, B.C.
Attn:	A.VOGT/D.MOLLOY	2. BOND GOLD CANADA, TORONTO, DNT.

He hereby certify the following Assay of 30 PULP samples submitted DEC-19-90 by A.VOGT.

Sample	AU	AU	
Number	g/tonne	oz/ton	
10656	.01	.001	
10457	" Ō1	.001	
10658	" Oʻ2	. 001	
10659	.03	.001	
10550	3.80	.111	
10661	. 04	. 001	
10562	.02	.001	
10663	01	.001	• • •
10664	<u>د</u> (۱ <u>۳۶</u>	.001	
10565	" 04	.001	
10665	" O 1	,001	
10667	1.64	.048	
10668	" 04.	.001	
10669	. 02	. ÕÕ1	
10670	" Ö 1	. 001	
10671	. 01	.001	
10672	5 .a0	.163	
10673	3.87	.113	
10574	.38	.011	
10675	5.10	. 178	
10676	" 9 8	. 029	· .
10677	" Ŭ1	.001	
10678	. Ô1	" OO 1	
10379	. 02	. OQ 1	
10680	. 01	. 001	
10725	. 30	.009	
10727	.02	.001	
10728	" Ö1	. ÓÖ 1	
10729	.01	. 001	
10730	\$3 a 83()	. 163	

Certified by

MIN-ÆN LABORATORIES

A P P E N D I X C

FIGURES: DRILL SECTION



565		
GEOLOGICAL LEGEND FOR UNILL SECTIONS RT ROCKTYPE ALT ALTERATION INT ALT INTENSITY MIN MINERALIZATION SULF 		
515 1 GOURDEL UPT Full a service i very maniferior i very maniferi very maniferior i very maniferior		
465 SECTION VIEW LOOKING 350 DEGREES	BOND GOLD CANADA INC. HUNTER #1 CLAIM DRILL SECTIONS HJ90.01 HJ90.02	